

USA 2024-2025 V.1

AVANT[®]

Loaders, options & attachments



Catalog

Foreword

This catalog contains most of the Avant loaders and attachments available from Avant Tecno USA at the date of printing. Avant has a policy of continuing product development and retains the right to change specifications without notice.

Operation of certain attachments may require specific equipment on the loader. Please consult your local Avant dealer.

Compatibility tables between attachments and loader models are advisory. All attachments do not fit on all loader models. Please contact your local Avant dealer to make sure that the attachment is compatible with your Avant loader.

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AVANT®

Avant's advantages in power, efficiency, versatility and value are driven by our robust features. Our compact articulated design uses less horsepower to do most jobs-that means less surface impact and lower operating costs.

- ✓ Excellent weight to lift ratio
- ✓ Avant increases productivity, saving time and manpower
- ✓ Minimal surface impact
- ✓ Articulated, compact design
- ✓ Low operating cost
- ✓ Fuel efficient
- ✓ Offset telescopic boom
- ✓ Easy to operate
- ✓ 360° operator visibility
- ✓ Hundreds of attachments

Design

The unique articulated chassis design makes Avant an unrivalled machine in its class. It is very stable, easy to drive and turns smoothly, without damaging sensitive surfaces like lawns, paved areas, etc. This makes Avant a real multi purpose machine for almost any job. And with additional features to improve operator comfort, work efficiency and work quality:

- **Telescopic loader boom** gives more lift height and outreach – both equally important.
- **Modern off center boom construction** guarantees excellent, unrestricted visibility – no need to reach out from the driver's seat in order to see the attachment.
- **Boom self levelling** makes load handling quicker and more precise.
- Increased safety thanks to the **load sensor system**.
- **Articulated design** allows precise sideways moving of the load in tight situations.
- **Avant quick attach system** allows easy, safe and fast attachment coupling.
- **OPTIBRIVE®** drive circuit gives more power for drive and hydraulic attachments.



Top class features



Compact, strong and versatile

- High lift capacity and pulling force
- Compact enough to work in tight situations
- Wide model range to suit many customer segments
- More than 200 attachments available, for almost any job

Advanced technology

- Stepless hydrostatic transmission
- Hydraulically pilot operated variable displacement drive pump – easy and smooth to drive, no wearparts in the drive system
- Easy servicing

Wide range of options

- Numerous optional options including different cabs, boom floating, extra hydraulic outlets and many more make it easy to tailor the Avant to meet any requirements.



Best ergonomics



Best operator position

- Positioned in the front of the machine, the operator's seat is as close to the attachment as it can safely be, providing an unrestricted view of the attachment working
- This guarantees excellent work efficiency, precision and safety

Off center boom construction

- Allows excellent forward vision and a clear view of the attachment
- More precision, work efficiency and safety
- The machine reaches out – not the driver

Top class ergonomics

- Ample space even for larger operators
- Easily operated, well-positioned controls
- Safe and easy access to driver's seat
- Certified ROPS/FOPS safety frame with tinted plexiglass canopy is a standard feature



Multi connector

- Connects all hoses effortlessly with a single hand movement
- Releases pressure automatically and is always easy and light to connect
- No oil drops during connecting or detaching
- It is not possible to connect the multi connector in a wrong way
- On loaders equipped with the optional Opticontrol, the electric wire of an attachment with electric functions will also connect with the multi connector

Rigid articulation joint

The rigid articulation joint prevents sideways pivot and is a very important feature in a machine of this size. Thanks to this rigid design the risk of tipping the machine over is greatly reduced, because the rear chassis is counterbalancing the front chassis at all times, preventing the front chassis from movement which could otherwise destabilise the machine.

Existing Avant operators attest to the stability of the machine, achieved because of this feature.

Safety frame

Fitted as standard to the Avant loaders the ROPS safety frame with FOPS and tinted plexiglass canopy is a four post structure that provides all round protection for the operator, and the FOPS canopy protects the operator against falling objects. The ROPS frame and the FOPS canopy are tested and certified and comply with the ISO 3471 (ROPS) and ISO 3449 (FOPS) standards.

Telescopic boom

The telescopic loader boom provides all the advantages of out reach when fully extended and maximum stability as, when retracted, the load is close to the machine during transportation.

Boom self levelling

Boom self levelling makes load handling quicker and more precise. The self levelling system keeps the load automatically level in all positions of the loader boom. Standard in 800 series machines, available as an option in 500-700 and e series

Load sensor

A load sensor is fitted as standard to the Avant 600-800 series and provides an audible warning if the rear wheels are about to lift off the ground. This pre-emptive warning gives the operator more time to react in the event of the machine becoming unstable.



Avant Customers



Landscaping

Avant is a versatile landscaper's tool that will cover all your landscaping and maintenance needs. Articulated steering and light frame reduce ground damage saving time and money on jobs.



Construction & demolition

Avant loaders can take care of various jobs in different stages of the construction project in new building projects, renovations or demolition.



Tree Care

Avant is powerful enough to lift heavy logs, yet compact enough to fit in tight nooks, small yards and narrow pathways. Avant loaders have less surface impact therefore laying down protective mats is unnecessary allowing you save time and money.



Sidewalk snow removal

Avant's compact size allows you to fit on 48" sidewalks making snow removal easier and more efficient.



Municipalities

Avant loaders are already used by many Municipalities, Park Districts, and Universities across the United States. With hundreds of attachments to choose from, there is a tool for every job.



Farming

Avant loaders can take care of all the physically challenging jobs on the farm that used to have to be done manually. A versatile tool for all the work on the farm.

AVANT[®] 200

Super compact multi-function loader



- ✔ Avant quick attach system for attachments
- ✔ Boom Float
- ✔ Multi connector for hydraulic attachments
- ✔ Multi function display: hour meter and fuel gauge, engine indicators, road traffic light indicators
- ✔ Large 4.7 gal fuel tank
- ✔ Large 47 Ah battery
- ✔ Automatic drive release valve
- ✔ LED front lights
- ✔ Suspension seat with arm rests (no heater)
- ✔ Avant 225 with 25 hp electronic fuel injection gasoline engine starts easily in any situation, no choke needed
- ✔ Auxiliary hydraulics oil flow to hydraulically driven attachments as high as 11.1 gal/min

Options

- ✔ Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- ✔ Cab L: windscreen with wiper and washer, right side and rear windows – door also available as an option
- ✔ Anti slip valve
- ✔ LED work light kit: 2 front, 1 rear
- ✔ Road traffic kit
- ✔ Auxiliary hydraulics outlet in the rear
- ✔ Attachment control switch pack for electric functions on attachment
- ✔ Wheel weights

Safety

- ✔ Longer wheelbase and lower center of gravity – better stability
- ✔ Certified ROPS safety frame and FOPS canopy
- ✔ Seat belt
- ✔ LED front lights as standard, extra LED work light kit (2 front, 1 rear, 700 lumen) available as an option
- ✔ Excellent, unrestricted field of vision to the attachment and working environment



75.2 in



1540 lb



55.1 in



772 lb



**20-25 hp
Gasoline**



0 – 6.2 MPH

Specifications



Machine width

Wheel size	Profile	Width
20 x 8.00 - 10	TR or grass	39.2 in
20 x 8.00 - 10*	TR or grass	40.4 in

* With spacers A44337

Model	AVANT 220	AVANT 225
Length	75.2 in	75.2 in
Width*	39.2 in	39.2 in
Height	74 in	74 in
Weight	1540 lb	1540 lb
Wheels	20x8.00-10 tractor/grass	20x8.00-10 tractor/grass
Transmission, drive	hydrostatic	hydrostatic
Pulling force	1395 lbf	1440 lbf
Drive speed (max.)	6.2 MPH	6.2 MPH
Auxiliary hydraulics	7.9 gal/min/2680 PSI	11.1 gal/min/2680 PSI
Hydraulic oil cooler	standard	standard
Turning radius inside/outside**	35.8 / 75.2 in	35.8 / 75.2 in
Tipping load***	772 lb	772 lb
Engine	Kohler CV640	Kohler ECV730 EFI
Engine output	20 hp	25 hp
Fuel	Gasoline	Gasoline
Product no:	M220	M225

* 40.4 in. with optional wheel spacers

** Turning radius with Standard tires

*** Load is measured at 15.8 in from the attachment coupling plate.

AVANT[®] 400



Low operating weight, uncomplicated and economical

- ✔ Equipped with Kubota 22 hp diesel engine – more horsepower and torque especially on low revs
- ✔ Auxiliary hydraulics oil flow, 9 gal/min

Standard specification

- ✔ Telescopic boom
- ✔ Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- ✔ Multi connector system for hydraulic attachments
- ✔ Hydraulic oil cooler
- ✔ Certified ROPS safety frame + FOPS canopy
- ✔ 2 front LED work lights (1000 lumen)
- ✔ Hydrostatic 4WD
- ✔ Standard tires 23x8.50-12 Tractor or Grass profile
- ✔ Suspension seat with arm rests (no heater)
- ✔ 5.3 gal fuel tank

Options

- ✔ Cab L: windscreen with wiper and washer, right side and rear
- ✔ Anti slip valve
- ✔ LED work light kit: 2 front, 1 rear
- ✔ Road traffic kit
- ✔ Auxiliary hydraulics outlet in the rear
- ✔ Opticontrol attachment control system for attachments with electric and hydraulic functions
- ✔ Narrow spec of 36.7 inches with 5.70-12 tires
- ✔ Extra counterweights



Width with 5.70-12 tires 36.7 in



86.4 in



2380 lb



108 in



1210 lb



**22 hp
Diesel**



0-7.5 MPH

Specifications



Machine width

Wheel size	Profile	Width
5.70-12	TR	36.7 in
23 x 8.50 - 12	TR or grass	41.3 in
23 x 10.50 - 12	TR or grass	43.1 in

Model	AVANT 423
Length	86.4 in
Width	36.7 - 43.1 in
Height	78 in
Weight	2380 lb
Standard wheels	23x8.50-12" TR or grass
Transmission, drive	hydrostatic
Pulling force	1500 lbf
Drive speed (max.)	7.5 MPH
Auxiliary hydraulics oil flow / pressure	9.0 gal/min 2680 PSI
Hydraulic oil cooler	Standard
Turning radius inside/outside*	34.6 / 77.6 in
Tipping load**	1210 lb
Max. breakout force	1430 lbf
Engine make and type	Kubota D902
Engine output	22 hp
Maximum torque	41 lbf-ft @ 2200 rpm
Fuel	Diesel
Product no:	M423

* Turning radius with Standard tires

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 500

Excellent choice with robust and simple hydraulics



Avant 523

- ✔ Equipped with Kubota 22 hp diesel engine – more horsepower and torque especially on low revs
- ✔ Higher auxiliary hydraulics oil flow, 9.0 gal/min

Avant 528/530

- ✔ Kubota 25 hp diesel engine
- ✔ Auxiliary hydraulics oil flow, 9.5 gal/min
- ✔ 528 max speed 7.5 mph
- ✔ 530 dual speed 12 mph max
- ✔ Cab GT available as an option

Standard specification

- ✔ Strong piston type Poclain drive motors
- ✔ Telescopic boom
- ✔ Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- ✔ **OPTIBRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✔ Multi connector system for hydraulic attachments
- ✔ Hydraulic oil cooler
- ✔ Certified ROPS safety frame + FOPS canopy
- ✔ 2 front LED work lights (1000 lumen)
- ✔ Hydrostatic 4WD
- ✔ Standard tires 23x10.50-12 Tractor or Grass profile
- ✔ Suspension seat with arm rests (no heater)
- ✔ Integrated back weight 350 lb (523) / 375 lb (528, 530)
- ✔ Fuel tank size 7.9 gal
- ✔ 9.5 gal hydraulic oil tank
- ✔ Multi function display instead of separate gauges, with information on engine revs, working hours, auxiliary hydraulics oil flow, temperatures etc.



96.1– 102.8 in



3020–3220 lb



110 in



1750–2100 lb



22–25 hp
Diesel



0–12 MPH

Specifications



Height with cab

Wheel size	26x12.00-12 320/60-12*	27x8.50-15
Cab L	80.1 in	80.6 in
Cab GT (530,528)	81.1 in	82.3 in

* With 23" wheels machine is 0.6 in lower

Machine width

Wheel size	Profile	Width
27 x 8.50 - 15*	TR	40.6 in/ 44.6 in
23 x 8.50 - 12	TR or grass	42.5 in
23 x 10.50 - 12	TR or grass	44.5 in
26 x 12.00 - 12*	TR or grass	50.8 in
320/60-12 HD*	TR	50.8 in
26,5 x 14.00 - 12**	grass	55.9 in

** Requires 1.6 in spacers on the wheel hubs

Model	AVANT 523	AVANT 528	AVANT 530
Length	96.4 in	102.8 in	102.8 in
Width (with 23x10.50-12 wheels)	44.5 in	44.9 in	44.9 in
Height	78.2 in	78.2 in	78.2 in
Weight	3020 lb	3130 lb	3220 lb
Standard wheels	23x10.50-12" TR or grass	23x10.50-12" TR or grass	23x10.50-12" TR or grass
Transmission, drive	hydrostatic	hydrostatic	hydrostatic
Pulling force	1985 lbf	2100 lbf	2315 lbf
Drive speed (max.)	7.5 MPH	7.5 MPH	12 MPH
Auxiliary hydraulics oil flow / pressure	9.0 gal/min 2680 PSI	9.5 gal/min 2900 PSI	9.5 gal/min 2900 PSI
Hydraulic oil cooler	Standard	Standard	Standard
Turning radius inside/outside*	39.2 / 80.7 in	39.2 / 80.7 in	39.2 / 80.7 in
Max. lifting height	110 in	110 in	110 in
Tipping load**	1750 lb	2100 lb	2100 lb
Max. breakout force	2425 lb	2800 lb	2800 lb
Engine make and type	Kubota D902	Kubota D1105	Kubota D1105
Engine output	22 hp	25 hp	25 hp
Maximum torque	41 lbf-ft @ 2200 rpm	53 lbf-ft @ 2200 rpm	53 lbf-ft @ 2200 rpm
Fuel	Diesel	Diesel	Diesel
Product no:	M523	M528	M530

* Turning radius with 23x10.50-12 wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 600

New super compact loaders with high output

AVANT 635i/640i

- ✔ Naturally aspirated Kohler KSD 1403NA 26 hp common rail diesel engine with electronically controlled indirect injection with exhaust purifier
- ✔ Compliant with all emission standards worldwide (EU Stage V, US Tier 4 Final etc.) – doesn't need diesel particulate filter (DPF)
- ✔ High low-end torque: 66 lbf-ft @ 1800 rpm
- ✔ High-flow auxiliary hydraulics, max. 17.4 gal/min with 2 pumps
- ✔ Low own weight: easy to transport, very gentle on the turf

AVANT 645i/650i

- ✔ Most compact over 26 hp Stage V / Tier 4 final loader in the market
- ✔ High-flow auxiliary hydraulics, max. 19.8 gal/min with 2 pumps - can run practically any Avant attachment
- ✔ Turbocharged Kubota V1505CRT common rail diesel engine complies with US Tier 4 final emission regulations, equipped with diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) integrated in the same housing

Standard specification

- ✔ Telescopic boom, boom self leveling, boom floating, joystick 8 functions
- ✔ **OPTIBRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✔ Strong piston type Poclain drive motors
- ✔ Multi connector system for hydraulic attachments
- ✔ Fast ground speed, max 14.3 MPH (640i/650i with 2-speed drive motors)
- ✔ Hydrostatic 4WD, drive release valve, hydraulic parking brake
- ✔ ROPS/FOPS (open cab) as standard, L cab and GT cab available as an option
- ✔ 2 front LED work lights (1000 lumen)
- ✔ Standard tyres 26x12-12 Traction or Grass profile, bigger tire option 320/55-15 available
- ✔ Full suspension heated seat with seat belt & hand rests
- ✔ Large 10.6 gal fuel tank
- ✔ Integrated back weight 375 lb
- ✔ Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (g/h), auxiliary hydraulics oil flow, temperatures etc.



102.8 in



3460–3590 lb



112 in



2620 lb



25 – 44 hp
diesel



0 – 14.3 MPH

Specifications



Height with cab

Wheel size	26x12.00-12 320/60-12*	320-55/15
Cab GT	81.1 in	82.3 in

* With 23" wheels machine is 0.6 in lower

Machine width

Wheel size	Profile	Width
27 x 8.50 - 15*	TR	40.6 in/ 44.6 in
23 x 8.50 - 12	TR or grass	42.5 in
23 x 10.50 - 12	TR or grass	44.5 in
26 x 12.00 - 12	TR or grass	50.8 in
320/60-12 HD	TR	50.8 in
320/55-15	TR or grass	51.4 in
26,5 x 14.00 - 12**	grass	55.9 in

* Bigger wheels will increase total machine height by 0.5 in

** Requires 1.6 in spacers on the wheel hubs

Model	AVANT 635i	AVANT 640i	AVANT 645i	AVANT 650i
Length	102.8 in	102.8 in	102.8 in	102.8 in
Width (standard tires)	50.8 in	50.8 in	50.8 in	50.8 in
Height	80.1 in	80.1 in	80.1 in	80.1 in
Weight, starting from	3460 lb	3480 lb	3570 lb	3590 lb
Standard tires	26x12.00-12"Grass / TR		26x12.00-12"Grass / TR	
Transmission	hydrostatic Avant Optidrive®		hydrostatic Avant Optidrive®	
Pulling force	2200 lbf	2200 lbf	3100 lbf	3100 lbf
Drive speed	7.5 MPH	14.3 MPH	7.5 MPH	14.3 MPH
Auxiliary hydraulics	17.4 gal/min 2900 PSI	17.4 gal/min 2900 PSI	19.8 gal/min 2900 PSI	19.8 gal/min 2900 PSI
Turning radius (inside/outside)*	35.4 / 97.2 in	35.4 / 97.2 in	35.4 / 97.2 in	35.4 / 97.2 in
Lifting height	112 in	112 in	112 in	112 in
Tipping load**	2620 lb	2620 lb	2620 lb	2620 lb
Max. breakout force at 20 in	2760 lbf	2760 lbf	2760 lbf	2760 lbf
Engine make and type	Kohler KSD 1403NA Tier 4 Final, 3-cyl.		Kubota V1505-CR-TE5 Tier 4 Final, 4-cyl.	
Engine output	25 hp		44 hp	
Maximum torque	66 lbf-ft @ 1800 rpm		87 lbf-ft @ 2000 rpm	
Fuel	Diesel		Diesel	
Product no:	M635i	M640i	M645	M650

* Turning radius with 26x12.00-12 wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 700



Outstanding handling capacity

Avant 700 benefits over 600 series

- ✔ More lift capacity and handling power
- ✔ Stronger boom construction
- ✔ More oil flow for attachments, max. 21.1 gal/min
- ✔ Greater lifting height, up to 122 in
- ✔ Avant 755i and 760i with Kohler KDI 1903 TCR turbocharged common rail diesel engine complies with Tier 4 Final emission regulations without need for diesel exhaust fluid (DEF) or active regeneration of the particulate filter (DPF)

NEW

- ✔ AVANT 735i with naturally aspirated Kohler KSD 1403NA 26 hp common rail diesel engine with electronically controlled indirect injection with exhaust purifier

Standard specification

- ✔ Telescopic boom, boom Float design
- ✔ **OPTIBRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✔ Strong piston type Poclain drive motors on all models
- ✔ Multi connector system for hydraulic attachments
- ✔ 8 function joystick
- ✔ Drive release valve
- ✔ Hydraulic parking brake
- ✔ Certified ROPS safety frame + FOPS canopy
- ✔ 2 front head lights (1000 lumens)
- ✔ Hydrostatic 4WD
- ✔ Avant 760i with dual speed up to 16.2 mph, Avant 755i with single speed up to 10.6 mph
- ✔ Standard tires: Avant 760i 10-stud 400/50-15 grass or TR profile, Avant 735i/755i 5-stud 320/60-12 TR or 26x12.00-12 grass profile
- ✔ Full suspension heated seat with seat belt & arm rests
- ✔ Integrated back weight 375 lb
- ✔ 10 gal hydraulic oil tank
- ✔ Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (g/h), auxiliary hydraulics oil flow, temperatures etc.
- ✔ Large fuel tank 16.6 gal



120.9 in



3990-4640 lb



122 in



3810 lb



**26-56 hp
Diesel**



0-16.2 MPH

Specifications



Height with cab

Wheel size	26x12.00-12 320/60-12	320/55/15*
Cab L	81.1 in	82.4 in
Cab GT	83.5 in	84.6 in

* With 400/50-15 machine is 1.2 in higher

Machine width

Wheel size	Profile	Machine width	
		735i/755i	760i
27x8.50-15	TR	40.6 in/ 44.6 in	42.5 in
26x12.00-12	TR or grass	50.8 in	53.1 in
320/60-12 HD	TR	50.8 in	53.1 in
320/55-15	TR or grass	51.4 in	53.5 in
400/50-15	TR or grass	-	57.1 in

Model	AVANT 735i	AVANT 755i	AVANT 760i
Length	120.9 in	120.9 in	120.9 in
Width (standard tires)	51 in	51 in	57.1 in
Height	82.3 in	82.3 in	84.3 in
Weight, starting from	3990 lb	4420 lb	4640 lb
Standard tires	26/12.00-12 Grass 320/60-12 Tractor	26/12.00-12 Grass 320/60-12 Tractor	400/50-15 TR or grass
Transmission	Hydrostatic	Hydrostatic	Hydrostatic
Pulling force	2200 lbf	2690 lbf	2930 lbf
Drive speed	7.5 MPH	10.0 mph	16.2 mph
Auxiliary hydraulics	13.2 gal/min 2900 PSI	21.1 gal/min 3260 PSI	21.1 gal/min 3260 PSI
Turning radius (inside/outside)*	49.2 / 105.3 in	49.2 / 105.3 in	49.2 / 105.3 in
Lifting height	122.0 in	122.0 in	122.0 in
Tipping load**	3810 lb	3810 lb	3810 lb
Max. breakout force at 20 in	3750 lbf	3750 lbf	3750 lbf
Engine make and type	Kohler KSD 1403NA, 3-cyl.	Kohler KDI 1903 TCR	Kohler KDI 1903 TCR
Engine output	26 hp	56 hp	56 hp
Maximum torque	66 lbf-ft @ 1800 rpm	166 lbf-ft @ 1500 rpm	166 lbf-ft @ 1500 rpm
Fuel	Diesel	Diesel	Diesel
Product no:	M735i	M755	M760

* With standard wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 800



Avant's largest and most powerful model

- ✔ Handling capacity up to 4190 lb
- ✔ Strong boom construction with two tilt cylinders
- ✔ Lifting height 137.8 in to hinge pin
- ✔ Oil flow for attachments max. 21.1 gal/min, twin pump
- ✔ Cab with air conditioning available
- ✔ Air suspension seat for cab available
- ✔ Big 17" wheels as standard
- ✔ Avant quick attach system as standard
- ✔ Kohler KDI 1903 TCR turbocharged common rail diesel engine complies with Tier 4 Final emission regulations without need for diesel exhaust fluid (DEF) or active regeneration of the particulate filter (DPF)

Standard specification

- ✔ Telescopic boom, boom self levelling, boom floating
- ✔ **OPTIBRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✔ Strong piston type Poclain drive motors on all models
- ✔ Dual speeds available (860i)
- ✔ Hydrostatic 4WD
- ✔ Multi connector system for hydraulic attachments
- ✔ Joystick 8 functions
- ✔ Drive release valve
- ✔ Hydraulic parking brake
- ✔ Certified ROPS safety frame + FOPS canopy
- ✔ 2 front LED work lights (1000 lumen)
- ✔ 10-stud wheel hub, standard tires 380/55-17" Tractor
- ✔ Full suspension heated seat with seat belt & hand rests
- ✔ Integrated back weight 600 lb
- ✔ Fast travel speed: 18.6 mph (860i)
- ✔ Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (g/h), auxiliary hydraulics oil flow, temperatures etc.
- ✔ Large fuel tank 16.6 gal



133.7 in



5490-5600 lb



138 in



4190 lb



**56 hp
Diesel**



0-18.6 MPH

Specifications



Height

Wheel size	380/55 - 17 TR
ROPS	86.6 in
Cab GT	87.8 in

Model	AVANT 855i	AVANT 860i
Length	133.7 in	133.7 in
Width (with standard wheels)	58.7 in	58.7 in
Height (with standard wheels)	86.6 in	86.6 in
Weight	5490 lb	5600 lb
Standard wheels	380/55-17" TR or grass	380/55-17" TR or grass
Transmission, drive	hydrostatic	hydrostatic
Pulling force max.	3450 lbf	3860 lbf
Drive speed max.	9.3 mph	18.6 mph
Auxiliary hydraulics	21.1 gal/min 3260 PSI	21.1 gal/min 3260 PSI
Turning radius inside/outside*	53.9 in / 117.7 in	53.9 in / 117.7 in
Lifting height to pivot point	137.8 in	137.8 in
Max. tipping load**	4190 lb	4190 lb
Max. breakout force / 50 cm	4850 lb	4850 lb
Engine make and type	Kohler KDI 1903 TCR	Kohler KDI 1903 TCR
Engine output	56 hp	56 hp
Maximum torque	166 lbf-ft @ 1500 rpm	166 lbf-ft @ 1500 rpm
Fuel	diesel	diesel
Product no:	M855	M860

* With standard wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.



The full electric battery powered Avant

- ✔ Battery driven, 100% full electric
- ✔ No exhaust emissions, very low noise, on-board 3 kW battery charger
- ✔ Equipped with Avant OptiTemp® lithium-ion battery with high energy density
- ✔ Battery developed and manufactured by Avant Power in Ylöjärvi, Finland
- ✔ Top notch safety: multi-layer protection for the battery thanks to OptiTemp® technology and design of the battery
- ✔ Operating time in medium duty loading work as high as 6 hours with the 27 kWh battery (depending on conditions)

Standard specification

- ✔ On-board 3 kW battery charger
- ✔ Transmission: hydrostatic 4WD, strong piston type Poclain hydraulic drive motors
- ✔ Avant Optidrive® drive system – more power to drive and to attachment hydraulics
- ✔ Two electric motors: one for the hydrostatic transmission and one for the auxiliary hydraulics and other hydraulic functions
- ✔ Auxiliary hydraulics oil flow max. 7.9 gal/min
- ✔ Telescopic boom
- ✔ Hydraulic oil cooler, hydraulic parking brake, drive release valve
- ✔ Suspension seat with armrests and seat belt
- ✔ Certified ROPS safety frame + FOPS canopy, rear guard
- ✔ 2 LED front lights (1000 lumen)
- ✔ Multi connector system for hydraulic attachments
- ✔ 23x10.50-12 tractor profile tyres
- ✔ Multi-function display



- ✔ Type 1 charging inlet on loader



120.9 in



3310 lb



110 in



2000 lb



27 kWh



0-6.2 MPH

Specifications



Machine width

Wheel size	Profile	Width
27 x 8.50 - 15*	TR	40.6 in/ 44.6 in
23 x 8.50 - 12	TR or grass	42.5 in
23 x 10.50 - 12	TR or grass	44.5 in
26 x 12.00 - 12*	TR or grass	50.8 in
320/60-12 HD*	TR	50.8 in
26,5 x 14.00 - 12**	grass	55.9 in

** Requires 1.6 in spacers on the wheel hubs

Model	Avant e527
Length	102.8 in
Width	44.9 in
Height	78.2 in
Weight	3310 lb
Standard wheels	23x10.50-12" TR
Transmission, drive	hydrostatic Avant Optidrive®
Drive speed*	6.2 MPH
Auxiliary hydraulics	7.9 gal/min/2680 PSI
Hydraulic oil cooler	standard
Turning radius inside / outside	39.2 / 80.7 in
Lift height	110 in
Max. tipping load**	2000 lb
Max. breakout force / 50 cm	2400 lb
Battery type	Avant OptiTemp®, lithium-ion
Capacity	27 kWh
Lithium ion battery voltage	44 V
Fuel	electric
Operating time***	6 hours
Product no:	ME527

* 15" wheels

** with 400 lbs rear side weights

*** In medium duty loading work; no hydraulic attachments used.

Multi-function display

500, 600, 700, 800 and e series

The multi function display is standard on all new 500, 600, 700, 800, and e series loaders. This display compiles the information on the individual gauges, in addition to general and model specific information about the loader. Additional information can be selected with buttons on the display.



Diesel powered loaders



Battery powered loaders

Basic display view

This view is automatically shown when the loader is started.

- Ambient temperature can be displayed in Fahrenheit or Celsius
- Total operating hours, current time, selected drive speed range, engine RPM
- Message area: instead of information listed above
- Auxiliary hydraulics pump selection switch position
- Current output of auxiliary hydraulics in litres or gallons per minute
- Hydraulic oil temperature

Diesel powered loaders:

- Current fuel consumption in litres or gallons per hour (on models with electronically controlled engine 635i/640i/645i/650i/735i/755i/760i/860i)
- Load sensor information, fuel level
- Information about selected display page and DPF controls (645i/650i/755i/760i/860i)
- Auxiliary hydraulics pump selection switch position

Battery powered loaders:

- Momentary power consumption
- Battery charge status

Tire options, on a new machine



1



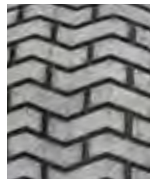
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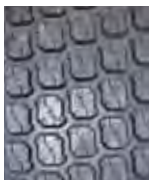
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4



5



6

Size	Tread	Product no:	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527	
20 x 8.00 - 10	1, TR	MW20810T	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
20 x 8.00 - 10	4, Grass	MW20810G	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
5.70-12	2, TR	MW5.5712T	⊗	⊗	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
23 x 8.50-12	2, TR	MW5.238512T	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊕
23 x 8.50-12	4, Grass	MW5.238512G	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊕
23 x 10.50-12	3, TR	MW5.2310512T	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊕
23 x 10.50-12	4, Grass	MW5.2310512G	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊕
26 x 12.00-12	3, TR	MW10.261212T	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊕
26 x 12.00-12	4, Grass	MW10.261212G	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊕
320/60 - 12 HD	3, TR	MW10.3206012T	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊕
27 x 8.50-15	2, TR	MW10.278515T	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊕
26.5 x 14.00-12*	5, Grass	MW10.2651412G	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊕
320/55-15 HD	3, TR	MW10.3205515T	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗
320/55-15 HD	6, Grass	MW10.3205515G	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗
400/50-15	3, TR	MW10.4005015T	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗	⊗	⊗
400/50-15	4, Grass	MW10.4005015G	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗	⊗	⊗
380/55-17	3, TR	MW10.3805517T	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗
380/55-17	4, Grass	MW10.3805517G	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗



* Requires 4 pcs A417486 1.5 in spacers

Spacer kit, 4 pcs

A418958

⊕ Standard

⊕ Option

⊗ Not available

Options, for a new machine



Telescopic boom

The telescopic boom gives more outreach and lifting height, which helps with loading and reaching. It is also easy to adjust the distance between the front wheels and the attachment with the telescopic boom, and you can also push the loader with the teleboom if necessary. Depending on model, telescopic boom gives 15.7-27.6 in more outreach, and the extra lifting height is about 15.7 in.

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Boom self levelling

The self levelling system keeps the position of the attachment the same in relation to the ground, regardless of the position of the boom. Self levelling is hydraulic: there is a levelling cylinder on the left side of the boom which follows the movements of the bucket tilt cylinder and keeps the attachment level. Self levelling is disabled when boom floating is switched on.

The Avant 200 series is equipped with a self levelling boom as standard. The self levelling system is mechanical.

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Boom floating, machine without self levelling

The boom float system releases the lift cylinder so that the boom moves freely upwards from the position where it is when boom floating is switched on, allowing the attachment to follow the contours of the ground.

400 series

A458605

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

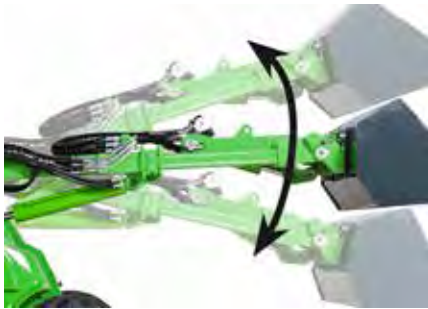


Boom floating, machine with self levelling

The boom float can also be installed on machines with boom self levelling. The boom floating valve bypasses boom self levelling, which means that boom self levelling doesn't work when boom floating is switched on.

200 series A421697 500-, e series A455803

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✗	✓	✓	✓	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	✓



Smooth drive (boom suspension)

Smooth drive is a shock absorber system for the boom. When driving at high speed with a heavy load or heavy attachment the boom starts to move up and down, making driving bumpy. Smooth drive consists of an accumulator which absorbs and eliminates boom movements and makes driving considerably smoother and more stable. Smooth drive requires boom self levelling and boom floating on the loader.

500 series A455808 800 series A458422
600-700 series A445633

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗



Hydraulic attachment coupling plate

The hydraulic attachment coupling plate enables coupling and disconnecting of the attachment from driver's seat. There is a hydraulic cylinder on the attachment coupling plate which moves the locking pins up and down.

500-600, e series A450469
700 series A450470
800 series A460242

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

⊕ Standard ✓ Option ✗ Not available



Joystick 6 functions

On the 6 function joystick the operation of auxiliary hydraulics (hydraulically driven attachments) happens with two buttons on the joystick. This makes work faster and more comfortable, because you don't need to move your hand from the joystick to the auxiliary hydraulics control lever when operating the attachment, and you can also lift the boom and tilt the attachment at the same time if necessary.

200 series

A36785

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✔	✔	⊕	⊕	⊕	⊕	✘	✘	✘	✘	✘	✘	✘	✘	✘	⊕



Joystick 8 functions

On the 8 function joystick both the auxiliary hydraulics and the telescopic boom can be controlled with the switches on the joystick. This speeds up both loading and working with hydraulic attachments.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✘	✘	✘	✘	✘	✘	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	✘



Opticontrol®

Opticontrol® makes it possible to operate both the electric and the hydraulic functions of the attachment with the rocker switches on the control switch pack. This requires the 6 or 8 function joystick on the loader. Opticontrol® speeds up the operation of attachments which have two or more hydraulic functions and an electric solenoid valve for selecting those functions. It consists of the control switch pack which mounts on the boom control lever and a selector switch which mounts on the dashboard of the loader.

When the switch is in OFF position, electric functions of the attachment (e.g. electric turning of the rotary broom, electric water spraying pump of collecting broom, electric selector valve etc.) are controlled with the rocker switches on the control switch pack. When the switch is in ON position, all hydraulic functions of the attachment are controlled with the rocker switches on the control switch pack (e.g. hydraulic rotator and hydraulic cylinder of the timber grab, independent operation of the wings of the flipper bucket & snow plows, functions on the mounting kit for stone installation clamp etc.). This means the operator can keep the hand on the joystick and control all functions of the attachment smoothly and comfortably. If the loader is not equipped with the 6/8 function joystick, only the electric functions of the attachment are operated with the switches on the control switch pack. Opticontrol® can also be retrofitted on a machine already equipped with the control switch pack.

200 series

A36880

500 - 700, e series

A454145

400 series

A36878

800 series

A454220

Opticontrol® retrofit kit, for loaders with attachment control switch pack A437338

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔



Standard



Option



Not available



Adapter cable for attachment control switch pack

Avant loaders manufactured before 2016, where the socket of the attachment control switch pack is not on the multi connector can be retrofitted with an adapter cable. It mounts on the multi connector, and the electric wire from the attachments control switch pack is connected to this adapter cable. The attachment can also be retrofitted with a corresponding adapter cable if necessary. With this updated adapter cable both the electric wire and the hydraulic hoses are connected at the same time with the multi connector.

Adapter cable

A36869

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Adapter plug 12V

Adapter plug to 12V outlet, mounts both on the smaller 12V outlet on 400-800 series and on the bigger outlet on 200 series 2. You can connect the electric wires of any 12V electric appliance (for instance a battery charger) to this adapter. Requires therefore some electrician skills.

Adapter plug 12V

66286

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Auxiliary hydraulics outlet in the rear, double acting

Double acting rear hydraulics is equipped with pressure and return line (on 400-800, e-series also with tank line), and it makes it possible to operate rear mounted hydraulic attachments like tipping trailer, sand spreader etc.

200 series*	A36871
400 series	A34632
500 series	A455809
600 series	A449939
700 series	A450467
800 series	A434872
e series	A459420

* Not with hand drive

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Ⓟ Standard ✓ Option ✗ Not available



Control switch pack for rear mounted attachments

Electric functions of rear mounted attachments can be controlled with this control switch pack. It is necessary, for instance, for operating the 700 and 800 series hydraulic rear lift A427547/ A438490 and the attachment mounted on it (e.g. the electric salt spreader and the hydraulic sand spreaders 1000 & 1250). Other applications: operation of the electric water pump on the A37065 water spraying system of the horse arena harrow, and A37301 electric spreading adjustment of the centrifugal sand/salt spreader. The switch pack is equipped with a strong magnet and can be fastened in a suitable place in the cockpit, for instance on the dashboard. The electric socket is mounted in the rear of the loader.

500-800 series A453712

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗



Second auxiliary hydraulics outlet in the front

In addition to the standard auxiliary hydraulics outlet in the front, equipped with multi connector, the loader can be equipped with an extra double acting outlet. It is double acting (pressure-return) and equipped with conventional quick couplers. If the extra front outlet is installed, rear auxiliary hydraulics outlet is not possible, and vice versa.

400 series	A35504	700 series	A450468
500-, e series	A35884	800 series	A460247
600 series	A449940		

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Drive release valve

The drive release valve diverts the oil flow between the left and right side hydraulic drive motors, and this has an effect on the pulling force. When the valve is open the hydraulic oil flows in series from motor to motor. The wheels roll freely and the loader leaves less tire marks on soft and sensitive surfaces. When the valve is closed, the hydraulic oil flows in parallel between the hydraulic motors on each side, similar to a differential lock in operation. This improves traction and towing capacity of the loader.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕

⊕ Standard ✓ Option ✗ Not available



Anti slip valve

The anti slip valve positively diverts oil flow between the right and left side hydraulic drive motors (forces the oil to flow to both right and left side drive motors) and improves traction on slippery and uneven surfaces. The function of the anti slip valve depends also on the drive release valve: when the drive release valve is closed the anti slip valve diverts oil flow to the drive motors on all four wheels. When the drive release valve is open the anti slip valve diverts the oil flow between the front wheels only.

200 series	A49548
400 series	A34753
500-600 series	A454838
700-800 series	A455810
e series	A444989

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Rear guard

The rear guard protects the rear and the radiator of the engine. It mounts with four bolts and is easy to install and take off. The rear guard is equipped with tie down points and allows mounting of back weights and/or trailer coupling at the same time.

400-600 series	A454760
700-800 series	A455901

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Ⓟ |



Back weight

The extra 64 lbs counterweight mounts on the rear bumper. It is equipped with handle and fastening hooks, so it is easy to just drop the weight on the bumper, and also to connect the weights on each other. Trailer couplings A417323 and A417337 can also be mounted on the weight. Only three back weights permitted.

Back weight	A35957
-------------	--------

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Rear side weights 176 lbs

Rear side weights mount behind the rear wheels. They are delivered as a pair: one on the left and one on the right side. Weight of the kit is 176 lbs, and it is intended mainly for 400 series, but can be mounted on bigger Avants as well.

Rear side weights 176 lbs A36401

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Rear side weights 400 lbs

Rear side weights mount behind the rear wheels. They are delivered as a pair: one on the left and one on the right side. Weight of the kit is 400 lbs.

Rear side weights 400 lbs A49063

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Wheel weight

The Avant 200 series can be equipped with 31 lb wheel weights which mount on the rim with special bolts. They make the center of gravity of the machine lower and add weight, which improves the stability of the loader. Sold as set of four wheel weights.

200 series A46584

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |



Attachment mounting plate in the rear

The attachment mounting plate in the rear is mainly intended for mounting the sand spreaders in the rear of the machine. On 700 and 800 series also the centrifugal spreader can be mounted on it. The plate is a rigid vertical plate which doesn't tilt.

The mounting plate for 528/530 and 600 series is equipped with two bolts for fastening the attachment whereas the 700 & 800 series plate is fitted with the Avant quick attach system and also with hydraulic quick couplers and hydraulic hoses in case the hoses of the attachment are not long enough to reach the optional rear auxiliary hydraulics outlet on the loader.

When mounting hydraulic attachments, the loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.

528, 530, 600 series	A455026
700 series	A441613
800 series	A441666

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗



Hydraulic rear lift

This hydraulic rear lift mounts on Avant 700 and 800 series only. It is mainly intended for the sand/salt spreaders.

The rear lift can be tilted down max. 95°, which means that the sand spreader can be tilted down to horizontal position and filled directly from the sand pile by reversing with the machine. The rear lift requires the optional double acting rear auxiliary hydraulics outlet and the control switch pack for rear mounted attachments on the loader. Selection between operation of rear lift / attachment is made with the switch pack, and the rear lift/attachment is operated with auxiliary hydraulics control lever (or buttons on the joystick, if fitted). Hydraulic cylinders are equipped with check valves which make sure that the rear lift cannot move inadvertently.

700 series	A427547
800 series	A438490

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✗

Standard ✓ Option ✗ Not available



Trailer coupling

There are two types of trailer couplings available: a 2 inch ball hitch and a 2 inch ball hitch with towing pin. Both can be mounted either directly on the rear bumper or on the extra back weight. The Avant 200 series is equipped with a 2 inch ball hitch as standard.

Ball hitch A417323
 Ball hitch with towing pin A417337

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Receiver hitch

Rear/front mounted 2 inch receiver hitch.

Rear:
 400-800 series A438011

Front:
 400-800 series A443494

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Snow chains

Snow chains are available for different tire sizes. They give excellent grip on slippery snowy and icy surfaces. Can be mounted on all four wheels or just on the front or rear axle. Delivered in a bag which includes 2 pcs chains.



SD



HD

5x10 TR, pair SD 64055
 20x8.00-10, pair SD (for 200 series rear wheels) 64454
 23x8.50-12, pair SD 64746
 23x8.50-12, pair HD 64455
 23x10.50-12, pair HD 64745
 26x12.00-12, pair HD 64973
 320/60-12, pair HD 65603
 320/55-15, pair HD 65722
 27x8.50-15, pair SD 65723
 380/55-17, pair HD A445685

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Standard Option Not available



Work light kit, on ROPS frame

The work light kit consists of three LED lights: 2 to the front, 1 to the rear. Two types of LED lights available: 700 lumen or 2500 lumen.

200 series, 700 lumen	A36866
400 series, 700 lumen	A33916
400 series, 2500 lumen	A34917
500 - 800, e series, 700 lumen	A438520
500 - 800, e series, 2500 lumen	A438521
Work light kit with red lights (for beekeepers)	
400 - 800, e series, 400 lumen	A432730

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Extra 12V power kit, e series

The Avant e527 is equipped with a 44 V electric system; in addition there is a 12 V power supply which feeds electricity e.g. to the standard 12 V front lights and the optional work light kits and which is operational only when the electric system of the loader is activated with the ignition switch. There are however some options for e series which require constant 12 V electric current: for instance the emergency blinkers in the road traffic light kit must function also when the electric system is deactivated. For this there is an extra 12 V power kit available as an option for e series. It consists of a 12 V/2.9 Ah battery and a 12 V power supply. The power supply takes care of the normal 12 V current needs and the battery is needed to supply power for short peak currents (e.g. when several 12 V appliances are activated at the same time) and constant current to the road traffic light kit. The extra power kit is necessary with the road traffic light kit, and it is recommended also when e series is fitted with attachments which are equipped with a 12 V electric device, e.g. an electric actuator.

Extra 12V power kit A459419

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓



Trailer socket, 7-pin

The 7-pin trailer socket mounts on the rear bumper of the loader. It is available only with the road traffic light kit. Trailer socket standards vary in different countries, please consult your local Avant distributor.

400 series	A48690
500-600 series	A466165
700-800 series	A418817

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Ⓟ Standard ✓ Option ✗ Not available



Vehicle identification

Vehicle identification number (VIN) or Loader serial no. stamped on loader chassis

VIN T0035
Loader serial T0036

- | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |



Road traffic light kit

The road traffic light kit consists of headlamps, blinkers, reflectors, slow moving vehicle sign (triangle) and beacon. When mounted on the ROPS frame the road traffic light kit of 400-800 and e series also includes the rear wall. It enables road traffic registration in certain countries. Requirements vary in different countries, please consult your local Avant distributor.

200 series	A36773
400 series	A34614
500-600 series	A449941
700 series	A450471
800 series	A454167
e series*	A459418

* requires auxiliary 12V battery kit A459419 on the loader

- | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |



Beacon

The rotating warning beacon is equipped with a very bright LED lamp. It mounts on a tiltable socket and is easy to install and take off.

200 series	A421008
400 series	A34002
500 - 800 series	A438530
e series	A459548

- | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Cab L



The Avant cab L is an excellent and economical choice when the operator wants to have protection against rain, wind and snowfall. It improves operator comfort and working conditions considerably. The cab mounts on the standard ROPS frame, which means safety is guaranteed. It consists of windscreen (equipped with wiper and washer), right side window and rear window. Door is available for 200 series cab L.

200 series	A36681
Door, cab L 200 series	A37278
400 series	A444002
500 - 700-, e series	A449937
800 series	A439264

Installation of the Cab L on the 500 and e series requires the 2 inch taller 600/700 ROPS frame, A33920. Cab L is a factory only option on 500-800 series.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔



Rear wall / Front window

The rear wall / front window mounts on the ROPS frame. It gives protection against wind and light rain.

Rear wall 400 series	A439184
Rear wall 500-700- and e series	A49446
Rear wall 800 series	A439193
Front window 500-700 and e series	A21676

Rear wall/Front window requires the 2 inch higher 600/700 series ROPS frame on 500 series, A33920.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔



Mudguards rear

528, 530, 600 series*	A445950
700 - 800 series	A437518

Rear mudguards can also be retrofitted on 528, 530, 600 - 800 series with Tier 4 Final rear chassis.

* With 26x12.00-12 and 320/60-12HD tires

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✘	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✘



Standard



Option



Not available



Cab GT

The GT is mounted with rubber mounts on the chassis which further reduces vibrations and noise level in the cab. Visibility to the rear wheels is better thanks to larger rear windows. The cab is equipped with heating, sound absorbing interior, windscreen washer and wiper, cab air filter and front & rear mudguards as standard (rear mudguards not fitted as standard with 23x8.50-12, 23x10.50-12 and 27x8.50-15 tires). Optional equipment include air conditioning, air suspension seat, radio, road traffic kit, work light kit, 4-light beacon (2 pcs blinking LED lights above the windscreen, 2 pcs above the rear windows) and rotating beacon.

Cab GT, 528, 530, 600 series	A449936
Cab GT, 700 series	A444539
Cab GT, 800 series	A436732
Work light kit on cab: 2 front, 2 rear, LED 700 lumen	A438528
Work light kit on cab: 2 front, 2 rear, LED 2500 lumen	A438539
Road traffic light kit, 528, 530, 600 series	A449942
Road traffic light kit, 700 series	A450924
Road traffic light kit, 800 series	A455539
A/C on cab, cooler in the rear (600, 700, 800 series)	A438326
Air suspension seat (includes back rest extension)	A455692
Vinyl seat, instead of standard fabric seat with full suspension	A459615
Four-light beacon, on cab (2 pcs LEDs above windscreen, 2 pcs above rear windows)	A438538
Rotating beacon	A438530
Radio, with bluetooth	A438587
Fire extinguisher 4.4 lb, dry powder, ABC class	A452921



- 220 ✗
- 225 ✗
- 423 ✗
- 523 ✗
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✗



Standard



Option



Not available



HD cover plates

HD cover plates are made of extra shock resistant polycarbonate with great tensile strength. They can take the beating on the construction site and will even resist jumping on them. The HD covers are as shiny as the standard ABS covers.

423	A425274
523	A455813
e series	A459421

528, 530, 600 series:

ROPS/ Cab L	A449946
Cab GT	A449944

700 series:

ROPS and cab L	A449945
Cab GT	A449943

800 series:

ROPS and cab L	A438664
Cab GT	A438665

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Coated Protective Panels

Extreme abrasion, chemical, corrosion, moisture and impact resistance. Inside and outside panel lined. UV protectant. 300% Tougher than most hybrid products.

Contact Avant for proper part numbers.

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Ⓟ Standard ✓ Option ✗ Not available



Suspension seat

The vinyl suspension seat with adjustable suspension is standard equipment on 200, 400, 500 and e series. It is equipped with seat belt, left arm rest. Seat heater is not available.



Standard right armrest

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	✗	✗	✗	✗	✗	✗	✗	✗	✗	Ⓟ



Full suspension seat

The full suspension seat with larger suspension is standard equipment on 600, 700 and 800 series. It is equipped with seat belt, left arm rest and seat heating in the seat cushion and backrest.



Standard right armrest

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✗	✗	✗	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	✗



Fire extinguisher

Class ABC (solid non-metallic substances, fluids, gasoline, oils, flammable gases, electrical equipment) dry powder 4.4 lb fire extinguisher, available for loaders with ROPS safety frame and with cab GT. Installed in the cockpit footwell.

400-800, e series, loaders with ROPS frame A452904
 500-800 series, loaders with cab GT A452921

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Ⓟ Standard ✓ Option ✗ Not available



Engine heater

The engine block heater assists with starting in low ambient temperatures.

423/523, block	A435412
528, 530, block	A435413
635i, 640i, 735i, block	A458198
645i, 650i, block	A449951
755i, 760i, 855i, 860i, block	A435414

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗



Exhaust purifier

The exhaust purifier can be mounted instead of the standard exhaust muffler. It reduces diesel engine emissions. In Kubota V1505CRT engine a diesel oxidation catalyst (DOC) is integrated in the same housing with the diesel particulate filter DPF. The Kohler KDI TCR 1903 engine is equipped with DOC as standard, and on models with the Kohler KSD 1403NA engine an exhaust purifier is standard equipment as well (in the exhaust pipe before the exhaust muffler).

423, 523	A424843
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220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✗	✗	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	✗



Hand drive controls

Hand drive controls enables the forward-reverse driving of the loader with a switch on the joystick, instead of the drive pedals. The hand drive is proportional like the drive pedals: the more the switch is turned the faster the machine will travel. It is possible to use either the hand drive or the standard drive pedals; selection between hand drive and pedal control happens with a switch on the dashboard.

200 series	A37093
400 series	A37287
500-800 series	A455725

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗

Ⓟ Standard ✓ Option ✗ Not available



Lifting kit, for machines with ROPS frame

The kit includes all necessary slings and instructions for lifting a loader equipped with ROPS frame.

200-800- and e series

A418706

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Tie down bracket in the rear/on the sides

A simple bracket, that makes it easier to tie down the machine during transport. Fits either to the back of the machine or to the side of the rear frame. Can be mounted also between rear frame and trailer coupling or to rear back weight with handle, which allows the use of it even if a trailer coupling is mounted.

400-800, e series

A418746

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



A423161



A423091

Tie down bracket on wheel hub

The bracket makes it easier to tie down the loader on a trailer, truck etc. Two models: for 6-bolt wheel hub and for 5/10-bolt wheel hub.

6-bolt wheel hub

A423161

5 and 10 bolt wheel hub

A423091

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Standard



Option



Not available



Weather cover

The weather cover protects the cockpit against rain, snow, dust and dirt. The weatherproof cloth covers the entire instrument panel, steering wheel and driver's seat. The weather cover is delivered with an integrated pouch where the cover can be wrapped when not in use.

200 series	65435
400-800, e series	65436

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Transport cover

Protects the entire Avast loader during transports on an open trailer or truck. The material is black, robust and all-weather proof fabric which keeps the machine safe from rain, snow and dirt. Comes with a durable pouch.

200 series	65477
400-600, e series	65478
700 series	65479

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Loading ramps

The lightweight and durable aluminium ramps are easy to handle and they stay clean thanks to the open grid design.

Max. load is 2.250 kg.

Loading ramps	65447
---------------	-------

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Standard Option Not available



General bucket

Avant general buckets are designed so that the operator can see the front edge of the bucket from the driver's seat, for quick and easy loading and emptying. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

Length of the bucket has been optimized to give best possible breakout force. The sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

There are narrow holes at the upper end of the bucket which improve visibility and prevent stones from falling towards the operator.

Available with straight edge and with teeth. Teeth protection plate is also available.

- ✓ **All round bucket, suitable for almost every shovelling job**
- ✓ **Excellent visibility to the edge of the bucket**
- ✓ **No reinforcement plates inside the bucket – easy filling and emptying**
- ✓ **High breakout force**
- ✓ **Strong cutting edge made of high tensile, abrasion resistant wear steel**



Option:
 Teeth protection plate 41.3 in A417347
 Teeth protection plate 45.3 in A420132
 Teeth protection plate 51.2 in A417320

Width	Edge	Struck Capacity	Heaped Capacity	Weight	Product no
35.4 in	Straight	5.3 cu ft	6.7 cu ft	137 lb	A36711
35.4 in	Teeth	5.3 cu ft	6.7 cu ft	159 lb	A36716
41.3 in	Straight	4.2 cu ft	5.3 cu ft	110 lb	A36702*
41.3 in	Straight	6.7 cu ft	8.5 cu ft	161 lb	A36710
41.3 in	Teeth	6.7 cu ft	8.5 cu ft	183 lb	A36780
45.3 in	Straight	7.4 cu ft	9.2 cu ft	172 lb	A36709
45.3 in	Teeth	7.4 cu ft	9.2 cu ft	201 lb	A36779
51.2 in	Straight	8.5 cu ft	10.6 cu ft	190 lb	A36698
51.2 in	Teeth	8.5 cu ft	10.6 cu ft	216 lb	A36778
53.1 in	Straight	8.5 cu ft	10.9 cu ft	199 lb	A36996
53.1 in	Teeth	8.5 cu ft	10.9 cu ft	225 lb	A36997

* A36702 is the general bucket for 200 series 2 – the dimensions and weight match the lift capacity of 200 series 2. Wider general buckets can be used on 200 series 2 as light material bucket.

- 220 ✓
- 225 ✓
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i -
- 755i -
- 760i -
- 855i ✗
- 860i ✗
- e527 ✓

✓ Compatible - Not recommended ✗ Incompatible

Heavy duty general bucket

Avant heavy duty general buckets are available starting from a width of 51 in. In addition to being heavier and made of stronger material, they have more capacity than standard general buckets. This makes them ideal tools for harder earthmoving and material handling jobs, and the HD buckets are best suited for Avant 600, 700 and 800 series.

The other features are the same as on standard general buckets: good visibility to the edge of the bucket. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete filling and emptying of all kinds of materials.

- ✓ **Heavy duty bucket for more demanding earthmoving and material handling jobs**
- ✓ **Excellent visibility to the edge of the bucket**
- ✓ **No reinforcement plates inside the bucket – easy filling and emptying**
- ✓ **High breakout force**
- ✓ **Strong cutting edge made of high tensile, abrasion resistant wear steel**



Width	Struck Capacity	Heaped Capacity	Weight	Product no
51.2 in	10.9 cu ft	13.1 cu ft	278 lb	A36713
57.1 in	12.4 cu ft	14.8 cu ft	304 lb	A36712
63.0 in	13.8 cu ft	16.2 cu ft	331 lb	A36535
63.0 in XL	15.2 cu ft	21.2 cu ft	419 lb	A437578

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Light material bucket

Light material buckets are intended for handling of light materials including snow, saw dust, manure, mulch, etc.

The bottom of a light material bucket is considerably longer and the sides are higher than on a general bucket, which speeds up the work a lot. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

- ✓ **Fast and easy moving of light materials**
- ✓ **Excellent visibility to the edge of the bucket**
- ✓ **No reinforcement plates inside the bucket – easy filling and emptying**
- ✓ **High back of the bucket prevents material from falling over the rear edge and guarantees high volume**
- ✓ **Strong cutting edge made of high tensile, abrasion resistant wear steel**



Width	Struck Capacity	Heaped Capacity	Weight	Product no
45.3 in	12.0 cu ft	15.2 cu ft	276 lb	A36715
51.2 in	13.8 cu ft	17.5 cu ft	298 lb	A36714

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ⊖
- 860i ⊖
- e527 ✓

✓ Compatible
 ⊖ Not recommended
 ✗ Incompatible

XL light material bucket

The XL light material bucket is a large capacity bucket, best suited for the Avant 600, 700 and 800 series. It is intended for loading and transporting of light materials like wood chips, mulch, snow etc. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle, which guarantees easy and complete emptying of all kinds of materials and in difficult conditions also.

- ✔ Large volume
- ✔ No reinforcement plates inside the bucket
- ✔ Robust design
- ✔ Intended for bigger Avant loaders
- ✔ XXL bucket available for 800 series

Width	Struck Capacity	Heaped Capacity	Weight	Product no
57.1 in	19.8 cu ft	25.1 cu ft	410 lb	A458113
63.0 in	21.5 cu ft	27.5 cu ft	440 lb	A458092
71.0 in	24.7 cu ft	31.8 cu ft	480 lb	A458030

XXL light material bucket for 800 series:

Width	Struck Capacity	Heaped Capacity	Weight	Product no
71.0 in	37.1 cu ft	45.9 cu ft	562 lb	A437601
78.7 in	41.3 cu ft	51.2 cu ft	606 lb	A435096



	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
XL	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
XXL	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔	✔	✘

✔ Compatible ✔ Not recommended ✘ Incompatible



4 in 1 bucket

This efficient multi-purpose bucket can be used as a normal bucket in addition to a dozer blade, leveler or a grab. The front part of the bucket opens with 2 hydraulic cylinders, located on the back side of the bucket, which enables dozing, levelling and picking of stones, tree stumps etc. Another benefit of the opening bottom is that the bucket can be emptied at a higher level by opening the bottom instead of tipping the bucket edge down.

Available with straight edge or with teeth.

- ✓ All round tool for landscaping and groundcare
- ✓ A versatile bucket suitable for many different jobs at different stages on the work site



Edge	Width	Struck Capacity	Heaped Capacity	Weight	Product no
straight*	45.3 in	5.8 cu ft	7.5 cu ft	456 lb	A462542
straight*	51.2 in	6.4 cu ft	8.4 cu ft	487 lb	A457723
straight	57.1 in HD	7.2 cu ft	10.6 cu ft	540 lb	A428472
straight	63.0 in HD	8.1 cu ft	11.8 cu ft	567 lb	A36906
straight	71.0 in HD	9.2 cu ft	13.1 cu ft	630 lb	A446413
teeth	57.1 in HD	7.2 cu ft	10.6 cu ft	567 lb	A428508
teeth	63.0 in HD	8.1 cu ft	11.8 cu ft	610 lb	A37248
teeth	71.0 in HD	9.2 cu ft	13.1 cu ft	661 lb	A446873

- Option:
- Teeth protection plate 45.3 in A420132
 - Teeth protection plate 51.2 in A417320
 - Teeth protection plate 57.1 in A417321
 - Teeth protection plate 63.0 in A419977
 - Teeth protection plate 71.0 in A446914

*) bolt-on teeth (product no. A48608, 5 pcs) available as an option

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50															
✓ Compatible ⊖ Not recommended ✗ Incompatible															



High tip bucket

The high tip bucket is the right choice when you need to reach higher and longer. The bucket is equipped with a hydraulic cylinder that pushes and tips the bucket over its front edge, which gives considerably more tipping height than with a normal bucket.

Maximum tipping height with telescopic boom on 400, 500 and 600 series 124" and on 700 series 138" and on 800 series as high as 157".

- ✔ High tipping height
- ✔ Excellent for loose and light material loading



Width	Struck Capacity	Heaped Capacity	Weight	Product no
41.3 in	5.3 cu ft	6.7 cu ft	284 lb	A2631
50.4 in	12.4 cu ft	14.8 cu ft	353 lb	A2824

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible
 Not recommended
 Incompatible



XL high tip bucket

The XL high tip bucket has more loading volume which is very useful when loading light materials. The bucket is an ideal tool for snow removal, loading of wood chips and for loading works on recycling plants etc.

Tipping of the bucket happens with two hydraulic cylinders – this means emptying is easy with full load in the bucket. There are no reinforcement plates inside the bucket which would interfere when loading and emptying. This means filling the bucket requires less power and all kinds of materials come out of the bucket completely while emptying.

- ✔ **Large volume bucket for efficient loading of light materials**
- ✔ **Tipping height as high as 157 in (with 800 series)**
- ✔ **No reinforcement plates inside the bucket – efficient filling and emptying of the bucket**



Width	Struck Capacity	Heaped Capacity	Weight	Product no
57.1 in	18.7 cu ft	24.0 cu ft	595 lb	A36841
70.9 in	29.0 cu ft	31.8 cu ft	730 lb	A21273

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible
 Not recommended
 Incompatible



Grapple bucket

The grapple bucket combines a normal bucket and a grapple, making it suitable for a wide range of jobs. It can be used for the transporting and loading of branches, wood chips, compost, straw, manure, construction waste and related materials. It can also be used as a normal bucket with the grapple in the upright position.

- ✔ **Versatile bucket for handling of loose materials**
- ✔ **Larger XL models with two cylinders intended especially for 700 and 800 series**



Option:
Side plates, kit, for XL grapple buckets A439112

Width	Weight	Product no
35.4 in	287 lb	A36304
41.3 in	322 lb	A36316
51.2 in	370 lb	A36323

XL grapple bucket for 700 and 800 series:

Width	Weight	Product no
51.2 in	595 lb	A441963
57.0 in	635 lb	A441946
63.0 in	672 lb	A439086

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
Standard	⊖	⊖	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	⊖	⊖	✔
XL	✘	✘	✘	✘	⊖	⊖	⊖	⊖	⊖	⊖	✔	✔	✔	✔	✔	⊖

✔ Compatible ⊖ Not recommended ✘ Incompatible



Demolition grapple bucket

The demolition grapple bucket with two hydraulic grapples (51.2 in and 42.5 in) or one (35.4 in) is strong and versatile attachment for handling of construction and demolition waste. Hydraulic cylinders and hoses & fittings are well protected against falling debris.

✔ **Versatile bucket with two hydraulic grapples (51.2 in and 42.5 in) or one (35.4 in), for demolition, construction and tree care industry**



Width	Weight	Product no
35.4 in	342 lb	A441014
42.5 in	465 lb	A37465
51.2 in	502 lb	A37535

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527





Levelling bucket

Avant levelling buckets are built with heavy duty construction in mind. The levelling bucket has a sharp back edge which makes levelling easy when driving backward. Other features include a longer bottom, which enables the driver to see the tip of the bucket perfectly. This also makes levelling easier. The new levelling buckets are stronger and without requiring reinforcement bars inside, which makes filling and emptying easier. They are also larger than the earlier models.

- ✓ Excellent visibility to tip of bucket
- ✓ Sharp back edge enables exact levelling when driving backward
- ✓ Heavy duty design
- ✓ Larger 63.0 in and 70.9 in XL buckets intended especially for 700 and 800 series



Width	Struck Capacity	Heaped Capacity	Weight	Product no
57.1 in	8.8 cu ft	13.4 cu ft	386 lb	A36717
63.0 in	9.9 cu ft	14.8 cu ft	419 lb	A36706
63.0 in XL	14.7 cu ft	20.8 cu ft	507 lb	A445616
70.9 in XL	16.4 cu ft	23.5 cu ft	551 lb	A443761

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
Std.	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
XL	✗	✗	✗	—	—	—	—	—	—	—	✓	✓	✓	✓	✓	—

✓ Compatible
 — Not recommended
 ✗ Incompatible



Pallet fork

The Avant pallet fork is the right attachment for lifting and handling of different types of materials on pallets. The fork width can easily be adjusted thanks to the quick lock mechanism. The forks are made of high tensile forged steel and designed in accordance with the ISO2330 standard.

Avant is an excellent machine for load handling thanks to the precise steering and drive control. Compared to a conventional forklift truck, the Avant is a far superior all terrain year-round loader.

- ✔ **Excellent field of vision both to the attachment and to the environment makes working with pallet forks precise and easy**
- ✔ **A useful attachment for all material handling jobs**
- ✔ **Can be tilted sideways and rotated with the optional tilt adapters and attachment rotator**



Option:
 Bolt on back frame A36346
 Rotation support, adjustable A441445
 (prevents boxes from falling from the pallet fork when rotating & emptying them with the attachment rotator A424406)

Model	Fork length	Max. load	Weight	Product no
Regular	33.5 in	2200 lb	198 lb	A21047
Long	43.3 in	3100 lb	255 lb	A21039
XHD	47.2 in	4400 lb	310 lb	A36589

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Pallet fork with side shift

Hydraulic fork adjustment on the pallet fork makes it possible to move the forks further apart or closer together easily and comfortably from the driver's seat. The forks can also be moved to the left or to the right, making it possible to shift the load to the side of the machine. All functions can be operated from the driver's seat. The pallet fork is equipped as standard with a bolt-on back frame which allows handling of larger loads and protects the driver from falling objects.

- ✓ Hydraulic side shift and fork width adjustment
- ✓ Bolt-on back frame as standard
- ✓ Two models available, with 43.3 in or 47.2 in forks, max. load 4410 lb on both



Model	Standard	XL
Fork length	43.3 in	47.2 in
Max. load	4410 lb	4410 lb
Frame width	43.9 in	61.0 in
Weight	419 lb	496 lb
Product no	A449516	A442071

The optional Opticontrol® is recommended on the loader.

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
Std.	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
XL	✗	✗	✗	—	—	—	—	—	—	—	✓	✓	✓	✓	✓	—

✓ Compatible
 — Not recommended
 ✗ Incompatible



Sleeves on pallet forks

There are two types of sleeves available for 43.3 in and 47.2 in long pallet forks. They are pushed on the fork and locked with a bolt.

Nursery sleeves are intended for handling larger plants with root balls. The plants stay better on the sleeves than on the forks only, and the risk of damaging the root ball is smaller. The sleeves can be mounted both on the standard 43.3 in and 47.2 in pallet forks and the hydraulic forks, but it is much easier and faster to handle different size plants with the hydraulically adjustable forks.

Bale sleeves allow lifting and handling different (round) bales. They work best on the A442071 HD hydraulic pallet forks.

✔ **Compatibility: pallet forks A21039, A36589, A36279, A449516, A442071**

	Nursery sleeves	Bale sleeves
Length	53.4 in	52.2 in
Weight	126 lb	60 lb
Product no	A444929	A448768



- 220 ✔
- 225 ✔
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔



Skip bucket

The skip buckets can be transported and emptied easily with Avant. The bucket can be equipped with castor wheels, which allow it to be moved and filled by hand effortlessly. A full bucket can then be taken away and emptied with Avant.

- ✔ **Replace the waste bins on the site with the skip bucket – loading, transporting and emptying of the bucket is very easy with Avant**
- ✔ **Castor wheels available as an option (solid plastic wheels or pneumatic tires)**
- ✔ **Supports instead of wheels available as an option – they raise the rear and lower the front of the bucket by approx. 3.5 in, which makes it easier to empty e.g. a wheelbarrow into the bucket**



Width	Volume	Weight	Product no
34.6 in	22.2 cu ft	254 lb	A36588
50.4 in	33.5 cu ft	320 lb	A36595

Options:

- A418506 Castor wheels, 4 pcs (will increase bucket height by 6.5 inches)
- A420800 Castor wheels, pneumatic tires, 4 pcs will increase bucket height by 9.3 inches)
- A420537 Supports, 4 pcs
- A421005 Lifting brackets, 4 pcs

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

✔ Compatible — Not recommended ✘ Incompatible



Jib boom

The jib boom is equipped with a rotating lifting hook. Maximum lifting height to the tip of the jib boom, with the telescopic boom of the loader extended, is about 177" (800 series).

- ✓ **Economical attachment, suitable for many different lifting jobs**
- ✓ **Connecting points on the boom increase lifting safety**



Lifting point distance from attachment plate	47.2 in
Total length	51.2 in
Width	21.7 in
Height	12.4 in
Weight	75 lb
Rated max load	1100 lb
Product no	A428481

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓

Telescoping jib boom

The hydraulically telescoping jib boom is a very efficient and versatile tool in all lifting jobs on the work site. The smoothly extending and retracting boom allows lifting to places that would otherwise be very hard to reach. The compact design, coupled with the telescoping cylinder inside the boom, makes work safe and easy.

The jib boom is equipped with a rotating lifting hook and durable wear pads on the outer boom.

- ✓ **Excellent outreach, as much as 134" from the front wheels**
- ✓ **Max. lift height with 800 series as high as 205"**
- ✓ **Versatile lifting attachment for various load handling jobs**

Max. boom length	74.8 in
Min. boom length	51.2 in
Max. lifting height*	205 in
Max load Avant 800 series*	1102 lb
Max load Avant 700 series*	880 lb
Max load Avant 600 series*	660 lb
Max load Avant 500 series*	550 lb
Max. outreach*	134 in
Weight	243 lb
Product no	A21342

* Both the telescopic boom of the loader and the jib boom extended to max. outreach.



220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Hydraulic trailer hitch

The hydraulic trailer hitch features hydraulic height adjustment of the ball hitch, which makes it easier to connect trailers in varying heights and ground conditions. The hitch is equipped with both ball and a towing pin.

Attention: Requires double acting rear auxiliary hydraulics outlet on the loader.

- ✓ **Equipped with 2 inch ball hitch/ towing pin**
- ✓ **9.8 in vertical hitch height adjustment**
- ✓ **Hydraulic cylinder equipped with lock valve**
- ✓ **Can be mounted on 400-800 series**



Height adjustment	hydraulic, 9.8 in
Weight	66 lb
Product no	A36518

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Ball hitch on front

An easier way to move trailers. Because of the perfect visual of the ball hitch, it is very easy to couple a trailer by driving the ball under the trailer and locking it in the coupling plate by lifting the boom of the loader.

Equipped with a combined 2 inch ball hitch/towing pin.

- ✔ **Easier way to couple to and move trailers etc. with Avont**
- ✔ **Best possible field of vision to the trailer enables very precise handling in tight situations**
- ✔ **Easy and fast to mount on Avont**



Weight	Product no
75 lb	A35592

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible
 Not recommended
 Incompatible



Beehive mover

The Avant beehive mover is intended for loading and transporting of beehive boxes, but it can handle other objects like cardboard boxes as well. The mover can carry as many as 12 beehives at a time. It consists of a mast, a pallet fork that is mounted on the lower end of the mast, and a hydraulic grapple at the upper end of the mast which presses the boxes against the pallet fork. The grapple is equipped with rubber pads which hold the beehives firmly but gently.

The beehive mover can be mounted on all Avant loaders, and if the beehives need to be transported longer distances by truck it is easy to take the Avant on the truck as well and unload and move the beehives at the destination.

The grapple can be set to five different heights between 16.7 - 53.7 in following the height of the load, and the vertical movement of the grapple is 13.4 in. Distance between the rubber pads can be set manually to four different widths between 11.0 - 28.7 in. Max. load on the beehive mover is 2200 lb and max. pressing force is 4000 lb, which means it can handle other materials that are on pallet as well. Especially lighter boxes and similar objects which don't stay on the pallet without support are easy to handle with the beehive mover.



- ✔ **Fast and easy way to load and transport beehive boxes**
- ✔ **Can handle also cardboard boxes and similar objects**
- ✔ **Mounts on all Avant loaders**
- ✔ **Also available with 43.3 in A21039 or 47.2 in A36589 pallet forks**

Max. load	2200 lb
Max. pressing force	4000 lb
Pallet fork length	33.5 inch
Grabbing width	11.0 - 28.7 inch (four widths can be set manually)
Grapple height	16.7 – 53.7 inch (five heights can be set manually)
Grapple cylinder stroke	13.4 inch
Height	76.8 inch
Width	39.4 inch
Length	37.8 inch
Weight	355 lb
Product number	A36935

- 220 ✔ 225 ✔ 423 ✔ 523 ✔ 528 ✔ 530 ✔ 635i ✔ 640i ✔ 645i ✔ 650i ✔ 735i ✔ 755i ✔ 760i ✔ 855i ✔ 860i ✔ e527 ✔
 64 ✔ Compatible – Not recommended ✘ Incompatible



Site toolbox

This robust and versatile toolbox mounts on the attachment coupling plate and can be transported with Avanti to the worksite. The flat reinforced cover can be used as a workbench. A screw vice can be also be mounted on the box.

The lid is equipped with gas springs and can be locked with a pad lock. Four lifting lugs are mounted with bolts on the sides. They can also be removed if necessary. The box is also equipped with lifting brackets for forklift.

The box holds many handheld tools inside. It keeps tools in good order and is easy to lift to the back of a van or to a safe place for the night or can be locked to Avanti.

- ✔ **Spacious, lockable box for handheld tools**
- ✔ **Easy to lift and transport with Avanti loader**
- ✔ **Flat reinforced cover can be used as a workbench**
- ✔ **Can be equipped with a screw vice**



Volume	19.4 cu ft
Weight	353 lb
Product no	A21689

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
⊖	⊖	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

✔ Compatible ⊖ Not recommended ✖ Incompatible



Dozer blade 1400

Equipped with hydraulic blade rotation, the Avant dozer blade is the ideal tool for snow removal, earthmoving and similar jobs where the materials must be dozed away. The blade has a spring release mechanism which protects the blade and operator in the event that it hits an obstacle.

- ✔ **Economical dozer blade, well suited for snow removal**
- ✔ **Spring release mechanism for improved safety**
- ✔ **Two solid skid shoes as standard—reduces blade wear and improves maneuverability**
- ✔ **Ice cutting edge and plastic edge available as an option**



Blade width	55 in
Slewing angle	±30 °
Weight	275 lb
Blade height	15 in
Product no	A36649

Options:

Extensions 2 x 7 inches (can be mounted straight or in collecting position) A36651
 Ice cutting edge A32315, Ice cutting edge 7 in on extension A413823
 Plastic edge 55 in A32383 Plastic edge 7 in on extension A48870
 Stopper plates, kit (locking of blade's spring release) A443915

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible Not recommended Incompatible



Dozer blade 2000/2500

Equipped with hydraulic blade turning, the Avant dozer blade is the ideal tool for snow removal, earthmoving and similar jobs where the materials must be dozed away quickly. The dozer blade 2000/2500 features a completely new design. The blade is higher and more curved than earlier and moves material more efficiently to the side. Hydraulic slewing, spring release and skid shoes are standard equipment designs. So are the turnable 2x12.2 in extensions which can be mounted in straight or collecting position. The completely new floating system allows the blade to float vertically, which makes working on uneven surfaces considerably easier and more efficient. The blade can also float sideways $\pm 10^\circ$. The floating system can be adjusted manually in three different positions:

- 1) Free floating – both vertically and sideways
- 2) Sideways floating $\pm 10^\circ$ only, without vertical floating
- 3) Rigid position – both vertical and sideways floating locked with bolts

Options Dozer blade 2000:

- A417437 Ice cutting edges, kit, for main blade and extensions
- A417441 Plastic edges, kit, for main blade and extensions
- A417345 Support wheels, 2 pcs

Options Dozer blade 2500:

- A417729 Ice cutting edges, kit, for main blade and extensions
- A417672 Plastic edges, kit, for main blade and extensions
- A417345 Support wheels, 2 pcs

- ✔ **Two solid skid shoes which reduce blade wear and improve maneuverability**
- ✔ **Robust construction, with spring release mechanism designed for professional use**
- ✔ **Turnable extensions is standard, can be mounted in collection position or straight**
- ✔ **Support wheels, instead of skid shoes, available as an option – keep working height more constant when working on sensitive surfaces**

Model	2000	2500
Blade width	54.7 in main blade + 2x12.2 in bolt-on extensions	72.4 in main blade + 2x12.2 in bolt-on extensions
Slewing angle	$\pm 30^\circ$	$\pm 30^\circ$
Weight	474 lb	511 lb
Blade height	23.2 in	23.2 in
Product no	A36123	A36251

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
2000	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2500	✘	✘	–	–	–	–	✔	✔	✔	✔	✔	✔	✔	✔	✔	–

✔ Compatible – Not recommended ✘ Incompatible



Snow plow

The Avant snow plow is a versatile attachment for snow removal. It consists of two independently hydraulically adjustable blades. Angle of the blades is be adjusted with a switch from the driver's seat. Both blades have a spring release mechanism in the lower part of the blade to prevent any sudden stop should the blade hit an obstacle. The floating mechanism on the mounting bracket guarantees that the blade follows ground as well as possible.

The snow plows feature:

- Vertical floating system
- Well curved blade – moves snow efficiently to the side
- Support legs with skid shoes as standard
- Curved flat cutting edge with standard 12 in hole distance; made of high tensile, abrasion resistant wear steel



Option:

- Ice scraper edges, kit, snow plow V1600 A453070
- Ice scraper edges, kit, snow plow V1800 A36817
- Ice scraper edges, kit, snow plow V2400 A36818
- Plastic edges, snow plow V1600 A453068
- Plastic edges, snow plow V1800 A37173
- Plastic edges, snow plow V2400 A37171

- ✓ **Versatile snow removal tool for professional use**
- ✓ **Two independently controllable blades: can be adjusted in straight, V or Y position**
- ✓ **Advanced floating system allows working on uneven surfaces as well**

Model	V1600	V1800	V2400
Blade width	51.6-63.0 in	59.4-72.4 in	79.5-96.5 in
Total width (with curved end flat edge/ice scraper blade)	54.0-65.4 in	61.8-74.8 in	81.9-98.8 in
Blade turning angle	±35 °	±35 °	±35 °
Weight	483 lb	728 lb	860 lb
Blade height	29.0 in	30.3 in	30.3 in
Product no	A451470	A36795	A36796

The optional Opticontrol® is required on the loader if blades wanted to be controlled independently (requires also 6 or 8 function joystick on the loader).

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
V1600	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
V1800	✗	✗	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V2400	✗	✗	✗	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	—

✓ Compatible
 — Not recommended
 ✗ Incompatible



Flipper bucket

The flipper bucket is designed for clearing snow in large areas or in areas where snow must be moved long distances. Due to the two hydraulically operated side wings the bucket is extremely versatile in snow clearing and can be operated in smaller areas as well without problems.

With the flipper bucket you can move a very large quantity of snow in one push. Because the wings fold out slightly forward from the sides, you can push 2-3 times the capacity of the bucket between the wings. With the optional Opticontrol® the two wings can be turned independently or simultaneously. This makes the bucket easy to control also in narrow or tight areas.

- ✔ **Large volume bucket**
- ✔ **Two models: 53 in and 71 in with 20 cu ft and 28 cu ft capacity respectively**
- ✔ **Equipped with two hydraulically operated side wings**
- ✔ **Max. working width over 118" (1800)**
- ✔ **With the optional Opticontrol® the two wings can be turned independently or simultaneously**



Option:

- | | |
|-------------------------------------|---------|
| Ice scraper edges, kit, bucket 1350 | A452317 |
| Ice scraper edges, kit, bucket 1800 | A436345 |
| Wear plates, kit, bucket 1350 | A452513 |
| Wear plates, kit, bucket 1800 | A435499 |

Model	1350	1800
Volume	20 cu ft	28 cu ft
Width	53.1 - 104.5 in	70.9 - 118.5 in
Weight	755 lb	840 lb
Product no	A452096	A435885

The optional Opticontrol® is required on the loader if wings wanted to be controlled independently (requires also 6 or 8 function joystick on the loader).

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1350	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	—	—	—	—
1800	✘	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	—	✔	✔	—

✔ Compatible — Not recommended ✘ Incompatible



Zoom snow plow

This snow plow is equipped with a straight main blade and two wings which can be extended and retracted smoothly, powered by two hydraulic cylinders. This provides several different working widths and makes the snow plow very versatile. The plow is also equipped with hinged end plates which can be turned down on the ground. This allows fast and efficient snow collecting. When the end plates are turned up over the blade the plow works as conventional dozer blade and moves snow quickly to the side – and is narrower as well. The end plates are spring loaded which allows them to follow the contours of the ground well.

The zoom snow plow requires the optional Opticontrol® on the loader. Extension and retraction of the wings and turning of the blade are operated with the switches of the switch pack. The wings can be extended one at a time or both at the same time. Working width is adjustable between 53.2” – 92.5”. The telescoping tubes of the side wings are equipped with maintenance free wear pads.

The mounting frame of the zoom snow plow is the same as on the 2000 and 2500 dozer blades. It allows a ±10° vertical floating which can be locked if necessary. The plow is also equipped with ±30° hydraulic blade turning. Ice cutting edge is standard equipment.

- ✔ **Hydraulically extendable dozer blade allows snow removal in smaller yards, on parking lots etc.**
- ✔ **Equipped with two wings which can be extended and retracted independently or both at the same time**
- ✔ **Seamlessly adjustable working width between 53.2” – 92.5”**
- ✔ **Hinged, foldable end plates for efficient snow collecting and moving**
- ✔ **Hydraulic turning ± 30°, spring release of the blade, and 5.3 in vertical & ± 7.5° horizontal floating**

- Option:
- Ice scraper edges, kit A437890
 - Straight cutting edge A437891
 - Rubber edge A431475

Working width	53.2 in – 92.5 in
Max width	57.5 in – 96.9 in
Max length	39.1 in
Blade turning angle	± 30°
Vertical floating	5.3 in
Horizontal floating angle	± 7.5°
Weight	865 lb
Product no	A425180

The optional Opticontrol® is required on the loader.

- 220 ✘
- 225 ✘
- 423 ✘
- 523 ✘
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ⊖

✔ Compatible ⊖ Not recommended ✘ Incompatible



U plow

The U plow is a professional tool for fast and efficient snow removal. It consists of a 72.0 in wide main blade and two side blades which can be turned $\pm 85^\circ$ hydraulically. This allows access through narrow gates and yards, and on the other hand the max. 118.1 in working width with the side blades extended guarantees fast cleaning of larger areas. Collecting and pushing of large amounts of snow is also easy with the side blades turned into "U" position.

The plow is equipped with strong springs which allow the blade to give in backward in case it hits an obstacle, like a lid of well. In this case the plow jumps over the obstacle and the spring returns the blade back to plowing position. The plow is also equipped with $\pm 7.5^\circ$ horizontal floating and two skid shoes as standard. There are also four round reflectors on the edges of the main blade and the side blades.

Minimum working width is 63.0 in with the side blades turned completely to the back, and max. 118.1 in with side blades straight. Turning of the plow happens with two hydraulic cylinders; turning angle is $\pm 35^\circ$. Side blades can be turned independently or simultaneously with the switches of the optional Opticontrol® attachment control switch pack. The plow is equipped with an ice scraper cutting edge as standard, straight cutting edge is available as an option. In addition, an outline marker lamp kit (4 pcs lamps on the edges of the main blade and the side blades) is available as an option instead of the standard round reflectors.

Option:

Straight cutting edge, kit	A442738
Plastic edges, kit	A451877
Outline marker lamps, kit	A442768

- ✓ **Versatile snow plow for professional use**
- ✓ **Equipped with two side blades with $\pm 85^\circ$ hydraulic turning**
- ✓ **Spring loaded blade gives in and the plow jumps over an obstacle in case of contact**
- ✓ **Variable working width 63.0 – 118.1 in allows working on narrow driveways, yards etc.**
- ✓ **Ice scraper cutting edge as standard, straight edge available as an option**

Working width	63.0 in – 118.1 in
Total width	122.3 in
Length	44.6 in
Blade height	29.5 in
Weight	1300 lb
Plow turning angle	$\pm 35^\circ$
Side blade turning angle	$\pm 85^\circ$
Standard cutting edge	ice scraper edge
Product no	A438439

The optional Opticontrol® is required on the loader.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✗

✓ Compatible
– Not recommended
✗ Incompatible



Ice rink scraper blade

The ice rink scraper blade is designed only for the maintenance of ice hockey and skating rinks. Due to the large 118 inch working width and hydraulic turning of the blade cleaning of the rink is fast and easy. The sharp and curved blade moves away the ice and snow quickly and efficiently.

- ✓ **Fast and easy ice and snow removal on ice hockey and skating rinks**
- ✓ **Rubber roller bumper at the right end of the blade protects the blade and the rink when working close to the wall of the ice hockey rink**
- ✓ **Large 118 inch working width**
- ✓ **Hydraulic blade turning $\pm 30^\circ$**



Width	118 in
Height	28.4 in
Length	30.5 in
Blade turning	$\pm 30^\circ$
Weight	320 lb
Product no	A37346

- 220 ✓ 225 ✓ 423 ✓ 523 ✓ 528 ✓ 530 ✓ 635i ✓ 640i ✓ 645i ✓ 650i ✓ 735i ✓ 755i ✓ 760i ✓ 855i ✓ 860i ✓ e527 ✓

✓ Compatible — Not recommended ✗ Incompatible



Snow blower

The Avante snow blower is an efficient snow removal tool with advanced technology. The frame and discharge chute are designed so that there are as little as possible passive surfaces which would prevent snow movement. The Avante design works well both with dry and wet snow and clears compacted snow banks. The feeding auger is made of wear-resistant Hardox steel.

The blower is equipped with two hydraulic motors: one for the auger and one for the discharge impeller. The new type hydraulic motor on the impeller improves the efficiency of the blower considerably. Snow discharge can be directed accurately: the discharge chute can be rotated 260° electrically, operated from the driver's seat. Throwing height can be adjusted manually, electric throwing height adjustment is available as an option and requires the optional Opticontrol® on the loader.

Two working widths available: 42.3 in and 59.1 in.

- ✔ **Efficient high volume snow blower**
- ✔ **Works well both with dry and wet snow**
- ✔ **Equipped with two hydraulic motors: one for the auger and one for the discharge impeller**
- ✔ **Electric 270° discharge chute rotation as standard**
- ✔ **Exact snow discharge**
- ✔ **Manual throwing height adjustment as standard, electric adjustment available as an option**



In the picture, side extensions

Option:

- Side extensions (increase the working width by 8 in)
- Electric throwing height adjustment
- Plastic (polyurethane) cutting edge kit 42.3 in
- Plastic (polyurethane) cutting edge kit 59.1 in

- A452678
- A430172
- A452656
- A452668

Working width	42.3 in	59.1 in
Total width	47.8 in	62.2 in
Frame height	26.8 in	26.8 in
Auger diameter	18.1 in	18.1 in
Chute rotation	260 °	260 °
Weight	545 lb	655 lb
Product no	A434731	A428062

The optional Opticontrol® is recommended on the loader. If the snow blower is equipped with the electric throwing height adjustment, it is required.

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1150	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	—	—	—	—	—	—
1500	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✘

✔ Compatible — Not recommended ✘ Incompatible



Rotary broom

There are three working models of rotary brooms available: 1100, 1500 and 2000. The 1500 and 2000 brooms are equipped standard with power angling by electric actuator motor. This means angling the broom is easily and comfortably operated with a switch from the driver's seat.

With a floating mechanism the brush is resting on its bristles and the whole brush axle is floating freely. Support wheels are available as an option, for working on sensitive surfaces. The optional rubber lip is intended for snow removal: it limits and directs the snow spray. The broom is equipped with supports which can be extended when the broom is not in use, so that the broom rests on the supports and the nylon bristles doesn't get damaged during storage.

- ✓ **Professional sweeper with manual or electric turning**
- ✓ **Free floating broom allows big vertical movement and guarantees excellent sweeping result**
- ✓ **Equipped with extendable supports for storage: nylon brush doesn't get damaged during storing**

Option:

Electric turning for rotary broom 1100, product no. A36112

Poly replacement brush sections, product no. 64716

Wire replacement brush sections, product no. 65888

A35760 Support wheels for rotary broom

A438900 Rubber lip, rotary broom 1100

A438874 Rubber lip, rotary broom 1500

A438914 Rubber lip, rotary broom 2000

Model	1100	1500	2000
Broom width	43.3 in	59.0 in	79.0 in
Total width	53.9 in	70 in	90 in
Boom diameter	21.7 in	21.7 in	21.7 in
Turning	manual	electric	electric
Turning angle	+/- 25 °	+/- 25 °	+/- 25 °
Weight	375 lb	440 lb	575 lb
Product no	A36067	A35284	A35583

The optional Opticontrol® is required on the loader for electric turning.

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1100	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
1500	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
2000	✗	✗	✗	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



New

Snow broom

The snow broom is intended for snow removal on sidewalks, parking lots, and more. It features the 21.7 in nylon brush and hydraulic motor as the original rotary broom without the vertical floating in the mounting frame. Instead, the brush is supported by two support wheels with solid tires. The height of the support wheels can be adjusted with the nylon spacers on the yoke of the wheel.

There are three models available: 43.3 in, 59.0 in, or 79.0 in working width. The 1500 and 2000 models are equipped with +/- 5 sideways floating for better handling and contact with the ground, not required on the 1100 broom. Hydraulic brush turning =/- 30 is standard on all models.

- ✓ **Powerful rotary broom for efficient snow removal on sidewalks, yards, parking lots etc.**
- ✓ **Equipped with two adjustable support wheels with solid tires for easy moving and turning**
- ✓ **Hydraulic +/- 30° brush turning as standard**
- ✓ **Three different working widths available to suit any Avant loader**



Model	1100	1500	2000
Broom width	43.3 in	59.0 in	79.0 in
Total width	54.7 in	70.5 in	90.2 in
Broom turning angle	+/- 30°, hydraulic turning		
Height	24.6 in	24.6 in	24.6 in
Length	43.3 in	43.3 in	43.3 in
Weight	375 lb	432 lb	476 lb
Product no	A454767	A457611	A457678

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1100	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
1500	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
2000	✗	✗	✗	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Collecting broom 1100

The collecting broom 1100 is mainly intended for the Avant 200, 400 and 500 series. The broom diameter is 19.7 in, consisting of 32 brush segments which can be changed one by one. The broom is equipped with three support wheels and with Optifloat® quick attach system which allows both vertical and sideways floating of the broom and guarantees efficient sweeping also on uneven surfaces. Two indicator arrows on the Optifloat® quick attach bracket make adjustment of the floating very easy. Broom height can be adjusted manually, to compensate wear of the nylon bristles.

The collector box with 21 gal volume is mounted in front of the broom. Emptying of the box is hydraulic. Water spraying system for dust binding and one side brush are available as an option.

- ✓ **Intended mainly for 200, 400 and 500 series**
- ✓ **Equipped with Optifloat® → works well on uneven surfaces as well**
- ✓ **Broom height can be adjusted manually**
- ✓ **Collector box with hydraulic emptying in front of the broom, box volume 21 gallon**



Options:
 Water spraying system, with 15.9 gal water tank A37431
 Side brush A35698
 (Water spraying system and side brush not available for 200 series)

Broom width	43.3 in
Total width	53.1 in
Broom diameter	19.7 in
Collector box volume	21 gal
Water tank volume	15.9 gal
Weight without side brush	695 lb*
Weight with 1 side brush	750 in*

* without water spraying system

Product no	Side brush	water spraying system
A36883	no	no
A426229	1 brush	no
A426231	1 brush	yes

The optional Opticontrol® is required on the loader with water spraying system

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible Not recommended Incompatible

Collecting broom 1500

The collecting broom 1500 is mainly intended for professional property maintenance companies, cities and municipalities. The broom has a heavy duty construction, floating brush axle, automatic brush wear compensation and a specially designed water spraying system for dust binding.

The broom is also well enclosed all around the main brush. This gives a better collection result, especially when turning with the machine. The enclosed construction provides the added benefit of less dust formation.

The broom is equipped with three support wheels and with Optifloat® quick attach system which allows both vertical and sideways floating of the broom and guarantees efficient sweeping also on uneven surfaces. Two indicator arrows on the Optifloat® quick attach bracket make adjustment of the broom very easy.



Option:
Side brush A35698
Water spraying system A35642

Model	1500
Broom width	59.0 in
Total width	70.0 in
Boom diameter	21.7 in
Box emptying	Hydraulic (with two cylinders)
Box volume	7.1 cu ft
Water tank volume	32 gal
Weight without side brush	935 lb (without water spraying system)
Weight with 1 side brush	990 lb
Weight with 2 side brush	1050 lb

Product no	Side brush	water spraying system
A35602	no	no
A35918	1 brush	no
A35919	1 brush	yes

The optional Opticontrol® is required on the loader with water spraying system

- 220 ✗
- 225 ✗
- 423 ✗
- 523 ✗
- 528 -
- 530 -
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✗

✔ Compatible - Not recommended ✗ Incompatible



Bucket broom

The bucket broom collects waste in a large bucket shaped box. The broom gives best sweeping result when reversing, but it also works when driving forward. Forward sweeping is recommended when the waste is larger in dimension - for example, construction waste, beverage cups, tree leaves, etc.

The bucket broom is equipped with a floating mechanism which allows the bucket lip to rest against the ground freely. To empty the collector, first lift the broom up hydraulically, then the collector box can be emptied by tilting it down like a normal bucket.

The brush axle is equipped with a simple quick locking system for adjusting the sweeping height. A water spraying system for dust binding is available.

- ✔ Excellent sweeping result when driving backwards
- ✔ Suitable for collecting larger waste
- ✔ Large bucket shaped collector box
- ✔ Quick, hydraulic emptying
- ✔ Rubber blade brush available as an option, for collecting horse manure and similar material



- Option:
- Water spraying system for Bucket broom 1100 A35956
 - Water spraying system for Bucket broom 1500 A35807
 - Rubber blade brush for Bucket broom 1100 A436108
 - Rubber blade brush for Bucket broom 1500 A433868

Model	1100	1500
Broom width	43.3 in	59.1 in
Total width	53.4 in	69.4 in
Box volume	13.1 cu ft	17.7 cu ft
Boom diameter	19.7 in	19.7 in
Water tank volume	31.7 gal	31.7 gal
Product no	A35945	A35689
Product no. with water spraying system	A36023	A36024

The optional Opticontrol® is required on the loader with water spraying system

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1100	✗	✗	✔	✔	✔	✔	✔	✔	✔	✔	—	—	—	—	—	—
1500	✗	✗	✗	—	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✗

✔ Compatible — Not recommended ✗ Incompatible



Push broom

The updated push brooms feature stronger bristles and a new layout: the broom consists of individual brush strips installed in five rows, which means they can be easily replaced if necessary.

The push broom is well suited for landscaping, tree care, and property maintenance job sites.

Optional short side brushes can be mounted on the ends of each broom preventing debris from escaping from either side.

There are several ways to attach the push broom on the loader. The standard way is to mount it on the attachment coupling plate of the loader. It is also possible to grab the broom with the root grapple, by first removing the standard mounting frame on the broom.

In addition, there are adapters available which allow grabbing the broom with silage fork and XL silage grab, or with timber grabs with rotator (A37456 and A37457). This makes working faster: for shorter sweeping jobs as it is not necessary to take off the silage fork or timber grab from the loader.

- ✓ **Economical and simple broom – consists of brush strips mounted in five rows**
- ✓ **No rotating parts → less dust when sweeping**
- ✓ **Well suited for all round sweeping and wood waste cleaning**
- ✓ **Side brushes and adapters for silage forks and timber grabs with rotator available as an option**

Width	47.2 in	59.1 in	78.7 in
Weight	117 lb	132 lb	159 lb
Product no	A449770	A437121	A36453

Option:

Side brushes	A447166
Adapter for silage forks	A447080
Adapter for timber grab with rotator	A449113



✓ Compatible
⊖ Not recommended
✗ Incompatible



High pressure washer

This washer combines low water consumption with high water flow and pressure. High pressure water washes dust, sand and debris out of asphalt, concrete and similar surfaces and doesn't emit dust after drying. Low water consumption makes it possible to clean larger areas with a single pass.

The washer series features three models with different water tank volumes: 73 gal on model S, 147 gal on model M and 221 gal on model L. All washers are equipped with both an angling nozzle bar for street cleaning and a handheld wand with 65 foot retractable hose reel.

Max. water flow and pressure on models S and M are as high as 7 gal/min and 2900 PSI, and on the largest model L the 13 gal/min max. water flow and 3190 PSI pressure make it a very efficient cleaning machine.

Nozzle bar angling is hydraulic on models M & L, operated from the driver's seat. Model S is equipped with manual angling.

- ✓ **Efficient high pressure washers, equipped with both a nozzle bar for street cleaning and with a handheld washing gun**
- ✓ **Three models: S, M and L with water tank volumes of 73 gal, 147 gal and 221 gal respectively**
- ✓ **Models M & L equipped with hydraulic nozzle bar turning for professional street cleaning**



Model	S	M	L
Max. water flow	7 gal/min	7 gal/min	13 gal/min
Max. water pressure	2900 PSI	2900 PSI	3190 PSI
Water tank volume	73 gal	147 gal	221 gal
Working width	59 in	71 in	79 in
Nozzles	8 pcs	9 pcs	9 pcs
Weight	210 lb	503 lb	610 lb
Product no	A37012	A37013	A37014

The optional Opticontrol® is required on the loader with hydraulic turning on models M & L.

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
M	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
L	✗	✗	✗	✗	✗	✗	—	—	—	—	✓	✓	✓	✓	✓	✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Artificial turf attachment ATA1200

The artificial turf attachment ATA1200 is made for professionals. It cleans, filters & returns the infill in a single pass. The fully hydraulic system powered with Avant performs the cleaning tasks efficiently, economically and with a very low impact footprint in all artificial surfaces.

The regular cleaning and maintenance of the artificial surface reduces compaction and retains the optimum surface conditions and playing dynamics year-around. Well maintained sport surfaces also reduce the risk of acute and chronic injuries.



Option:
 Rear brush at the back of the unit to level the infill and finish the cleaning, A37035
 Front rake for deep cleaning of the field, A37061
 Sand sieve, A421389
 Deep cleaning sieve, A421391
 Tilt adapter 90 degrees, to be able to access through smaller gates and corridors (requires optional second auxiliary hydraulics outlet in the front) A36505
 ATA Speed Valve: Reduces machines speed while allowing full engine RPM.

- ✔ Rotating main brush
- ✔ Turbine powered dust and fine particle extraction system including 2 collection hoppers
- ✔ Adjustable and interchangeable sieving chamber with 2 large rear hoppers to collect larger debris
- ✔ Rubber/cork infill sieve as standard, other sieves available as an option
- ✔ Refill unit operating at 1.5x the ground speed to put back the cleaned rubber and soil
- ✔ Foldable following brush at the back of the unit to level the infill and finish the cleaning

Working width	47.2 in
Weight	794 lb
Product no, without rear brush	A36494
Product no, with rear brush	A37230

includes rubber/cork infill sieve, without front rake

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i -
- 640i -
- 645i -
- 650i -
- 735i ✘
- 755i ✘
- 760i ✘
- 855i ✘
- 860i ✘
- e527 -

✔ Compatible - Not recommended ✘ Incompatible



Artificial turf maintenance brush

The brush is intended for the daily and weekly maintenance of artificial turf fields. It does not limit or prevent the use of the artificial turf attachment ATA1200, because ATA1200 is intended for monthly maintenance of the field.

The main function of the maintenance brush is to brush up the compacted field's fibers in order to make the field softer again. It also distributes the infill (rubber, cork or sand) evenly so that the field stays softer longer. It is equipped with a floating attachment bracket which makes sweeping easier and boom floating on the loader is not necessary.

- ✓ **Efficient and economical daily and weekly maintenance with a 115 in wide brush**
- ✓ **Three-phase brushing with three brushes: straight-angle-straight**
- ✓ **Floating quick attach bracket**
- ✓ **Not intended for deep cleaning of artificial turf fields**



Working width	115 in
Total width	119 in
Length	51.2 in
Weight	298 lb
Product no	A37058

- 220 ✓
- 225 ✓
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓



New

Sand spreader 1000 & 1250

The hydraulic sand spreaders feature bucket type design and are front mounted as standard, which allows loading from ground level in the same way as with normal bucket. The spreading amount can be adjusted with a lever, located on the side of the spreader. There is also a rubber blade which prevents the sand from coming out by itself. The spreaders are also equipped with a mixing shaft which prevents the sand from clogging, and two support legs. Rear mounting is possible on model 1000 on 528, 530, 600, 700 and 800 series – either on the designated attachment mounting plate or on the hydraulic rear lift of 700 and 800 series. Rear mounting requires the optional rear auxiliary hydraulics outlet on the loader, and also the optional control switch pack for rear mounted attachments if the spreader is mounted on the 700/800 series hydraulic rear lift.

- ✔ Hydraulic spreaders with bucket type design, front mounted as standard
- ✔ Rear mounting possible on 528, 530, 600, 700 and 800 series
- ✔ Robust design, well suited for professional use
- ✔ Easy adjustment of spreading amount with a lever
- ✔ Equipped with two support legs

Options:

- A429959 Rear lights
- (require the optional 7-pin trailer socket on the loader)
- A37315 Mounting plate for 200 series, increases tilting angle by 30°
- A455026 Rear mounting plate, 528/530 & 600 series
- A441613 Rear mounting plate 700 series
- A441666 Rear mounting plate 800 series
- A427547 Hydraulic rear lift 700 series
- A438490 Hydraulic rear lift 800 series

Model	1000	1250
Working width	39.4 in	49.2 in
Volume	315 l	390 l
Total width	45.9 in	55.9 in
Length	34.1 in	34.1 in
Height	31.7 in	31.7 in
Weight	400 lb	465 lb
Product no	A454455	A454499

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527	
1150	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	—
1500	✘	✘	✘	✘	—	—	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	—

✔ Compatible — Not recommended ✘ Incompatible

New

Sand spreader 1500 & 2000

The hydraulic sand spreaders 1500 and 2000, with volumes of 140 gal and 187 gal respectively, are intended for 700 and 800 series – the larger 2000 model for 800 series only. They are front mounted only and feature bucket type design which allows loading like with a normal bucket. As standard, the spreading amount can be adjusted with a lever, located on the side of the spreader. Electric spreading amount adjustment is available as an option. The spreaders are also equipped with a mixing shaft which prevents the sand from clogging and a rubber blade under the spreading shaft which prevents the sand from coming out by itself. Two support legs for free standing are standard equipment. A durable cover to protect from moisture and spillage is available as an option.

- ✔ Hydraulic spreaders with bucket type design, front mounted only
- ✔ Robust design, well suited for professional use
- ✔ Spreading shaft made of durable Hardox steel
- ✔ Mixing shaft which prevents the sand from clogging
- ✔ Easy adjustment of spreading amount with a lever
- ✔ Two support legs



Options:
 A460233 Cover, sand spreader 1500
 A459651 Cover, sand spreader 2000
 A457917 Electric spreading amount adjustment

Model	1500	2000
Spreading width	59"	79"
Volume	140 gal	187 gal
Total width	66.2 in	85.9 in
Length	41.1 in	41.1 in
Height	41.4 in	41.4 in
Weight	675 lb	830 lb
Product no	A458004	A457676

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1500	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✔	✔	✔	✔	✔	✗
2000	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✔	✔	✗



Centrifugal sand / salt spreader

The centrifugal sand or salt spreader is the right choice for winter maintenance of large areas. Both the spreading area (6 to 20 ft) and the spreading amount can be adjusted either manually (standard) from the side of the spreader - or electrically from the driver's seat (option). This guarantees fast and efficient spreading.

- ✔ **Fast spreading on large areas**
- ✔ **Spreading width and amount adjustable: manual adjustment as standard, electric adjustment available optional**
- ✔ **Rear mounting also possible, on 700 and 800 series**



Spreading width	31-240 in
Volume	8.8 cu ft
Max. load	1100 lb
Weight	287 lb
Product no., front mount	A21183

Option:

Electric spreading amount and width adjustment A37301

* The loader must be equipped with attachment control switch pack (option)

Hook agitator (for fine sand and salt) 65851

Chain vibrator/agitator (for gravel and gravel/salt mix) 66378

Road traffic light kit* (for rear mounted spreader) A441253

* Requires the optional 7-pin trailer socket A418817 on the loader

Rear mounting is also possible on 700 and 800 series, on the optional attachment mounting plate A441613/A441666 or on the hydraulic rear lift A427547/A438490. It requires the optional auxiliary hydraulics outlet in the rear. If electric spreading amount and width adjustment is fitted, also the optional attachment control switch pack for rear mounted attachments must be installed.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	—	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	—

✔ Compatible — Not recommended ✗ Incompatible



New

Electric salt spreader

The electric powered salt spreader features a traditional bucket design and can be mounted on the front or rear of the loader. To avoid salt dust corrosion on the loader, rear mounting is recommended. The spreader is made of hot-dipped galvanized steel and the shaft of stainless steel.

The electric spreader is powered by a 12V electric motor and can be operated with switches on the optional Opticontrol control switch pack. Front mounting requires the optional Opticontrol for 12V supply. Rear mounting is possible on the 528, 530, 600, 700, and 800 series models - via designated attachment mounting plate, or on the hydraulic rear lift for 700 and 800 series loaders. Rear mounting requires the optional control switch pack for rear mounted attachments for 12V supply to the spreader.

- ✓ **Electric powered spreader with bucket type design**
- ✓ **Robust design, made of hot-dipped galvanized steel, with stainless steel shaft**
- ✓ **Can be mounted on the front or on the rear**
- ✓ **Rear mounting possible on 528, 530, 600, 700 and 800 series, recommended to avoid salt dust on the loader**

Option:
A429959 Rear lights (require the optional 7-pin trailer socket on the loader)

Optional mounting plates on the loader:
A455026 Rear mounting plate, 528/530 & 600 series
A441613 Rear mounting plate 700 series
A441666 Rear mounting plate 800 series
A427547 Hydraulic rear lift 700 series
A438490 Hydraulic rear lift 800 series

Model	1000
Spreading width	39.4"
Volume	37.4 gal
Total width	45.9 in
Length	24.8 in
Height	25.8 in
Weight	265 lb
Product no	A454073

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible Not recommended Incompatible



Towable sand / salt spreader

The towable sand / salt spreader is a very handy and economical attachment for winter maintenance of yards and walkways. Power to the spreader shaft is taken mechanically from the wheels. Wheels are equipped with a clutch which allows transporting without sand spreading. Equipped with a 2 inch trailer coupling.

Attention: The loader must be equipped with the 2 inch ball hitch A417337.

- ✓ **Economical spreader, quick to attach on the trailer coupling**
- ✓ **Mechanical power taken from the wheels – no need for rear auxiliary hydraulics**
- ✓ **Includes a durable rain cover to protect from moisture and spillage**



Spreading width	39.4 in
Width	59.1 in
Volume	60.8 gal
Weight	187 lb
Operation	Mechanical
Product no	A415430

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Vacuum brush

The vacuum brush is intended mainly for collecting of tree leaves in parks, lawns, yards etc. The powerful vacuum unit sucks the waste first into the vacuum on the bottom of the collector box and then into the box, compacting everything into a tight package. The mouthpiece on the vacuum is equipped with a 51.2 in wide rotary brush which loosens also more compacted and wet leaves and waste. Brush rotation speed can be adjusted seamlessly.

The collector box (same box as on A37411 Collecting lawn mower 1500) is mounted on top of the vacuum unit. It is equipped with large transparent plastic windows so that you can easily monitor how the box is filling up. The box is emptied by opening the lid (powered by a hydraulic cylinder) from Avant's driver seat and then lifting the boom so the collected waste can be tipped into a container, skip etc.

- ✓ **Efficient leaf collector**
- ✓ **Large volume collector box allows fast collecting**
- ✓ **Equipped with Optifloat® -system, works well on uneven surfaces also**
- ✓ **Fast and easy floating adjustment with indicator arrows on the Optifloat®**
- ✓ **Easy emptying thanks to hydraulic lid opening from Avant's driver seat**



Working width	51.2 in
Total width	62.6 in
Collector box volume	28.0 cu ft
Length	60.6 in
Height	46.9 in
Weight	960 lb
Product no	A428800

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

✓ Compatible
 — Not recommended
 ✗ Incompatible



Leaf blower

With the leaf blower you can easily and quickly move away large amount of leaves from lawns, yards, sidewalks etc. The hydraulic motor powered blower is very efficient and the big tiltable nozzle blows the leaves away from a large area.

The leaf blower is equipped with electric rotation which allows pointing of airflow exactly to desired direction. Rotation angle is 90° to the left and 145° to the right from the straight forward pointing direction – 235° altogether. Vertical adjustment of the nozzle is manual as standard; stepless electric adjustment is available as an option.

- ✔ **Efficient hydraulic motor powered leaf blower**
- ✔ **Electric 235° rotation as standard**
- ✔ **Manual nozzle adjustment as standard – electric adjustment available as an option**



Length	22.0 in
Width	26.9 in
Height	16.0 in
Nozzle width	8.6 in
Rotation angle	235°
Max air flow	3085 yd ³ /h
Max air speed	340 ft/s
Weight	187 lb
Product no	A442927

The optional Opticontrol® attachment control switch pack is recommended on the loader, for operating the electric rotation of the leaf blower. If the blower is equipped with the optional electric tilt of nozzle, Opticontrol® is required on the loader.

Option:
Electric nozzle adjustment A430172

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

✔ Compatible Not recommended Incompatible



Leguan 50 access platform

Avant and its daughter company Leguan Lifts have joined their forces and created an access platform which is mounted directly into Avant loaders quick attach plate. The result is an inexpensive, handy and easy to use access platform. With the help of this lift Avant's versatility is further increased on the job sites.

The Leguan 50 is mounted directly on to loader's quick attach plate any other Avant attachment. This makes it fast and easy to mount it and remove it.

The lift is designed according to all access platform directives and it is CE-certified. The safe working load for the lift is 440 lb.

- ✔ **An inexpensive access platform with 197" working height**
- ✔ **Safe and legal way to do building repairs, painting, light bulb changes etc.**
- ✔ **The maximum allowed load on the basket is 440 lb and you are able to use the lift alone**
- ✔ **Leguan 50 is attached to Avant which makes it easy to set it up in virtually all kinds of terrains**
- ✔ **The Leguan 50 access platform gives even further possibilities to use your Avant on work sites**



Max. allowed load	440 lb
Max. working height	197 in
Height (with lowered platform)	74.8 in
Width	51.2 in
Weight	893 lb
Product no	A34812

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

✔ Compatible
 ⊖ Not recommended
 ✘ Incompatible



Tipping trailer

The Avant tipping trailer is available in two models: with carrying capacity of 2650lb or 4000lb. Both are equipped with hydraulic tipping. All sides can be removed if necessary. Extra side set is available as an option for the smaller model and is standard on the bigger model.

Attention: The loader must be equipped with the double acting rear auxiliary hydraulics outlet and the 2 inch ball hitch.

- ✓ **Robust and versatile tipping trailers, well suited both for earthmoving and lighter jobs**
- ✓ **All sides can be removed if necessary – giving a completely flat bed**
- ✓ **Hydraulic tipping on both models**
- ✓ **Equipped with 5 bolt wheel hubs**
- ✓ **Both models equipped with a swivel hitch (rotating trailer coupling)**



Option:
 Road traffic kit A450705
 (Requires the optional 7-pin trailer socket A418817 on the loader)
 Extra side set (A45193) for 1200 model

Model	1200	1800
Max. Load	2650 lb	4000 lb
Width	44.3 in	53.1 in
Length	67.3 in	88.2 in
Tire size	23x8,50-12	320/60-12 HD
Side height	11.0 in	22.0 in
Weight	776 lb	1100 lb
Product no	A450448	A450459

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1200	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1800	✗	✗	–	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
	✓ Compatible		– Not recommended		✗ Incompatible											



Lawn mower 1200

The lawn mower 1200 is a robust and efficient mower deck. It is equipped with the Optifloat® floating system, developed by Avant, which guarantees optimal touch with the ground even on uneven lawns. Two indicator arrows on the quick attach plate make adjustment of the floating very easy: when the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly. The mower is also equipped with a safety valve which stops the blades when the mower is lifted off the ground. The deck is made of stamped steel making mowing more efficient.

The mower is mulching type as standard. Side discharge kit is available as an option.

- ✔ **Optifloat® floating system guarantees easy operation and excellent mowing result even on uneven lawns**
- ✔ **Safety valve stops the blades when the mower is lifted off the ground**
- ✔ **The stamped steel deck makes mowing more efficient and keeps the deck cleaner**



Option:
Side discharge kit A36013

Cutting width	47.2 in
Blades	2 pcs
Cutting height	1.0 - 4.0 in
Weight	375 lb
Product no	A35965

- 220 ✔
- 225 ✔
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✘
- 640i ✘
- 645i ✘
- 650i ✘
- 735i ✘
- 755i ✘
- 760i ✘
- 855i ✘
- 860i ✘
- e527 ⊖

✔ Compatible ⊖ Not recommended ✘ Incompatible



Lawn mower 1500

Avant's biggest lawn mower is intended for professional lawn mowing and larger areas. The mower can be modified to right type of mowing for different circumstances. This powerful mower allows a higher drive speed and perfect cut even on challenging conditions.

Our Optifloat® system allows for the large vertical movement of the cutting deck which guarantees efficient cutting as the deck follows the ground contours on any terrain. Two indicator arrows on the quick attach plate make adjustment of the floating very easy. When the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly. The floating system is also equipped with a safety valve, which stops the blades when the mower is lifted off the ground. The wheels are foam filled, puncture free rubber tires.

- ✓ **Optifloat® floating system guarantees easy operation on uneven lawns**
- ✓ **More cutting power for challenging mowing conditions**
- ✓ **Side discharge as standard, mulching kit available as an option**
- ✓ **Rounded edge design reduces damage to trees, buildings, etc. in case of contact**
- ✓ **Puncture free, foam filled tires**
- ✓ **Fast and easy floating adjustment with indicator arrows on the Optifloat®**



Option:
Mulching kit A34530
Longer indicator arrows on Optifloat® A450366

Cutting width	59.0 in
Blades	3 pcs
Cutting height	1.0 - 4.0 in
Height	17.7 in
Weight	630 lb
Product no	A37548

- 220 ✗
- 225 ✓
- 423 ✗
- 523 ✗
- 528 ✗
- 530 ✗
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Lawn mower 1800

The lawn mower 1800 is Avant's largest mower, intended for professional lawn mowing on larger areas. It is equipped with individual hydraulic motors on all three cutting blades. One blade rotates in counterclockwise to the other two, so the clippings spread more evenly behind the mower. The mower is equipped with a mulching plate as standard beside the blades. The plate can be easily removed with tools if needed; without the plate installed the discharge of clippings happens to the rear of the mower.

The Avant Optifloat system allows large vertical movement of the cutting deck which guarantees efficient cutting as the deck follows the grounds contour on all terrains. Two indicator arrows on the quick attach plate makes adjustment of the Optifloat very easy. The floating system is equipped with a safety valve, which stops the blades when the mower is lifted off the ground. The wheels are foam filled, puncture free rubber tires.

Higher indicator arrows from Optifloat are available as an option, for better visibility from the driver's seat, particularly on the Avant 800 series.



Option:
Longer indicator arrows on Optifloat® A450366

- ✓ **Efficient and professional lawn mower for larger areas**
- ✓ **Optifloat® floating system guarantees easy operation and good mowing result also on uneven lawns**
- ✓ **Fast and easy floating adjustment with indicator arrows on the Optifloat®**
- ✓ **Mulching mower as standard – rear discharge also possible by removing the mulching plate**
- ✓ **Puncture free, foam filled rubber tyres**

Cutting width	70.9 in
Blades	3 pcs
Cutting height	1.0 - 4.0 in
Height	20.9 in
Weight	685 lb
Product no	A449184

220 225 423 523 528 530 635i 640i 645i 650i 735i 755i 760i 855i 860i e527

94 Compatible Not recommended Incompatible



Collecting lawn mower 1200

With the Avant collecting mower 1200 you can easily mow and collect the clippings. Due to its powerful vacuum fan, the unit collects leaves as well.

The mulching blades crush the debris into a very fine material which then moves to the collector and forms a tight and compact package. The cutting waste is ideal material for composting. Collector capacity is as big as 55.5 gal, which enables cutting of small to medium sized areas. Emptying of the collector is very easy: lift the mower up from the ground with Avant's boom then tilt the mower downward until the grass waste pushes the lid open and the waste comes out. The Optifloat® floating system, developed by Avant, guarantees optimal contact with the ground on uneven lawns. Two indicator arrows on the quick attach plate make adjustment of the floating very easy: when the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly.

- ✓ **Powerful mower with a collector unit**
- ✓ **Can also be used for collecting leaves on lawns**
- ✓ **Vacuum fan can be turned off and the unit can be used as a mulching mower only**
- ✓ **Automatic lid opening on collector box, by tilting the mower downward**
- ✓ **Optifloat® floating system guarantees easy operation and good mowing result on uneven lawns**



Cutting width	47.2 in
Blades	2 pcs
Cutting height	1.0 - 4.0 in
Collector box volume	7.4 cu ft
Product no	A35973

Option:
Mounting plate for 200 series, increases tipping angle by 30° A37315

- | | | | | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-------------------|------|----------------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — | — |
| ✓ Compatible | | | | | | — Not recommended | | ✗ Incompatible | | | | | | | |



Collecting lawn mower 1500

Collecting mower designed for professional use with 59" cutting width and 28 cu ft collector box. The powerful vacuum also makes it possible to collect leaves on lawns. The blades cut the grass, tree leaves etc. to a fine mulch which packs tightly into the collector box.

Collector box volume is designed to be large enough for professional use in larger areas. Lid opening is hydraulic and operated from Avant's driver seat. By lifting the loader boom and tilting the mower forward the collector box can be emptied. Collector box is pivoted in the front and can be tilted forward for easier maintenance. Two indicator arrows on the Optifloat® quick attach plate make adjustment of the floating very easy.



Option:
 Mulching kit A34530
 Longer indicator arrows on Optifloat A450366

- ✓ Equipped with Optifloat® system
- ✓ More cutting power for challenging mowing conditions
- ✓ Vacuum fan can be turned off and the unit can be used as a mulching mower only
- ✓ Rounded edge design reduces damage to trees, buildings, etc. in case of contact
- ✓ Puncture free, foam filled tires
- ✓ Fast and easy floating adjustment with indicator arrows on the Optifloat®

Cutting width	59.0 in
Height	43.3 in
Blades	3 pcs
Cutting height	1.0 - 4.0 in
Collector box volume	28.0 cu ft
Product no	A37411

The optional Opticontrol® is recommended on the loader.

- 220 ✗
- 225 ✗
- 423 ✗
- 523 ✗
- 528 ✗
- 530 ✗
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Cutting bar

The cutting bar is used for the mowing of hay, grass and trimming the bushes and hedges. Due to side mounting and angle adjustment below ground level mowing of slopes. Guide plates under the bar support the cutting blades when mowing.

Spring loaded release mechanism allows the bar to move backwards if it hits an obstacle. Cutting angle can be adjusted manually with the hand winch. Electric cutting angle adjustment is available as an option.

- ✓ **Robust and economical long hay cutter and hedge trimmer**
- ✓ **Cutting angle adjustment below ground level allows easy mowing of slopes**
- ✓ **Spring loaded release mechanism for increased safety - cutting bar gives in when hitting an obstacle**
- ✓ **Electric cutting angle adjustment available as an option**



Option:

Electric cutting angle adjustment A35975

Cutting width	57.1 in
Transport width	35.6 in
Transport height	70.0 in
Weight	220 lb
Product no	A35676

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



Flail mower

Flail mower is a drum-type cutter, intended for cutting long grasses, shrubs, bushes and similar vegetations. It will cut up to 0.8" thick tree branches with ease.

Flail mower is the optimal cutting device for places where you need a lot of cutting power and a rougher cut will do. The most common applications for flail mower are places with taller vegetation like meadows, road sides, fields etc.

- ✓ **Cutting deck design improves cutting result and requires less power from the engine and hydraulics**
- ✓ **Flails are mounted in spiral on the shaft which makes cutting more efficient**
- ✓ **Direct drive: hydraulic motor mounted directly on the shaft**
- ✓ **Floating system allows free vertical movement, and the floating can be set so that the mower can tilt freely forward and backward as well**
- ✓ **Rear roller offers better stability and less resistance when mowing**



Optional flail types:

A419931 Y-flails, pair

A420305 L-flails, pair

16 Pcs/47.2 in mower, 18 Pcs/53.1 in mower, 20 Pcs/59 in mower

Rear roller cleaning bar 47.2 in/A455171, 53.1 in/A455164, 59 in/A453690

Hydraulic oil cooler* A450884

*) The optional Opticontrol® is recommended on the loader.

Cutting width	47.2 in	53.1 in	59 in
Total width	62.2 in	68.1 in	74 in
Cutting height	1 - 4 in	1 - 4 in	1 - 4 in
Standard flails type/pcs	hammer 16 pcs	hammer 18 pcs	hammer 20 pcs
Weight	530 lb	575 lb	595 lb
Product no	A36730	A441550	A36015

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1200	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
1350	✗	✗	✗	✗	—	—	✓	✓	✓	✓	✓	✓	—	—	—	✗
1500	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Hydraulic side arm S30

The hydraulic side arm with S30 quick attach system can be equipped with attachments that have the corresponding S30 quick attach bracket.

The side arm is equipped with a straight telescopic arm and a tilting jib arm. The telescopic arm extends up to 39.4" hydraulically to the side, and the jib arm movement is up to 45° down and 90° up from horizontal position.

The side arm is equipped with a hydraulic release mechanism, and the hydraulic release pressure can be adjusted and measured. The attachment which is mounted on the side arm will give backwards when it hits an obstacle. The side arm will come back to normal position as soon as the attachment is tilted downwards.

Avant 400 lb side weight kit A49063 is available as an option. It is necessary with heavier attachments like the A37505 S30 flail mower 47.2".

- ✔ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**
- ✔ **Telescope and jib arm movement speeds are adjustable**
- ✔ **The jib arm floats hydraulically upwards, in case of encountered obstacles**



Option:
 Adapter, for mounting a standard attachment on S30 side arm A460243
 Extension arm, with manual telescoping 550-950 mm A464146

Max attachment weight	1100 lb
Telescoping to the side	max. 39.4 in
Max width	73.6-101.6 in
Jib arm movement	135°
Weight	550 lb
Product no	A448736

The optional Opticontrol® is required on the loader. (requires also 6 or 8 function joystick on the loader).

- 220 ✘
- 225 ✘
- 423 ✘
- 523 ✘
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

✔ Compatible — Not recommended ✘ Incompatible



Mechanical side arm S30

The mechanical side arm with the S30 quick attach system can be fitted with lighter (max. 440 lb) attachments like the A430938 S30 cutting bar and the A429926 S30 multi function drive unit with HD brushes. It is equipped with a mechanical, manually extendable straight telescopic arm and a hydraulic jib arm which tilts the attachment up and down. Telescoping to the side up to 39.4" and jib arm movement up to 45° down and 90° up from horizontal position.

The side arm is pivoted in the middle, locked with a pin, and can be turned manually up and down with 45° steps – and even 180° to the other side, which makes it possible to work either on the right or on the left side of the loader. An adapter which allows mounting an attachment with standard Avant quick attach on the S30 side arm is available as an option.



Option:
 Adapter, for mounting a standard attachment on S30 side arm A460243
 Extension arm, with manual telescoping 550-950 mm A464146

- ✓ **Versatile side arm, can be fitted with hedge cutter bar, weed brushes etc.**
- ✓ **Equipped with a mechanical, manually extendable straight telescopic arm and a hydraulic jib arm**
- ✓ **Telescoping to the side max. 39.4", jib boom movement max 45° down and 90° up from horizontal position**
- ✓ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**

Max attachment weight	440 lb
Telescoping to the side	max. 39.4 in
Max width	64.8 in
Jib arm movement	135°
Weight	285 lb
Product no	A431070

The optional Opticontrol® is required on the loader.

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
100															
✓ Compatible – Not recommended ✗ Incompatible															

New

Extension arm on S30 side arms

The optional extension arm with manually extendable telescope can be mounted both on the hydraulic and on the mechanical S30 side arm. It gives extra outreach and working height with certain S30 attachments like the branch cutter and cutting bars. The extension arm can be locked with a bolt in four different outreach positions: without telescoping 21.7 in, then 24.4, 30.7 or 37.4 in. The arm also comes with the hydraulic hose extension kit A412129 (3 pcs 31.5 in long hoses) for the attachment.

Max. load on the extension arm is 220 lb, which means the following S30 attachments can be mounted on it: branch cutter, cutting bars and multi function drive unit.



Outreach	four positions: 21.7, 24.4, 30.7, 37.4 in
Max. load	220 lb
Weight	49 lb
Product no	A464146

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



Flail mower S30

The 47.2" flail mower with S30 quick attach bracket mounts only on the hydraulic side arm. It cannot be mounted on the attachment coupling plate of the loader or on the S30 mechanical side arm - and the normal flail mowers A36730 and A36015 cannot be mounted on the hydraulic side arm.

The S30 mower has otherwise the same 47.2" mower deck with hammer flails as the A36730 flail mower, but it is equipped with the high flow hydraulic motor of the 59" flail mower. This gives 25% higher efficiency/working width ratio than on the 59" flail mower, and 100 % higher than on the standard A36730 47.2" flail mower.

- ✓ **Easy mowing of road banks and gradients with the flail mower**
- ✓ **Outreach to the side max. 116 in**
- ✓ **Equipped with high flow hydraulic motor**
- ✓ **S30 quick attach system**



Working width	47.2 in
Max. outreach to the side	116 in
Max. width	62.2 in
Weight, Flail mower S30	550 lb
Weight, Flail mower with hydraulic side arm and side weights	1500 lb
Product no, Flail mower S30	A37505
Product no, Flail mower with hydraulic side arm S30*	A37213

* Includes:

Flail mower 1200 S30	A37505
Hydraulic side arm S30	A448736
Side weight kit 400 lb to side arm	A49063

The optional Opticontrol® is required on the loader.

- 220 ✗
- 225 ✗
- 423 ✗
- 523 ✗
- 528 ✗
- 530 ✗
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✗

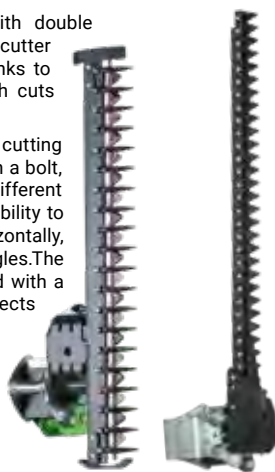


Cutting bar S30

There are two models of cutting bars which mount on the side arms with S30 quick attach system (both on the mechanical & hydraulic side arm). They cannot be mounted on the attachment coupling plate of the loader. The A430938 cutting bar is equipped with the same cutting blades and blade guides as the A35676 cutting bar. The frame and actuator mechanism are however stronger, which means the A430938 bar is optimized for hedge cutting. There are wear plates at each end of the cutting bar, useful when working on paved and asphalt surfaces.

The A434613 cutting bar with double knives is a more precise hedge cutter and makes a cleaner cut thanks to the double knife design which cuts the branches by sawing them.

The mounting bracket of the cutting bar is pivoted and locked with a bolt, and can be turned manually in different positions. This gives the possibility to for instance cut the hedge horizontally, vertically and in different angles. The cutting bars are also equipped with a pressure relief valve which protects the unit if it hits an obstacle.



A430938

A434613

- ✓ **Efficient and quick hedge cutter for higher hedges**
- ✓ **Cut both horizontally and vertically with the pivoting mounting bracket**
- ✓ **Two models**
- ✓ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**
- ✓ **More outreach with the optional extension arm on the S30 side arm**

Working width	59 in	59 in
Total width	63 in	70 in
Weight	200 lb	128 lb
Product no	A430938	A434613

The optional Opticontrol® is required on the loader.

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



Rotary hedge cutter S30

The rotary hedge cutter S30 is an efficient attachment for cutting of shrubs, bushes, hedges, and similar vegetation. It is equipped with three rotors with 4 cutting blades on each rotor. The blades are mounted in two different heights 2+2 on the rotor which – together with the outside rotors rotating inwards - means that they mulch the material into small bits which don't need to be collected after cutting. The rotary hedge cutter can be mounted both on the mechanical side arm and on the hydraulic side arm. With Avant 600 series the optional 400 lb rear side weights A49063 are recommended on the loader for better stability.

- ✔ **Efficient hedge cutter on S30 side arms, works both in horizontal and vertical position**
- ✔ **Equipped with three rotors with 4 cutting blades each**
- ✔ **Mulches the material into small bits eliminating need for waste collection**
- ✔ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**



Working width	51.2 in
Total width	57.9 in
Cutting height	1.0 – 4.0 in
Blades	12 pcs (4 pcs/rotor)
Length	40.4 in
Height	15.2 in
Weight	441 lb
Product no.	A435550

The optional Opticontrol® is required on the loader.

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✘ |

✔ Compatible – Not recommended ✘ Incompatible



New

Branch cutter S30

The branch cutter which mounts on the S30 side arms – both on the hydraulic and the mechanical side arm – is a fast and efficient tree trimmer. The 27.6 in diameter circular sawblade cuts the branches cleanly and, if needed, also small trees. When removing tree branches the sawblade is in vertical position, but the blade can also be turned to a horizontal position and cut down small trees with the hydraulic tilting of the S30 side arm's jib boom.

The telescopic loader boom of Avant allows the cutting height to be as high as 157 in, depending on loader model, and the optional manually telescoping extension arm on the S30 side arm increases the outreach almost a further 39 in if needed. The adjustable side outreach of the S30 side arms, plus the optional extension arm give flexibility and allow cutting from various distances from the loader.

The optional Opticontrol® system is required on the loader for operating the branch cutter.

A loader with an enclosed cab (GT, DLX, LX) is recommended when working with the branch cutter. If the loader is equipped with the ROPS/FOPS safety frame or cab L, use of personal protective equipment – hard hat with visor, safety goggles etc. – is mandatory.

The branch cutter in above picture is mounted on the optional extension arm A464146



- ✔ **Efficient and fast branch and small tree cutter**
- ✔ **Cutting height as high as over 157 in, depending on loader model**
- ✔ **Mounts on S30 side arms only (hydraulic and mechanical side arm)**
- ✔ **Equipped with 27.6 in hard metal circular sawblade**
- ✔ **Sawblade can be tilted to vertical or horizontal position**
- ✔ **More outreach with the optional extension arm on the S30 side arm**

Blade diameter	27.6 in
Total width	31.7 in
Blade rotation speed	750 rpm (at 15.9 gal/min oil flow)
Weight	155 lb
Product no	A454450

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

✔ Compatible — Not recommended ✘ Incompatible



Multi function drive unit S30

The multi function drive unit equipped with the S30 quick attach bracket is intended mainly for rotating different types of brushes – XL weed brush, XL wire rope brush and carousel broom. It can be mounted in horizontal or vertical position on the side arms with S30 quick attach system (both mechanical and hydraulic arm), but not on the attachment coupling plate of the loader. The S30 drive unit has the same 2 1/4 in square shaft for attachments as the A37190 Multi function drive unit, but is equipped with a lower torque and higher speed hydraulic motor and therefore works better with brushes. However, it doesn't have enough power to rotate auger drills or screw cone log splitter.

- ✔ Drive unit which mounts on S30 side arms
- ✔ Possible to mount in horizontal or vertical position
- ✔ Equipped with high speed hydraulic motor, intended for rotating different types of brushes
- ✔ Same 2 1/4 in square shaft for attachments as on the A37190 Multi function drive unit
- ✔ More outreach with the optional extension arm on the S30 side arm

Torque	700 lb/ft @ 2900 psi
Rotation speed	95 rpm @ 7.9 gal/min
Weight	66 lb
Product no	A429926

The optional Opticontrol® is required on the loader.



- A37317 Carousel broom**
- Same 39.4 in replaceable brush as on A2971 Carousel broom, part no. A32698
 - Weight 150 lb



- A433646 Carousel broom, steel**
- 39.4" brush with steel bristles
 - Weight 150 lb



- A431157 XL wire rope brush**
- Brush with 32 pcs heavy duty wire rope bundles
 - Max. diameter 40"
 - Height 14.6"
 - Weight 80 lb

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ⊖

✔ Compatible ⊖ Not recommended ✘ Incompatible

Fence mower

The fence mower is the perfect attachment for cutting grass under fences, roadside crash barriers, around trees etc. It can also be used to remove weeds from road banks, around cornerstones and near buildings. The fence mower maneuvers around fence posts easily: when the cutting head comes in contact with the post the extension spring that is mounted between the mower frame and cutting head retracts the cutting head back allowing a smooth operation around the post. The tension and fastening point of the extension spring can be adjusted. In addition, there is a vertical floating system with 4 positions for aligning the cutting head.

The cutting head is equipped with two blades. Its edge is covered with a rubber bumper for damping impacts. The mower is equipped with a manually turnable arm allowing the cutting head to be turned in several different positions. The cutting head can be mounted pointing either to the right or to the left side. An adjustable support wheel is standard equipment as well.

- ✓ **Perfect attachment for cutting grass under fences, roadside crash barriers, around trees etc.**
- ✓ **Cutting head with 2 blades**
- ✓ **Vertical floating of cutting head**
- ✓ **Cutting head can be mounted pointing to the right or to the left**
- ✓ **Adjustable support wheel standard**



Cutting width	27.7 in
Cutting height	min. 2.4 in
Number of blades	2 pcs
Maximum width in working position (cutting head on the right side)	73.6 in
Minimum width in transport position	46.1 in
Weight	270 lb
Product no.	A440199

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Edge trimmer

The Avante edge trimmer is the perfect attachment for trimming the edges of lawns, hedges, flower beds etc. It consists of a hydraulically operated trimmer mounted next to a cutting disc.

The cutting disc cuts the lawn and the hydraulic trimmer breaks up any soil or lawn that is left to the side of the cutting disc. The edge trimmer leaves a good looking finish to any garden thanks to its adjustable cutting depth and precise control.

The edge trimmer is equipped with a manually extendable arm and can be turned in three different positions: the right, to the left, or to the front (transport position). Support wheel is available as an option.

- ✓ **Cuts the lawn edge accurately, leaving a finished look on lawns, flower beds, driveways, walkways etc.**
- ✓ **Hydraulic trimmer mills the soil efficiently**
- ✓ **Equipped with manually extendable arm**
- ✓ **Can be turned manually in three positions: to the left or right side, and to center transport position**
- ✓ **Support wheel available as an option**



Option:
Support wheel A36699

Cutting depth	max. 6 in
Cutting disc diameter	18.1 in
Cultivating width	6.1 in
Height	22.8 in
Weight	176 lb
Min. width in working position	42.5 in
Product no	A36621

- 108
- 220 ✓
 - 225 ✓
 - 423 ✓
 - 523 ✓
 - 528 ✓
 - 530 ✓
 - 635i ✓
 - 640i ✓
 - 645i ✓
 - 650i ✓
 - 735i ✓
 - 755i ✓
 - 760i ✓
 - 855i ✓
 - 860i ✓
 - e527 ✓
- ✓ Compatible
⊖ Not recommended
✗ Incompatible

Edge trimmer with weed brush

The edge trimmer equipped with a weed brush edges your lawn while sweeping at the same time. It is intended for cleaning between curb stones and the edge of the lawn, and it can also be used for trimming the edge between lawns and paving, asphalt, concrete slab, etc.

The cutting disc can be lifted up so that the unit works as a weed brush only. The brush (A422665) is a heavy-duty wire rope brush, diameter 27.6 in as standard. Diameter of the cutting disc is 18.1 in. An adjustable and detachable splash guard and a foldable support wheel are standard equipment as well.

Working width (distance from the brush to the side from the loader's quick attach plate) can be adjusted manually max. 7.1 in, as well as the distance between the cutting disc and the brush. The cutting disc is spring loaded: the spring turns the disc parallel with the driving direction. The angle of the brush can be adjusted manually.

The unit can be mounted in three different positions: working on the right side or on the left side of the loader, or pointing to the front (transport position). Changing the working direction from the right to the left side of the loader requires tools and the left-handed mounting bracket A449096 for the cutting disc.

Option:

Brush with steel bristles A452184
Left-handed mounting bracket for cutting disc A449096
(allows mounting on the left side)



- ✓ **Cuts the lawn edge accurately, leaving a finished look on lawns, flower beds, driveways, walkways etc.**
- ✓ **The cutting disc can be lifted up so that the unit works as a weed brush only**
- ✓ **Efficient weed removal with rotating steel brush**
- ✓ **Support wheel as standard**

Cutting depth max.	5.9 in
Cutting disc diameter	18.1 in
Brush diameter	27.6 in
Max. width in working position	55.5 in
Min. width in transport position	33.7 in
Height	27.2 in
Length	34.1 in
Weight	353 lb
Product no	A446497

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Weed brush

The weed brush is an efficient tool for the removal of weeds on all kinds of paved areas. It is equipped with a steel brush which can be extended manually and turned in three different positions: to the front, to the right side or to the left side. The weed brush is equipped with a support wheel as standard. It can be lifted and locked up to transport position if needed.

- ✓ **Efficient weed removal with rotating steel brush**
- ✓ **Equipped with manually extendable arm**
- ✓ **Splash guard as standard**
- ✓ **Can be turned manually in three positions: to the left or to the right side, and to center transport position**
- ✓ **Support wheel as standard**



Option:
Heavy duty wire rope brush A422665

Brush diameter	23.6 in
Bristle material	steel
Height	20.9 in
Length/Width (retracted)	43.3 in
Weight	187 lb
Product no	A36594

- 110
- 220 ✓
 - 225 ✓
 - 423 ✓
 - 523 ✓
 - 528 ✓
 - 530 ✓
 - 635i ✓
 - 640i ✓
 - 645i ✓
 - 650i ✓
 - 735i ✓
 - 755i ✓
 - 760i ✓
 - 855i ✓
 - 860i ✓
 - e527 ✓
- ✓ Compatible
⊖ Not recommended
✗ Incompatible

New

Lawn aerator 1100

The lawn aerator 1100 features 90pcs knife type tines as standard. The unit is completely mechanical. While driving forward, the tines on the aerator shaft turn and make holes in the lawn. The 1100 aerator has no support wheels - on harder ground only the tines are in contact with the ground and on soft ground the shaft will act as support. Working depth is 4.1 in or 5.9 in (standard); the tines can be bolted in two different heights on the shaft. The 64 lb Avant back weights can be mounted on the sides to add weight if necessary. The aerator is also equipped with 4 support legs for storage. Both tubular hollow tines and solid round tines are available as options.

- ✓ **Working width 43.3 in, 90 pcs knife type tines as standard**
- ✓ **No support wheels – only the tines and the shaft are in contact with the ground**
- ✓ **Working depth 4.1 in or 5.9 in**
- ✓ **64 lb back weights can be mounted on the sides to add weight**
- ✓ **4 support legs for storage**
- ✓ **Solid round tines and tubular hollow tines available as an option**



Option:
 Back weight 64 lb A35957
 Optional tines:
 Knife tine A427393
 Tubular hollow tine A457152
 Solid round tine A457278

Working width	43.3 in
Total width	55.1 in
Length	66.9 in
Height	37.4 in
Number of blades	90 pcs
Weight	530 lb
Product no.	A453046

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible Not recommended Incompatible



Lawn aerator 1500

The lawn aerator is designed to create holes in the lawn surface which encourages free movement of soil. This helps to improve the circulation of air in the soil which is vital for a healthy lawn. The lawn aerator is completely mechanical – when driving forward with the loader the knife type blades on the aerator shaft turn and make holes in the lawn.

The aerator is equipped with 12 rows with 10 blades each, 120 pcs in total. Working width is 59.1 inches; working height can be adjusted with the nylon spacers on the four support wheels. The aerator is also equipped with mechanical support legs which lift the deck and blades off the ground for storage.

- ✔ **Easy and efficient lawn aerating by driving forward with Avant**
- ✔ **Equipped with knife type blades**
- ✔ **Two Avant 64 lb back weights can be mounted on the sides to add weight**



Option:
Back weight 64 lb A35957
Optional tines:
Knife tine A427393
Tubular hollow tine A4457152
Solid round tine A457278

Working width	59.1 in
Total width	73.2 in
Length	66.9 in
Height	31.7 in
Number of blades	120 pcs
Weight	1260 lb
Product no.	A424201

- 220 ✘
- 225 ✘
- 423 ✘
- 523 ✘
- 528 ✘
- 530 ✘
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✘



Rotary hoe

The rotary hoe is the right attachment for soil cultivating, seed bed finishing and rotovating. It features direct drive with hydraulic motor mounted directly on the milling shaft. The curved blades guarantee efficient milling of the soil. A vertical grading rake with strong tines in front of the blades traps stones and debris, effectively allowing soil to bury them. This gives a finished seeding bed in a single pass. There is also an adjustable soil scraper blade between the milling shaft and the field roller. Working depth is smoothly adjustable with the rear field roller, up to 6.0 in.

- ✓ **Efficient rotary hoe for soil cultivating**
- ✓ **Direct drive with hydraulic motor mounted directly on the milling shaft**
- ✓ **Vertical grading rake with strong tines in front of the blades which traps stones and debris**
- ✓ **Working depth is smoothly adjustable with the rear field roller**
- ✓ **Adjustable soil scraper blade between the milling shaft and the field roller**



Model	1200	1350	1500
Working width	47.2 in	53.1 in	59.1 in
Roller width	55.1 in	61.0 in	66.9 in
Total width	60.2 in	67.1 in	72.0 in
Working depth	2.0 - 6.0 in	2.0 - 6.0 in	2.0 - 6.0 in
Weight	550 lb	605 lb	650 lb
Product no	A425119	A443490	A37430

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1200	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
1350	✗	✗	✗	✗	—	—	✓	✓	✓	✓	✓	✓	—	—	—	✗
1500	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Power rake

The power rake is a versatile attachment for soil grading, levelling, raking, and removing of debris. It can be used for preparing seedbeds, cutting grades, grading dirt and gravel roads, and cleaning up and grading different types of sites.

The Power rake mills the soil to max. 2.6 in depth. The shaft is equipped with extra hard tungsten carbide teeth. While driving forward, the shaft rotates against the driving direction. The removable side plates make soil moving and directioning even more efficient. The rake is equipped with two adjustable support wheels and it can be turned to max. +/- 30 degrees angle.

The clearance between the frame and shaft of the power rake allows soil to move around the rake axle which guarantees efficient milling. There is also a splash guard above the axle.

Two models and working widths available: 58.3 in with manual or hydraulic turning, and 70.1 in with hydraulic turning (intended especially for 700 and 800 series).

- ✔ **Versatile attachment for preparing seedbeds, grading dirt and gravel roads, cleaning up building lots and sites etc.**
- ✔ **Easy removal and piling up of rocks and other debris by driving forward**
- ✔ **Available with manual or hydraulic turning, +/- 30 degrees**
- ✔ **Two models: with 58.3 in or 70.1 in working width**



Model	1500	1800
Working width	58.3 in	70.1 in
Total width	69.8 in	81.7 in
Working depth	max. 2.6 in	max. 2.6 in
Turning angle	+/- 30°	+/- 30°
Length	47.6 in	47.6 in
Height	26.4 in	26.4 in
Weight	695 lb	750 lb
Product no., manual turning	A449836	-
Product no., hydraulic turning	A449672	A445931

The optional Opticontrol® is required on the loader with hydraulic turning model.

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1500	✘	✘	✘	⊖	⊖	⊖	✔	✔	✔	✔	✔	✔	✔	✔	✔	⊖
1800	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✘

✔ Compatible ⊖ Not recommended ✘ Incompatible



Rotary harrow

The rotary harrow is an excellent leveler for lawn beds, yards and gardens. It harrows the topsoil providing a nice finish for sowing. Required output is lower than that of the rotary hoe allowing a higher working speed. Working depth is adjusted with the rear field roller which levels the seeding bed during operation. With the optional seeding unit you are able to make a lawn-ready surface on one pass.

Rotary harrows are most commonly used for lighter topsoil levelling. The soil is normally not milled as deep or as thoroughly as with a rotary hoe.

- ✔ Professional, efficient rotary harrow for topsoil levelling
- ✔ Top grade finish with just one pass
- ✔ Can be equipped with seeding unit
- ✔ Requires less power than rotary hoe



Option:
 Seeding unit for 1350 model (A21085)
 Seeding unit for 1500 model (A21193)
 Seeding unit for 1700 model (A415800)

Model	1350	1500	1700
Working width	48.0 in	55.1 in	61.0 in
Roller width	53.1 in	59.1 in	67.0 in
Working depth	0 - 6.3 in	0 - 6.3 in	0 - 6.3 in
Weight	485 lb	550 lb	640 lb
Weight with seeding unit	575 lb	640 lb	730 lb
Product no	A21077	A21185	A21431

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1350	✘	✘	✔	✔	✔	✔	✔	✔	—	—	—	—	—	—	—	—
1500	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✘
1700	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✘

✔ Compatible — Not recommended ✘ Incompatible



Seeding machine

The seeding machine is a professional mechanical surface seeding unit, intended for the precise seeding of lawns, different types of (flower) meadows, pastures etc. The rotating feeding roller with 12 nozzles provides accurate and reliable seed sowing, while allowing a wide seeding amount adjustment range of approx. 19 - 1140 oz/100 ft².

It is possible and advisable to make a seeding test before starting operation, in order to make sure that a right amount of seed goes to the ground. The seeding machine is equipped with 4.00-8 tractor tires and a manually operated support leg.

Rear harrow and rear field roller are available as an option, for finishing and compacting the surface. The seeding machine can be mounted either on the attachment coupling plate of the loader - in this case seeding happens by reversing with the loader - or it can be towed by mounting the optional Avant drawbar A37481 on the unit. In this case the loader must be equipped with the trailer ball hitch.

- ✓ **Efficient and professional attachment for seeding of lawns, meadows, pastures etc.**
- ✓ **Precise and widely adjustable seed feeding through 12 nozzles**
- ✓ **Seeding test can be performed before starting operation**
- ✓ **Can be mounted on the attachment coupling plate of the loader or towed with the optional Avant drawbar**



Options:

- Rear harrow (not when rear field roller) A450437
- Rear field roller (not when rear harrow) A450438
- Drawbar A37481

Working width	59.1 in
Total width	74.4 in
Length	35.0 in
Height	42.1 in
Seed box volume	10.2 gal
Seed amount adjustment	19 - 1140 oz/100 ft ²
Weight	300 lb
Product no	A449473

220 ✓ 225 ✓ 423 ✓ 523 ✓ 528 ✓ 530 ✓ 635i ✓ 640i ✓ 645i ✓ 650i ✓ 735i ✓ 755i ✓ 760i ✓ 855i ✓ 860i ✓ e527 ✓

116 ✓ Compatible — Not recommended ✗ Incompatible



Leveller HD

The HD leveller is an incredibly useful and efficient attachment for quick levelling of uneven ground, mulch, yards, driveways etc. It is most commonly used in:

- preliminary lawn bed levelling
- yard and driveway sand and gravel levelling
- levelling of uneven ground

The leveller can also be used for lifting job site materials like sod rolls, tools etc.

- ✔ **Bucket cutting edge in the front and in the rear, allows breaking and cutting of the ground**
- ✔ **Straight vertical levelling edge in the rear**
- ✔ **Grate at the front, for picking up stones**
- ✔ **Two hook type brackets in the front, for transporting a bucket**
- ✔ **Scarifier bar in the rear, equipped with hooks. It can be turned manually for 5 different working depths, and can also be lifted up so that the leveller works without scarifying**



Working width	63.0 in
Total width	64.2 in
Length	41.3 in
Working depth	max. 4 in
Weight	380 lb
Product no.	A427450

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Roller compactor

The roller compactor with mesh roller is a practical attachment for compacting soil when preparing for lawn seeding and right after lawn seeding. You are able to compact soil with the full 59.1 inch width of the roller and push down with the whole weight of the loader's front axle.

The other roller compactor model is equipped with a plain, hollow roller which can be filled with water (max. 44.1 gal). It is useful for preparing and compacting a newly installed sod and similar surfaces where a plain roller is a must and mesh rollers cannot be used. Both compactors can also be fitted with max. 4 pcs of Avant 64 lbs back weights. The compactors can also be towed, if needed, with the A37481 drawbar mounted on the compactor.

- ✔ **Easy and economical compacting of lawns before and after seeding with the mesh roller**
- ✔ **Plain roller is useful for compacting a newly installed sod and similar surfaces; can be filled with water**
- ✔ **Both models can also be towed with the A37481 drawbar**
- ✔ **4 pcs Avant 64 lbs back weights can be mounted to add weight**



Model	Mesh roller	Plain roller
Working width	59.1 in	59.1 in
Total width	63.2 in	63.2 in
Roller diameter	15.7 in	16.0 in
Length	24.0 in	24.0 in
Weight, without extra weights and water	220 lb	430 lb
Water volume	-	44.1 gal
Product no	A37064	A37488

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible
 Not recommended
 Incompatible



Front rake

The front rake is an uncomplicated and economical attachment for levelling of sand and gravel driveways, anywhere you want to have a nice looking finish. The spring loaded tines rake and level the ground efficiently. The rake can also be used for loosening and levelling of uneven soils.

There are two models available: one with normal tines and other with HD tines. The rake with stronger HD tines will also collect branches and other heavier material when levelling the ground.

- ✓ **Economical leveler for sand gravel driveways**
- ✓ **Works on soils as well**
- ✓ **Two models available: with normal tines or with stronger HD tines**
- ✓ **Can be mounted on all Avant models**
- ✓ **HD tines can be used to collect small branches**



Model	Standard	HD
Width	78.7 in	78.7 in
Tine height	9.6 in	16.5 in
Total height	22.1 in	27.4 in
Weight	77 lb	124 lb
Product no	A36968	A37357

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Ripper

The ripper is an inexpensive and practical tool in ground works. With the ripper it is easy to remove roots and rocks from hard packed ground. The replaceable hard metal teeth guarantee a long lifespan for the attachment.

The ripper is operated by pressing the three blades into the ground next to the object you wish to remove. With the teeth sunk into the ground, tilt the ripper inwards and then lift the boom upwards which will bring the object on top of the ground.

- ✔ **An inexpensive tool for removing rocks, tree stumps, roots etc. from the ground**
- ✔ **Eliminates a huge amount of manual work**



Width	20.0 in
Working depth	approx. 12.0 in
Weight	110 lb
Product no	A44412

- 120
- 220
 - 225
 - 423
 - 523
 - 528
 - 530
 - 635i
 - 640i
 - 645i
 - 650i
 - 735i
 - 755i
 - 760i
 - 855i
 - 860i
 - e527
- Compatible
 Not recommended
 Incompatible



Mulcher CRI400

The mulcher CRI400 is a heavy duty soil conditioner and vegetation remover. It clears vegetation and undergrowth and can crush small roots and tree stumps as well. This makes the mulcher a useful tool for clearing the soil and preparing it for seeding and planting. The rotor is equipped with replaceable carbide cutting teeth. Support skids are standard. They are pivoted which means they follow the contours of the cultivated surface, allowing very easy and accurate working depth adjustment. The mulcher can also be used for removal of ice and hard packed snow on multiple surfaces.

- ✓ **Heavy duty soil conditioner - can crush smaller roots, tree stumps and branches**
- ✓ **Rotor with carbide cutting teeth**
- ✓ **Hardox steel frame**
- ✓ **Bolt mounted counter blades**
- ✓ **Support skids as standard**
- ✓ **Possibility to turn the direction of the rotor**



Optional cutting teeth (60 pcs required on the mulcher):
 A445791 Rectangular cutter
 A445804 Conical carbide cutter (standard)
 A445806 Heavy duty conical cutter
 A445789 Shearing cutter
 66392 & 66393 Cutters (same as on asphalt grinder)

Total width	68.9 in
Rotor width	53.1 in
Rotor diameter	15.7 in
Rotation speed	190 rpm @16 gal/min
Working depth	0 - 27.9 in
Height	26.4 in
Weight	1190 lb
Product no	A436164

- 220 ✗
- 225 ✗
- 423 ✗
- 523 ✗
- 528 ✗
- 530 ✗
- 635i ✗
- 640i ✗
- 645i ✓
- 650i ✓
- 735i ✗
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✗

✓ Compatible
 — Not recommended
 ✗ Incompatible



Screening bucket

The Avant screening bucket is a fast and efficient compact system for screening and blending soils, aggregates and compost. The durable and flexible star-shaped plastic Poly Star rollers screen without shredding the vegetation or crushing the aggregates into the finished screened product.

The unique design fitted with sealed bearings, self tensioning carbon belt driveline and flexible Poly Stars enables for a large screening area to create a low maintenance, fast and efficient screening system.

- ✔ Separates stone/soil/vegetation
- ✔ Screens without crushing or shredding
- ✔ Suitable for different types of soil



Width	47.24 in
Bucket volume	10.59 cu ft
Screening area	47.2 x 16.9 in
Weight	860 lb
Product no	A36503

- 220 ✘
- 225 ✘
- 423 ✘
- 523 ⊖
- 528 ⊖
- 530 ⊖
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ⊖



New

Sod roller

With the sod roller it is easy to lay large sod rolls quickly and conveniently. Sod, also called turf, is the upper layer of soil with grass growing on it and is often harvested in rolls. The roller shaft is designed to slide through the center of the roll; then the roll is picked up by the attachment and the sod can be rolled out.

The sod roll can be mounted to roll out driving either forward or in reverse. Maximum width of the roll is 51.2 in. There are two adjustable and lockable width limiter discs on the shaft of the roller to support different width rolls. The attachment coupling plate on the roller is bolted in the middle as standard, but can be moved 9.8 in to the right or to the left from the centerline if needed.

The sod roller can also be used to handle other products on rolls (cable, barbed wire, wire etc.).

- ✔ **Easy way to lay large sod rolls quickly and conveniently**
- ✔ **Sod roll can be mounted to roll out driving either forward or in reverse**
- ✔ **Two width limiter discs on the shaft to support different size rolls**
- ✔ **Can be also be used to handle other products on rolls**



Maximum roll width	51.2 in
Maximum roll diameter	63 in
Total width	64.6 in
Max. load	2200 lb
Length	43.5 in
Height	14.2 in
Weight	242 lb
Product no	A447696

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Stone grab

The stone grab, equipped with rotator, allows grabbing, transporting and loading of different types of stones both lengthwise and crosswise. This makes it possible to pass through narrow places also with long curb stones and enables loading in any direction. The grab is available either with a hydraulic rotator or as freely rotating version. Padded stone grabbers are available as an option. Stone grabbers come with a lock valve which prevents unintentional opening of the grab. If the loader is equipped with the 6 or 8 function joystick, all functions of the grab with hydraulic rotator (grab opening/closing, rotation) can be operated with the switches on the optional Opticontrol® switch pack.

- ✔ Available with hydraulic rotator or as freely rotating version
- ✔ Can be equipped with padded stone grabbers



Option:
 Lock valve, mounting kit, on grab cylinder A436627
 Padded stone grabbers (kit includes lock valve) A429742

Rotation type	Freely rotating	Hydraulic rotation
Grapple opening diameter	48.1 in	48.1 in
Weight	255 lb	300 lb
Product no	A37457	A37456

The optional Opticontrol® is required with grab with hydraulic rotator and padded stone grabbers, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔



Grabbing tool

The grabbing tool is mainly intended for lifting and handling of round objects. It is especially suited for lifting of barrels, plants and tree pots. Grabbing force can be adjusted, which means all kinds of objects can be handled without damaging them.

The grabbing tool is equipped with two smaller, rubber padded barrels which allow handling of smaller and more fragile objects. When the grab is opened completely it can take larger objects like barrels, bigger plant pots etc.

- ✓ **Easiest way to lift and transport plants, trees, barrels etc. without damaging them**
- ✓ **Excellent tool for nurseries and landscapers**
- ✓ **With the optional tilt adapter or attachment rotator mounted on the grabbing tool it is also possible to rotate the objects**



Option:
 Conical grabbers – for objects with conical shape like plant pots A421030
 Barrel grabbers – for completely round objects like barrels A421031
 Tilt adapter 90 degrees A36505
 Attachment rotator A424406
 (requires second auxiliary hydraulics outlet in the front)

Min. grab diameter	10.0 in
Max. grab diameter	47.0 in
Max. load	1430 lb
Weight	210 lb
Product no	A34290

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



Tree boom

The tree boom is a simple and practical attachment for handling bigger tree trunks, pipes etc. objects which need to be lifted and placed with accuracy. It is otherwise the same attachment as the Avant big bag lifter, but the manually adjustable telescoping boom doesn't have a hook – instead the boom is straight and equipped with a pin for attaching lifting slings. This allows lifting and planting bigger trees without the risk of damaging them. The frame design with side supports prevents the objects from swinging sideways.

The tree boom is useful in nurseries for planting trees, for arborist jobs like removing bigger trunks from yards and gardens, and also for utility jobs like setting pipes in trenches etc.

- ✔ **Easy way of handling tree trunks, planting bigger trees, laying pipes**
- ✔ **Manually adjustable telescoping boom, can be adjusted in four different heights between 44.7 – 66.3 in**
- ✔ **Side supports prevent sideways swinging of the objects**



Pin height	44.7 – 66.3 in
Width	43.3 in
Max. load	1985 lb
Weight	132 lb
Product no	A444137

- 220 ✘
 - 225 ✘
 - 423 ⊖
 - 523 ✔
 - 528 ✔
 - 530 ✔
 - 635i ✔
 - 640i ✔
 - 645i ✔
 - 650i ✔
 - 735i ✔
 - 755i ✔
 - 760i ✔
 - 855i ✔
 - 860i ✔
 - e527 ✔
- ✔ Compatible
 ⊖ Not recommended
 ✘ Incompatible



Backhoe 170

The Avant backhoe 170 is a compact digging unit, intended mainly for Avant 200 series. The main focus in design was user friendliness and straight forward construction. The backhoe 170 is a small backhoe, which is at its best in tight situations where space is limited.

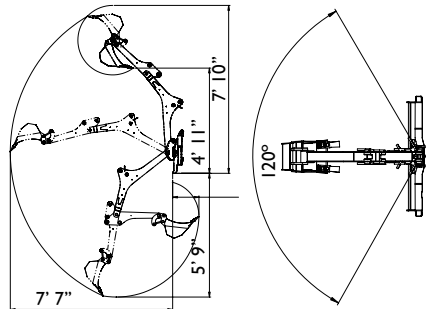
Boom movements are smooth and precise, which makes operation easier also for less experienced users. To facilitate the digging the frame of the backhoe is as low as possible, which gives unrestricted visibility to the work area.

- ✔ **Strong and compact backhoe**
- ✔ **Easy to connect and disconnect to Avant**
- ✔ **Smooth movements with precise control valve, easy to operate**
- ✔ **Designed for Avant 200 series**



Optional extras:
 Bucket 15.7 in A415230
 Bucket 29.5 in A35564

Max. Digging depth	66.9 in
Standard bucket	9.8 in / A415232
Weight	397 lb
Product no	A36848



- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✔ | ✔ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ |

✔ Compatible — Not recommended ✘ Incompatible



Backhoe 210

The Avant backhoe 210's main focus in design is user friendliness and straight forward construction.

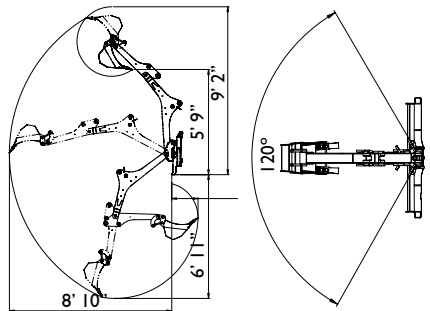
Boom movement speeds are seamlessly adjustable, which makes operation easier, especially for inexperienced users. To facilitate digging, the frame of the backhoe is as low as possible, which gives unrestricted visibility to the work area.

- ✔ **A powerful, strong and compact backhoe**
- ✔ **Easy to connect and disconnect to Avant**
- ✔ **Smooth movements with precise control valve, easy to operate**
- ✔ **Uncomplicated and economical backhoe**



Optional extras:
 Bucket 9.8 in A415232
 Bucket 29.5 in A35564

Max. Digging depth	82.7 in
Standard bucket	15.7 in / A415230
Weight	419 lb
Product no	A33747

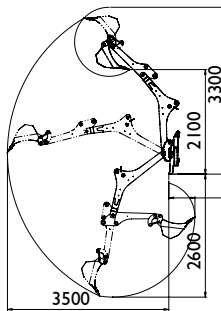


- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✘
- 860i ✘
- e527 ✔



Backhoe 260

The backhoe 260 has many improved features: Boom swing happens with two hydraulic cylinders, instead of the single cylinder and chain drive in the old models. The new system gives more exact boom movements when swinging and requires less service. Swing angle is 170 degrees. The backhoe 260 is equipped with hydraulic outriggers as standard. The operator can easily adjust the outriggers with the lever on the backhoe control valve. This allows quick and easy set up also on uneven terrains. Changing of bucket is easy thanks to the quick attach mechanism. Mounting the backhoe on Avant is very fast, and the new foldable control valve bank and locking system on the boom make it even easier.



Optional extras:

Bucket 9.8 in A414301

Bucket 29.5 in A35230

Bucket 39.4 in A35383

Quick attach adapter S30-150 with sideways tilt A35249, (not when thumb grab A435527)

Trapezoidal bucket 25.6 in A21638

Trapezoidal bucket 35.9 in A36374

Thumb grab A435527 (not when bucket tilt adapter A35249)



- ✔ **Powerful and professional backhoe with excellent outreach**
- ✔ **Hydraulic outriggers**
- ✔ **Bucket quick attach system S30-150**
- ✔ **170 degree boom swing angle with consistent speed**
- ✔ **Dozer blade on front frame**
- ✔ **Several bucket options**
- ✔ **Bucket sideways tilt adapter available as an option**
- ✔ **Thumb grab available as an option, for handling stones etc.**

Max. Digging depth	102 in
Width	51.2 in
Boom swing angle	170 °
Standard bucket	15.7 in / A414304
Weight	925 lb
Product no	A37510

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Backhoe 260 with remote control

The Avant backhoe 260 is also available with radio remote control, and the unit is equipped with a remote control wire. It allows the operator to stand next to the unit while digging with an unrestricted view of the work area. This is very useful for utility jobs, cemeteries and similar places where space is limited and exceptionally exact digging with total visibility is necessary.

The backhoe is equipped with a proportional control valve which guarantees easy and smooth operation and very exact movements of the booms and bucket with the joysticks of the remote control unit. If necessary, the movements can also be fine tuned. The required safety features like emergency stop, blinking light etc. are standard. The range of the radio remote control unit is about 330 ft. It is equipped with a rechargeable battery with approx. 11 hour working cycle. Battery charging time is 4 hours. Battery charger is included – a 12V charger or a 80-230V mains current charger.

The backhoe 260 with remote control is a product of its own – the remote control system cannot be retrofitted on a standard backhoe 260.

- ✓ **Perfect, unrestricted field of vision to the whole digging area**
- ✓ **Equipped with proportional control valve ensures smooth and exact movements with the joysticks of the remote control unit**
- ✓ **Range of remote control about 330 ft**
- ✓ **Remote control battery is rechargeable, working cycle about 11 hours – charging time 4 hours**

Optional extras:

- Bucket 9.8 in A414301
- Bucket 29.5 in A35230
- Bucket 39.4 in A35383

- Quick attach adapter S30-150 with sideways tilt A35249, (not when thumb grab A435527)
- Trapezoidal bucket 25.6 in A21638
- Trapezoidal bucket 35.9 in A36374
- Thumb grab A435527 (not when bucket tilt adapter A35249)



Max. Digging depth	102 in
Width	51.2 in
Boom swing angle	170 °
Standard bucket	15.7 in / A414304
Weight	925 lb
Product no 500-700 series	A430235
Product no 800 series	A443267

The optional Opticontrol® is recommended on the loader, for the electrical supply to the radio remote control receiver on the backhoe.

130

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			✓ Compatible	— Not recommended		✗ Incompatible									



Mini digger

The Avant mini digger is an efficient solution for small digging operations with maximum digging depth of 47.2 in or 59.1 in. It mounts directly on the quick attach plate of the loader and is operated with the auxiliary hydraulics control lever. Dump to the side by turning the steering wheel.

The mini digger 150 is equipped with the S30 bucket quick attach system (same as on backhoe 260), which makes changing the bucket fast and easy - and the bucket can also be mounted pointing forward if necessary. Bucket tilt adapter and hydraulic thumb grab for mini digger 150 are available as an option. For model 150 bucket needs to be ordered separately.

- ✔ **Efficient and economical solution for smaller digging jobs**
- ✔ **Very fast to mount on Avant**
- ✔ **Simple and light to transport from job site to another**
- ✔ **High unloading height**
- ✔ **Material can easily be transported further away**



Model	120	150
Max. digging depth	47.2 in	59.1 in
Standard bucket	9.8 in	-
Weight	155 lb	187 lb
Product no	A36822	A36856

Buckets	Mini digger 120	Mini digger 150
9.8 in	A415232	A414301
15.7 in	A415230	A414304
29.5 in	A35564	A35230
39.4 in	-	A35383
Trapezoidal bucket 25.6 in		A21638
Trapezoidal bucket 35.9 in		A36374

Option:

Bucket tilt adapter (Mini digger 150) A35320 (not when thumb grab A444174)
 Thumb grab (Mini digger 150) A444174 (not when bucket tilt adapter A35320)

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
120	✔	✔	✔	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘
150	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

✔ Compatible — Not recommended ✘ Incompatible



Mini digger 180

The mini digger 180 features hydraulic boom swing: the boom can be turned 60° to the right or to the left from centerline. This makes the mini digger even more versatile than before:

- By turning the boom to the side the bucket can be emptied without the need of moving and articulating the loader
- The optional tilt adapter makes it possible to dig with the bucket in many different angles, and it is also possible to dig alongside the wall with the boom turned to the side and bucket tilted parallel to the wall

The mini digger 180 is equipped with the same S30 bucket quick attach system as mini digger 150 and backhoe 260, which makes changing of bucket fast and easy - and the bucket can also be mounted pointing forward if necessary. Bucket tilt adapter or hydraulic thumb grab are available as an option. Both cannot be mounted on the mini digger simultaneously.

Because there are two hydraulic functions on the mini digger as standard – boom swing and bucket operation – there is also an electric selector valve for selecting the function. Boom swing and bucket cannot be operated at the same time. The selector valve is controlled with the switches on the optional Opticontrol® control switch pack which is necessary on the loader.

Options:
 Bucket tilt adapter A446187 (not when thumb grab A446167)
 Thumb grab A446167 (not when bucket tilt adapter A446187)

- ✓ **Efficient and handy digging unit, very fast and easy to mount on the loader**
- ✓ **Hydraulic boom swing, ±60° to the side from centerline**
- ✓ **Max. digging depth 71 in**
- ✓ **Digging alongside wall possible with the optional bucket tilt adapter**

Model	180
Max. digging depth	71 in
Boom swing angle	±60°
Weight (without bucket)	375 lb
Product no. (without bucket)	A445112

Buckets available	
9.8 in	A414301
15.7 in	A414304
29.5 in	A35230
39.4 in	A35383
Trapezoidal bucket 25.6 in	A21638
Trapezoidal bucket 35.9 in	A36374

The optional Opticontrol® is required on the loader.

- 220 ✗
- 225 ✗
- 423 ✗
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓



Auger

Avant's drilling drives are the ultimate in performance, quality and cost effectiveness. Using only the highest grade materials and strictest quality control, Avant offers the highest quality range of auger drives on the market today.

Fitted with Eaton bell motors and input housing, the innovative design allows the gearbox to go down the hole to maximize drilling depth without extensions, eliminating downtime and minimizes maintenance, optimizing your returns.



- Wide range of auger drive units with different torques enables efficient use of 6 in to 36 in auger drills
- The right drive unit for your work depends on the maximum drill diameter needed. Choose the drive unit from the table below

Model	Auger	Torque	Product no
Direct drive	6-12 in	1000 lb/ft	A37190*
DG1DSS	6-24 in	1467 lb/ft	DG1DSS
DG3DSS	6-36 in	2829 lb/ft	DG3DSS

* see also page 134

Product no.	Auger Size	Drill Bit	Product no.	Auger Size	Drill Bit	Product no.	Auger Size	Drill Bit
DG06EA	6 in	Earth	DG06HD	6 in	Tungsten	DG06RT	6 in	Rock
DG08EA	8 in	Earth	DG08HD	8 in	Tungsten	DG08RT	8 in	Rock
DG09EA	9 in	Earth	DG09HD	9 in	Tungsten	DG09RT	9 in	Rock
DG10EA	10 in	Earth	DG10HD	10 in	Tungsten	DG10RT	10 in	Rock
DG12EA	12 in	Earth	DG12HD	12 in	Tungsten	DG12RT	12 in	Rock
DG14EA	14 in	Earth	DG14HD	14 in	Tungsten	DG14RT	14 in	Rock
DG16EA	16 in	Earth	DG16HD	16 in	Tungsten	DG16RT	16 in	Rock
DG18EA	18 in	Earth	DG18HD	18 in	Tungsten	DG18RT	18 in	Rock
DG20EA	20 in	Earth	DG20HD	20 in	Tungsten	DG20RT	20 in	Rock
DG24EA	24 in	Earth	DG24HD	24 in	Tungsten	DG24RT	24 in	Rock
DG30EA	30 in	Earth	DG30HD	30 in	Tungsten	DGEXT2	24 in	Extension
DG36EA	36 in	Earth	DG36HD	36 in	Tungsten	DGEXT3	36 in	Extension

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
Direct drive	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
DG1DSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	—
DG3DSS	✗	✗	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—

✓ Compatible
— Not recommended
✗ Incompatible



Multi function drive unit

The multi function drive unit with square shaft can be fitted with various attachments: concrete mixing drum, screw cone log splitter, screening drum, cable/hose reel, carousel broom, rotary hoe and screw pile adapter.

In addition, there is a 90 degree angle adapter available as an option, on which the drive unit can be mounted. It turns the drive unit 90° to the left or right. This means that for instance the carousel broom sweeps on the left side of the loader, and the cable/hose reel is crosswise to the loader and winds the cable longitudinally (in parallel to the loader).

- ✔ **Can be fitted with several attachments: Concrete mixing drum, Screw cone log splitter, Screening drum, Cable/hose reel, Carousel broom, Rotary hoe, Angle adapter 90°, Screw pile adapter**
- ✔ **Torque 1000 lb/ft**
- ✔ **Auger drill bit adapter available as an option, enables use as auger drive unit**



Width	21.7 in
Height	22.0 in
Length	15.9 in
Weight	187 lb
Product no	A37190

Option:
Auger drill bit adapter A421527

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible Not recommended Incompatible

Attachments on multi function drive unit



- A37311 Cable/hose reel**
- Inside width 15.7 in
 - Total width 22 in
 - Reel diameter 7.5 in
 - End plate diameter 19.7 in
 - Weight 55 lb
 - Can also be mounted on the A37323 Angle adapter 90° → winds the cable in parallel to the loader



- A418530 Screw pile adapter**
- Easy way of making screw pile foundations, saves a lot of manual work
 - Mounts on any Avant auger drive unit
 - Fits on 2.4 in screw piles



- A449797 Screw pile adapter, pin type**
- Mounts on the inside of the screw pile
 - allows attaching the adapter also to screw piles with outside flange
 - Mounts on any Avant auger drive unit
 - Fits on 2.4 in screw piles



- A37207 Screening drum**
- Intended for screening of soil, gravel and sand
 - Volume: 24 gal
 - Screening sieve with 2x2 in holes – included also a separate 0.9x0.9 in sieve, which is bolted on the drum when finer screening is required
 - Length 23.8 in
 - Width 19.7 in
 - Height 18.2 in
 - Weight 165 lb



- A37500 Screw cone log splitter**
- Log splitter with a conical splitting screw
 - Splitting screw equipped with a replaceable tip
 - Also equipped with a log holder bar which prevents the log from rotating during splitting
 - Weight 66 lb



- A37317 Carousel broom**
- Same 39.4 in replaceable brush as on A2971 Carousel broom, part no. A32698
 - Weight 150 lb
 - Can also be mounted on the A37323 Angle adapter 90° → sweeps on the left side of the loader



- A37491 Rotary hoe**
- For small scale soil cultivating
 - Equipped with two knife type blades
 - Cultivating depth max. 6.3 in
 - Length 20.9 in
 - Width 6.1 in
 - Height 11.1 in
 - Weight 33 lb



- A37323 Angle adapter 90°**
- Turns the multi function drive unit to point to the left or right
 - Length 24.8 in
 - Width 25.6 in
 - Height 11.8 in
 - Weight 90 lb



- A429932 XL weed brush**
- Consists of 3 pcs 23.6" steel brushes mounted together
 - Max. diameter 48.4"
 - Height 14.8"
 - Weight 140 lb



- A433646 Carousel broom, steel**
- 39.4" brush with steel bristles
 - Weight 150 lb



- A431157 XL wire rope brush**
- Brush with 32 pcs heavy duty wire rope bundles
 - Max. diameter 40"
 - Height 14.6"
 - Weight 80 lb



- A37395 Concrete mixing drum**
- Volume: 37 gal water, 24 gal ready concrete
 - Length 29.9 in
 - Width 23.6 in
 - Weight 110 lb



Trencher

The Avant trencher is a compact yet powerful tool. It features an adjustable depth control foot which ensures the operator digs at a set depth (up to 36 in) at all times and efficient soil removal for effective compaction back into the trench. Three different chain types and three chain widths are available for trenching in different ground conditions from general earth, to rocky ground, and even frozen ground.

The Avant DG90 Trenchers are ideal for laying pipe for irrigation, underground power and communications, road repairs and general construction.

Model	Digging Width	Chain Type	Motor Disp.
DG904EA	4 in	Earth	6.2 cu in
DG904CA	4 in	Combo	6.2 cu in
DG904SA	4 in	Shark Tooth	6.2 cu in
DG906EA	6 in	Earth	6.2 cu in
DG906CA	6 in	Combo	6.2 cu in
DG906SA	6 in	Shark Tooth	6.2 cu in
DG908EA	8 in	Earth	6.2 cu in
DG908CA	8 in	Combo	6.2 cu in
DG908SA	8 in	Shark Tooth	6.2 cu in
DG904ED	4 in	Earth	8.0 cu in
DG904CD	4 in	Combo	8.0 cu in
DG904SD	4 in	Shark Tooth	8.0 cu in
DG906ED	6 in	Earth	8.0 cu in
DG906CD	6 in	Combo	8.0 cu in
DG906SD	6 in	Shark Tooth	8.0 cu in
DG908ED	8 in	Earth	8.0 cu in
DG908CD	8 in	Combo	8.0 cu in
DG908SD	8 in	Shark Tooth	8.0 cu in



	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
900	✗	✗	⊖	⊖	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
1200	✗	✗	✗	✗	⊖	⊖	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗

✓ Compatible
 ⊖ Not recommended
 ✗ Incompatible



New

Hydraulic breaker

The Avant hydraulic breaker is specially designed for use with Avant loaders. The B120 breaker is a compact but powerful demolition unit with large tool diameter and an oil flow range suited to most Avant loader models.

Equipping the Avant loader with the hydraulic breaker is a very efficient tool in demolition and refurbishing operations. With its compact dimensions, you can go almost anywhere with this unit.

The B120 breaker features a high tool-weight and power-weight ratio. This means less energy is needed in breaker work, which results in higher production rate and lower fuel consumption. In addition, the Constant Blow Energy (CBE) system features a pressure adjusting valve inside the breaker which controls operating pressure. This allows a wide oil flow range to the breaker with constant high power. The Idle Blow Protection (IBP) ensures the breaker cannot be operated until pressure is placed on tool. This protects the breaker, parts and tool, providing a longer lifetime. IBP can easily be turned on and off in the field if necessary.



- ✔ **Top quality sound isolated hydraulic breaker, very compact and powerful**
- ✔ **Constant Blow Energy system allows wide oil flow range to suit most Avant loader models**
- ✔ **Idle Blow Protection – less stress on the breaker, longer lifetime**
- ✔ **High tool to weight and power to weight ratio – better production rate**
- ✔ **Hydraulic hoses and mounting plate are included – the breaker is all ready for work**

Option:

- Automatic greasing A458088
- Tool wear ring protection kit A458089

Working weight	265 lb
Tool diameter	2 in
Oil flow range	4-13 gpm
Frequency	750 – 2 250 bpm
Operating pressure	110 - 150 bar
Product no	A457752

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

✔ Compatible — Not recommended ✘ Incompatible



Asphalt spreader

The asphalt spreader is an efficient and easy to operate attachment for smaller repairs on roads, pavements, yards etc. It is intended for spreading mastic asphalt (guss asphalt) which is made especially for surface repairs. Therefore the spreader doesn't work with traditional asphalt.

The 27.6 in wide asphalt strip is spread by driving forward with the loader. This way the new asphalt surface runs between the wheels of the loader. A hydraulically operated hatch at the bottom of the spreader allows spreading the right amount of asphalt to the rear compacting plate, which compacts the asphalt. Additional compacting with an asphalt roller is not necessary. The unit moves on skid shoes made of Hardox steel.

The required aggregate (sand) spreading on asphalt - to make the new asphalt less slippery - can be done at the same time with the rear mounted Avant sand spreader.

- ✓ **Easy and fast asphalt surface repairs on roads, pavements, parking lots etc.**
- ✓ **Works with mastic asphalt**
- ✓ **Rear compacting plate on the spreader compacts the asphalt, additional finishing with asphalt roller is not necessary**
- ✓ **Aggregate spreading can be done at the same time with the rear mounted Avant sand spreader**



Working width	27.6 in
Total width	35.5 in
Volume	95 gal
Length	41.3 in
Height	35.9 in
Compaction plate height adjustment	0-1.6 in
Weight	530 lb
Product no	A427857

- 220 Incompatible 225 Incompatible 423 Incompatible 523 Not recommended 528 Compatible 530 Compatible 635i Compatible 640i Compatible 645i Compatible 650i Compatible 735i Compatible 755i Compatible 760i Compatible 855i Compatible 860i Compatible e527 Not recommended
- 138 Compatible Not recommended Incompatible



Asphalt grinder

The strong and efficient asphalt grinder (also called cold planer) is an ideal attachment for asphalt road and pavement repairs and utility jobs. It grinds away the asphalt surface up to 3.1 in depth, making repair of potholes, utility cuts, small overlays and edge repairs fast and easy. Different types of teeth are available for grinding of asphalt or concrete.

Water spraying system is available as an option. It is mounted on top of the planer and is equipped with 15.9 gal water tank and nozzle bar (same as on Avant collecting broom), membrane pump and strainer filter. Also, 3 pcs Avant 64 lb counterweights can be mounted on the water tank support frame to add weight when grinding hard asphalt etc. material.

If side shift is needed, the hydraulic side shift adapter A37235 is available as an option. It requires the optional second auxiliary hydraulics front outlet on the loader.



Option:

Water spraying system

- Mounts on top of the grinder
- Water tank 15.9 gal + nozzle bar (same as on Avant 59.1 in collecting broom & bucket broom), membrane pump & strainer filter
- Max. 3 pcs Avant 64 lb counterweights A35957 can be mounted on the water tank support frame
- Product no. A37386

Cutting teeth:

- 66392 Asphalt tooth (standard)
- 66393 Concrete tooth

- ✓ **Efficient grinder for asphalt road and pavement repairs and utility jobs**
- ✓ **Different type of teeth available**
- ✓ **Hydraulic side shift adapter and water spraying system for dust binding available as an option**

Working width	11.8 in
Total width	26.0 in
Grinding depth	0-3.1 in
No. of cutting teeth	29 pcs
Height	18.9 in
Length	31.9 in
Weight	540 lb
Product no	A432621

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Concrete mixing bucket

The concrete mixing bucket is a tool when you need to make concrete without electricity or when you need to transport or lift the concrete to a place hard to access. The bucket is equipped with a screw shaft and a guard grill on the bucket. Available in two sizes: a 7.4 cu ft capacity bucket (two versions: emptying from the bottom hatch in the middle of the bucket, or on the left of the bucket), and a larger 11.3 cu ft concrete mixing bucket, intended for 700 and 800 series, is now available. It is equipped with emptying in the middle of the bucket. The hatch opening is powered by a hydraulic cylinder controlled with an electric directional valve, operation from driver's seat with an electric switch. The bucket is also equipped with a flexible 53.1 in emptying tube which mounts on the bottom hatch. This enables pouring of the concrete further away from the bucket.

- ✓ **Easy and efficient way to make concrete in places where electricity is not available**
- ✓ **The mixed concrete is easy and effortless to transport and pour into desired place**
- ✓ **Self loading – sand can be taken to the bucket directly from the pile**
- ✓ **Concrete can be poured to over 6 feet height**



Model	200	350
Total width	58.7 in	66.9 in
Screw shaft diameter	15.7 in	18.9 in
Volume	7.4 cu ft	11.3 cu ft
Empty weight	660 lb	925 lb
Weight at max. capacity	1750 lb	2620 lb
Unloading hatch diameter	7.1 in	7.1 in
Emptying tube length	53.1 in	53.1 in
Product no., emptying in the middle	A36473	A447861
Product no., emptying on the left	A37241	-

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
200	✗	✗	✗	⊖	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊖
350	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✗

140

✓ Compatible
 ⊖ Not recommended
 ✗ Incompatible

Drum type concrete mixer

The concrete mixing drum is a tool when you need to make concrete without electricity or when you need to transport or lift the concrete to a place that is hard to reach. Mixing is done hydraulically and emptying is done simply by tipping the drum forward.

- ✓ **Economical attachment for more occasional concrete mixing**
- ✓ **Easy way to make concrete in places where electricity is not available**
- ✓ **Ready mixed concrete is easy to transport and lift to desired place**



Volume	3.5 cu ft / 6.0 cu ft
Operation	hydraulic
Weight	143 lb
Product no	A36951

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Vibrating plate

The vibrating plate is designed for earth compacting and is easy to attach to an Avat. Compacting is easy and safe with the vibrating plate connected to Avat's quick attach plate – the operator is not exposed to vibrations or excessive noise.

- ✔ **Efficient compacting also in places where bigger compactors don't fit**
- ✔ **Fast and easy mounting on Avat**



Weight	330 lb
Plate size	11.2 x 19.7 in
Impact force	1985 lb
Impact rate	2000 bpm
Product no	A21012

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
- 142 ✔ Compatible — Not recommended ✗ Incompatible

Disc scraper

The disc scraper is an excellent and cost efficient tool for removing carpet and floor tiles in demolition and refurbishing jobs. The durable disc takes off old carpet and tiles quickly and efficiently.

- ✓ **Efficient and economical carpet remover**
- ✓ **Fits on all Avants**
- ✓ **Equipped with two Avant 64 lb counterweights A35957**



Disc diameter	22.0 in
Length	37.8 in
Width	22.0 in
Height	20.0 in
Weight	183 lb
Product no	A36910

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Submersible pump

The submersible pump is a very useful attachment for situations where larger amounts of water or other fluids need to be drained from trenches, pits, wells etc. Pumping capacity is as high as 528 gal/min and fluid can be taken up from max. 65 ft depth. The pump is equipped with a 54 ft long discharge hose. The 32 ft long hydraulic hose kit is the same as for handheld tools.

- ✓ **Efficient pump for draining of water or other fluids from trenches, pits, wells etc.**
- ✓ **Fluid can be taken up from max. 65 ft depth**
- ✓ **Equipped with 54 ft long discharge hose**

Pumping capacity max.	528 gal/min
Pumping depth max.	65 ft
Aux. hydr. oil flow max.	10 gal/min
Width	13.8 in
Height	27.6 in
Weight	44 lb
Product no.	A36708

Option:
Hydraulic hose kit, 32 ft, with multi-connector A36707

- 220 ✓
- 225 ✓
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓



All-round grapple

This versatile tool can be used for lifting and transporting of many different types of materials which cannot be handled with a normal bucket or pallet fork. The grapple is equipped with a hydraulic cylinder in the upper grapple part and it opens all the way up in vertical position. This, together with the pressing force of the cylinder, gives excellent loading and handling capabilities. Total width is 35.4 in - this allows traveling through narrow doorways and working in small spaces.

✔ **Simple and robust hydraulic grapple for handling of various materials**



Width	Weight	Product no
35.4 in	143 lb	A110

- 220 ✔
- 225 ✔
- 423 ⊖
- 523 ✘
- 528 ✘
- 530 ✘
- 635i ✘
- 640i ✘
- 645i ✘
- 650i ✘
- 735i ✘
- 755i ✘
- 760i ✘
- 855i ✘
- 860i ✘
- e527 ✘

✔ Compatible
 ⊖ Not recommended
 ✘ Incompatible



Silage fork

A robust silage fork equipped with a powerful hydraulic cylinder, can be fitted on all Avant loader models. The strong blade type pins of the grapple penetrate into all types of feed. The fork has replaceable lower tines made of reinforced steel. The grapple goes up to vertical position which allows easy grabbing of round bales.

- ✔ **Compact model, which is well suited for silage distributing in small and confined places.**
- ✔ **The front edges on the forks are rounded, which offers a smaller turning diameter**
- ✔ **Mounting plate which increases tipping angle by 17 degrees is available as an option**



Width	Weight	Product no
31.5 in	265 lb	A428328
35.5 in	280 lb	A36299
41.3 in	305 lb	A36313
51.2 in	355 lb	A36319

Option:
Mounting plate which increases tipping angle by 17 degrees A36337
(only for special applications, risk of puncturing the front tires)

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
⊖	⊖	✔	✔	✔	✔	✔	✔	✔	✔	⊖	⊖	⊖	⊖	⊖	✔
146															
✔ Compatible ⊖ Not recommended ✖ Incompatible															



XL Silage grab

The larger silage grab series is intended for Avant 500, 600, 700 and 800 series loaders, with three different widths to match machines perfectly. The new series can carry up to 30 % more silage without losing visibility on the feeding table. Open grab construction on the top offers better visibility when the grab is open. Strong heavy duty construction with two cylinders. Forged bolt-on tines also on the top grab.

- ✓ **Larger silage grab model, designed for larger jobs**
- ✓ **The top grab construction is completely open from the middle improving visibility when driving while the grab is open.**
- ✓ **Top grab has two cylinders for improved compression power**



Width	Weight	Product no
51.2 in	507 lb	A441007
57.1 in	540 lb	A440998
63.0 in	573 lb	A440586

Option:
Mounting bracket which increases tipping angle by 17 degrees A34587

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



✓ Compatible
 — Not recommended
 ✗ Incompatible



Silage dozer blade

The silage dozer blade is intended for moving uneaten silage back to the cattle on the feeding table. Mounts on the normal or XL silage grab simply by closing the upper grapple on the dozer blade. The blade can be grabbed with the silage grab from two sides which means that it can move the silage both to the right or to the left. Equipped with a durable nylon blade.

- ✓ **Easy and economical way to push uneaten silage back to the cattle on the feeding table**
- ✓ **Mounts on normal and XL silage grabs**
- ✓ **Can be grabbed from two sides – moves silage to the right or to the left**



Blade length	70.9 in
Working width	45.7 in
Blade height	15.7 in
Weight	200 lb
Product no	A37111

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓



Feeding table cleaning blade

This cleaning blade is specially designed for clearing the cattle feeding table before distributing new silage to the table. The cleaning blade can be mounted by driving the silage fork into the blade. There is no need to get out of the driver's seat which speeds up the cleaning process because no attachment change is necessary. The cleaning blade has a rubber lip on the lower surface that ensures good cleaning result.

ATTENTION! Available only together with Avant silage forks.

- ✓ **The easiest way to clean the cattle feeding table**
- ✓ **Mounts on Avant silage forks: drive the fork into the blade with the grapple open and press the grapple down to lock the blade so no need to get out of the driver's seat.**



Option:
Extra side extension A46337

For silage fork

Width	47.2 in
Side extension width	21.7 in
Weight	110 lb
Product no	A2936

For XL silage grab

Width	65.0 in
Side extension width	21.7 in
Weight	165 lb
Product no	A35512

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



Silage dispenser

The silage dispenser bucket is equipped with a hydraulically driven elevator in the bottom and can discharge to both the right and left side. Especially recommended for precision chopped silage and livestock feed made with feed mixers. The dispenser bucket can be filled like a normal bucket directly from floor level.

Side hatches can be opened and closed manually - hydraulic operation of the hatches is available as an option.

- ✓ **Quick and easy way to distribute silage**
- ✓ **Silage can be distributed to the left or the right side**
- ✓ **Can be tilted down to ground level and filled like a normal bucket**
- ✓ **Manual side hatch adjustment as standard, hydraulic side hatch operation available as an option**



Volume	23.0 cu ft
Bucket width	43.3 in
Total width	53.5 in
Height	47.2 in
Weight	720 lb
Product no	A424013

The optional Opticontrol® is required on the loader with hydraulic side hatch operation

Option:
A429734 Hydraulic side hatch operation

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
150				✓ Compatible		— Not recommended			✗ Incompatible						



Feed mover screw

The feed mover screw provides an efficient way to move uneaten feed back in front of the cattle. When moving, the screw mixes the feed and the fresh feed remains on top.

With the feed mover screw drive speed can be higher, 6 mph. Feed can be moved both to the right and to the left simply by changing the rotation direction. The plastic scraper blade at the rear of the attachment cleans the feeding table very efficiently.

- ✔ **Fast and easy way of moving feed to the animals**
- ✔ **Discharge in both directions**
- ✔ **High efficiency, also on larger farms**
- ✔ **Scraper blade cleans the feeding table efficiently**
- ✔ **Equipped with a protective bar for the screw**



Working width	55.1 in
Total width	64.4 in
Weight	265 lb
Product no	A452355

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

✔ Compatible — Not recommended ✘ Incompatible



Silage block cutter

Powerful and robust silage cutters with two hydraulic cylinders. With the silage cutter you can easily cut silage directly from the silo and take it to the cattle. The cutting blades are made of special steel; they cut very efficiently and leave a clean and even surface in the silo. This prevents air getting into silage and warming up. Thanks to the open design of the cutting blade visibility during silage distribution is excellent. Lower tines are made of hardened steel.

- ✔ **Strong and robust design, cuts efficiently also tightly packed silage**
- ✔ **39.4" cutter and 51.2" cutter**
- ✔ **Open design – good visibility also when distributing the silage**
- ✔ **Strong lightweight construction**
- ✔ **Tines made of hardened steel**



Width	39.4 in	51.2 in
Weight	540 lb	617 lb
Product no	A21276	A21257

- 152
- 220
 - 225
 - 423
 - 523
 - 528
 - 530
 - 635i
 - 640i
 - 645i
 - 650i
 - 735i
 - 755i
 - 760i
 - 855i
 - 860i
 - e527
- Compatible
 Not recommended
 Incompatible



Carousel broom

The hydraulically operated carousel broom is a useful attachment when sweeping materials to the side or away from the wall. Rotates in both directions, can be angled manually to both sides by max. 57 degrees (42.9 in), which allows sweeping next to the wall. The carousel broom can be used for various sweeping tasks especially in farm environments.

- ✔ **Strong broom, moves materials efficiently**
- ✔ **Side shift allows brushing next to the wall**
- ✔ **Rotates in both directions**
- ✔ **Can be turned manually to both sides, in different positions, by max. 57 degrees (42.9 in) – allows sweeping next to the wall**
- ✔ **Equipped with replaceable 39.4 in diameter nylon brush**



Width	39.4 in
Broom diameter	39.4 in
Turning angle max.	+/- 57 °
Broom material	Nylon
Weight	154 lb
Product no	A2971

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Round bale grab

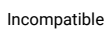
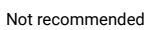
With the round bale grab you can lift and transport wrapped silage bales, hay bales and other round bales without damaging the plastic wrapping or net. The sturdy, yet light, construction maximizes lift capacity (see the table below).

- ✓ **The round bale grab transports all wrapped bales without damaging the wrappings**
- ✓ **Using the Avant loader and bale grab, you can pile three round bales on top of each other**



Weight	265 lb
Max. bale weight	
Avant 400 series	880 lb
Avant 520/523	1215 - 1435 lb
Avant 528/530	1875 - 2095 lb
Avant 600 series	2095 - 2315 lb
Avant 700 series	2425 - 2645 lb
Avant 800 series	2425 - 2645 lb
Max. grab width	59.0 in
Bale diameter	37.4 - 57.1 in
Product no	A21166

- 220 225 423 523 528 530 635i 640i 645i 650i 735i 755i 760i 855i 860i e527





Bale fork

With the round bale fork transporting and lifting of unwrapped round bales is easy and safe. The square bale fork makes it easy and safe to transport and lift unwrapped square bales.

Strong and simple construction ensures a long lifespan.

- ✓ **Easy and economical way to lift and transport bales**
- ✓ **Two models: designed for round and square bales**



Model	Square bale fork	Round bale fork
Width	39.6 in	48.0 in
Length	45.1 in	45.3 in
Weight	130 lb	120 lb
Tines	3 pcs	2 pcs
Prod. no	A410225	A410224

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



Round bale splitter

The Avant round bale splitter can even cut frozen bales, which are otherwise difficult to handle.

Splitting is fast and efficient thanks to the form of the cutting blade and the strong hydraulic cylinder. The bale can also be transported with the splitter. Wide and open design allows splitting of various size bales.

- ✓ **Efficient round bale splitter, splits frozen bales**
- ✓ **Bales can also be transported with the splitter, without splitting**
- ✓ **Wide and open design allows splitting of various size bales**



Splitting force	48500 lb
Tines	2 pcs long, 2 pcs short
Cutting blade length	78.2 in
Total length	80.7 in
Width	49.2 in
Height with blade up	86.6 in
Height with blade down	38.6 in
Weight	670 lb
Product no	A36199

- 156
- 220 ✗
 - 225 ✗
 - 423 ⊖
 - 523 ✓
 - 528 ✓
 - 530 ✓
 - 635i ✓
 - 640i ✓
 - 645i ✓
 - 650i ✓
 - 735i ✓
 - 755i ✓
 - 760i ✓
 - 855i ✓
 - 860i ✓
 - e527 ⊖
- ✓ Compatible
 ⊖ Not recommended
 ✗ Incompatible



Bedding distributor bucket

The bedding distributor bucket is intended for distribution of different types of beddings. The bucket is equipped with a 11.8 in wide belt, which allows distribution of chopped straw, sawdust, peat, bark, wood shavings, sand and lime. Belt speed is seamlessly adjustable.

The bucket is equipped with a mixing shaft which distributes the material evenly on the belt. Discharge to the left or to the right. Rubber scraper blade, designed for cleaning the floor grates, is available as an option. It mounts under the bucket.

- ✓ **Efficient distribution of various types of beddings**
- ✓ **Equipped with a 11.8 in wide belt - belt speed seamlessly adjustable by adjusting engine RPM's**
- ✓ **Discharge to the left or to the right**
- ✓ **Rubber scraper blade for floor cleaning available as an option**



Option:
Rubber scraper blade A37162

Volume	28.3 cu ft
Belt width	11.8 in
Belt speed	0-33 ft/s, steplessly adjustable
Width	55.1 in
Weight	750 lb
Product no	A36532

- 220 ✗
- 225 ✗
- 423 ⊖
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ⊖

✓ Compatible
 ⊖ Not recommended
 ✗ Incompatible



Manure fork

The Avant manure fork is a very useful attachment, designed for detaching and handling of manure and similar materials. The strong tines, made of high tensile forged steel, penetrate into compacted manure and can carry a heavy load.

- ✓ **Strong fork for handling of manure and similar materials**
- ✓ **Equipped with bolt-on replaceable tines, made of high tensile forged steel**



Width	43.3 in
Tine length	39.4 in
Fork length	43.7 in
Height	16.3 in
Weight	132 lb
Product no	A36038

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ⊖
- 860i ⊖
- e527 ✓



Grain/flour dispenser bucket

The Avant grain dispenser is a 10.6 cubic foot bucket equipped with a hydraulic motor and a 8" screw, designed for distribution of flour, crushed grain etc. Discharge to the right side.

The edge of the grain dispenser tilts all the way down so that loading from ground level is easy. The bucket is available in two versions: with discharge either to the right side or to the left side.

- ✓ **Easy distribution of flour, crushed grain etc.**
- ✓ **Loading from ground level like with a normal bucket is also possible**
- ✓ **Two versions available: discharge to the right or to the left**



Volume	10.6 cu ft
Width	43.3 in
Weight	198 lb
Product no., discharge to the right	A1194
Product no., discharge to the left	A36559

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



3 point hitch adapter

With the 3-point hitch adapter, it is possible to move agricultural attachments with Avant. It makes moving your 3-point attachments to storage or for cleaning practical especially when space is limited and handling the implement with the tractor is difficult. The trailer ball hitches can also be mounted on the 3-point hitch adapter.

Notice: Please also read the disclaimer about mounting the adapter on Avant loaders

- ✔ **Easy way to handle 3-point attachments with Avant**
- ✔ **Equipped with CAT2 tractor hitch as standard - CAT1 mounting kit is available as an option**
- ✔ **Avant trailer ball hitches can also be mounted, as an option**



Type	CAT 2
Weight	125 lb
Product no	A36433

Option:
 CAT1 mounting kit A418980
 Trailer ball hitch A417323
 Trailer ball hitch with towing pin A417337

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔
160															
		✔ Compatible ⊖ Not recommended ✘ Incompatible													



Horse manure collector

The horse manure collector is a simple and economical way to collect horse manure. It works well on many surfaces (saw dust, horse arenas) and mounts directly on any Avant bucket.

- ✔ **Simple and economical way to collect horse manure**
- ✔ **Mounts on Avant general and light material buckets**



Width	37.4 in
Weight	65 lb
Product no	A36292

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible
 Not recommended
 Incompatible



Front cultivator

The front cultivator can be used together with the horse arena harrow. It is especially useful in a more compacted arena or an outdoor riding area. It is equipped with large tines which loosen the soil and make harrowing of the arena easier. Equipped with two wheels in the front.

- ✔ **Efficient and easy way to loosen compacted soil**
- ✔ **Equipped with replaceable tines**
- ✔ **Can be mounted on all Avants**



Width	55.5 in
Length	28.5 in
Height	24.8 in
Number of tines	7 pcs
Working depth	0 - 6 in
Weight	176 lb
Product no	A36555

- 220
 225
 423
 523
 528
 530
 635i
 640i
 645i
 650i
 735i
 755i
 760i
 855i
 860i
 e527
- Compatible
 Not recommended
 Incompatible



Spring tine cultivator

The towable spring tine cultivator with 59 in working width is a useful attachment for the maintenance of outdoor horse arenas, and cultivating fields. There are 15 spring loaded S tines with replaceable teeth in two rows which cultivate the soil up to 4 in depth. Working depth can be adjusted by adjusting the height of the rear field roller.

Compared with the horse arena harrow, the spring tine cultivator goes deeper in the ground whereas the horse arena harrow with straight tines and dozer blade is intended for harrowing and levelling the surface. That's why the spring tine cultivator is suited for arenas with gravel or sand sub-base – where there is no geotextile fabric, rubber or other materials which the tines could dig up. The cultivator is also a great tool for a hobby farmer for cultivating smaller fields and similar surfaces.

The spring tine cultivator works with all articulated Avant loader models. The loader must be equipped with the 2 inch trailer ball hitch. If the optional hydraulic support wheels are mounted on the cultivator, the optional double acting rear auxiliary hydraulics outlet is required on the loader.

Options include manually or hydraulically operated support wheels (same as for horse arena harrow), side wheel and side scraper blade for working close to the wall in indoor arenas.

Options:

- Manually operated support wheels, product no. A36593
- Hydraulically operated support wheels, product no. A37547
The loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.
- Side wheel A418962
- Side scraper blade A36471
- Quick attach plate A449060

- ✔ **Useful attachment for maintenance of outdoor horse arenas, cultivating fields etc.**
- ✔ **Equipped with 15 pcs S type tines with replaceable teeth**
- ✔ **Working depth up to 4 in, adjusted with the rear field roller**
- ✔ **Support wheels (manual or hydraulic), side wheel and side scraper blade available as an option**

Working width	60.2 in
Working depth	0 – 4 in
Weight	408 lb
Product no	A442314

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible
 Not recommended
 Incompatible



Horse arena harrow

The horse arena harrow is intended for levelling and loosening of horse arena riding surfaces. The harrow has two spring loaded tine rows which loosen the surface, a leveller that makes the surface completely even and a tilling roller that compacts the ground and leaves a finished surface perfectly suited for a horse's hoof. The harrow doesn't damage the lower levels (understructure) of the riding surface.

The horse arena harrow features:

- A clearing shovel which takes away and levels the sand from the sides of the riding arena.
- A tilling roller that smoothens the harrowed ground and leaves a finished surface.
- A large wheel that protects the walls of the riding arena in case the harrow hits the wall.



Options:

- Manually operated support wheels, product no. A36593
- Hydraulically operated support wheels, product no. A37547. The loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.
- Weights with handle, 64 lb, which can be mounted on the harrow to increase weight and make harrowing more efficient. With two weights the harrow works on almost any surface. The weight is the same extra weight as on Avant loader, product no. A35957.
- Water spraying system, product no. A37065
- Quick attach plate A449060

- ✔ **A professional harrow that makes it easy to keep the horse arena in top condition**
- ✔ **Can be adjusted for several kinds of riding surfaces**
- ✔ **Once the adjustments have been done the harrow is very easy to use**
- ✔ **Two types of support wheels – manually or hydraulically operated – available as an option: the harrow can be lifted off the ground and towed to desired place**
- ✔ **Water spraying system available as an option, with 32 gal water tank**

Working width	60.2 in
Weight (without 64 lb extra weights)	365 lb
Product no	A21646

The optional Opticontrol® is required on the loader with water spraying system

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible Not recommended Incompatible

Big bag transporter

With the big bag transporter you can lift and transport big bags safely and securely. This simple attachment makes loading of fertilizer or stacking big bags as easy as it can get.

- ✔ An inexpensive and safe way to handle big bags
- ✔ The lift hook can be adjusted in four different heights between 47 - 71 in

Lift hook height	47.0 - 71.0 in
Width	43.3 in
Weight	133 lb
Product no	A36221

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Stone collecting bucket

The stone collecting bucket - also known as riddle bucket - is intended mainly for collecting stones from the fields after it has been harrowed. With an Avant 400, 500, 600, 700 or 800 series it is easy and fast to collect stones from nearby fields.

- ✓ **Easy and fast way to collect stones from fields**
- ✓ **Equipped with strong and durable bars**



Width	41.3 in	54.0 in
Bar diameter	0.9 in	1.2 in
Weight	216 lb	485 lb
Product no	A2999	A415432

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
1050	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	✓
1370	✗	✗	✗	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	—

✓ Compatible
 — Not recommended
 ✗ Incompatible



Calf box

The calf box is a safe and easy way to transport calves on cattle farms. It is equipped with a gate and plywood floor. Castor wheels for easy moving of the box by hand are available as an option (solid plastic wheels or pneumatic tires).

- ✓ **Safe and easy way to transport calves on cattle farms**
- ✓ **Robust construction**
- ✓ **Equipped with a gate & plywood floor**
- ✓ **Castor wheels available as an option**



Width	40.2 in
Length	54.4 in
Height	50.2 in
Max. load	1100 lb
Weight	310 lb
Product no	A445704

Options:

Castor wheels, solid plastic, 4 pcs (will increase height by 6.5 in) A418506

Castor wheels, pneumatic tires, 4 pcs will increase height by 9.3 in) A420800

- 220 ✗
- 225 ✗
- 423 ⊖
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓

✓ Compatible
 ⊖ Not recommended
 ✗ Incompatible



Compressor

The Avant compressor makes it possible to have compressed air anywhere you go. Creates maximum 105 gal/min at 115 PSI pressure and can be used for running power tools and in circumstances where electricity is not available.

- ✔ **Easy way to get compressed air for pneumatic power tools**
- ✔ **Makes it possible to fill large tires (agricultural & construction machines for example) in places where electric current is not available**
- ✔ **Fast cleaning of big machines with compressed air: combined harvester, construction machinery etc.**



Product no
A35409

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Pressure washer

This powerful pressure washer with 65 foot hose reel is easy to take anywhere with the Avant. Has a maximum 8 gal/min water flow and 2900 PSI pressure. It can be connected directly to a water hose or a barrel.

It can suck water via inlet hose from as much as 10 feet below the level where the unit is. This is a very useful feature when taking water from a tank, reservoir, lake etc.

- ✓ **Powerful washer with high max. water flow and pressure**
- ✓ **Can be connected directly to tap, or with the inlet hose take water from as much as 10 ft below ground level**
- ✓ **Equipped with 65 foot hose reel and washing gun**



Max. water flow	Product no
8 gal/min @ 2900 PSI	A35411

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Winch

The Avant hydraulic winch enables towing of all kinds of objects (e.g. logs, poles, boats) from places where you cannot drive with the machine.

The winch is equipped with a safety net, 100 feet of cable and a towing hitch. It is powered by a powerful hydraulic motor and mounts on Avant's quick attach plate.

Using the winch is simple enough that even a one-man team can easily utilize it. The auxiliary hydraulics lever is switched to continuous flow from the driver's seat, which releases the cable drum so that the cable can be pulled out by hand. When the cable is attached to the desired object, operator returns to driver's seat and turns the auxiliary hydraulics lever in the opposite direction and the winch begins to reel in the cable. The winch stops as soon as the auxiliary hydraulics control lever is released.

- ✓ **Powerful and compact hydraulic winch for various tasks**
- ✓ **The winch is mounted directly on Avant's quick attach plate, so you can also use the boom for lifting materials with the winch.**
- ✓ **Equipped with wire rope guiding rollers**



Max. Pulling power	2200 lb
Max. Reeling speed	7.5 ft/sec @ 5.3 gal/min (recommended oil flow)
Wire length	100 ft
Weight	231 lb
Product no	A36960

- | | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| 170 ✓ Compatible — Not recommended ✗ Incompatible | | | | | | | | | | | | | | | |

Tree shear

The Avant tree shear is an efficient and useful tree cutter, intended for forest thinning, tree clearance and similar jobs where smaller trees need to be cut. The strong grapple takes a firm grip of the tree trunk and a hydraulic cylinder pushes the cutting blade against the trunk and cuts it. The tree is then easy and fast to move away with Avant. If needed, the cutting blade can be turned 180 degrees to point backwards. This means it doesn't cut and the unit can be used as a grapple only.

- ✓ **Powerful tree cutter for up to 7.5 in diameter trees**
- ✓ **Excellent tool for forest thinning, tree clearing**
- ✓ **Thanks to the strong grapple the tree is easy to take away with Avant**
- ✓ **Can also be used as a grapple only, by turning the cutting blade to point backwards**



Tree diameter	max. 7.5 in
Grapple opening	30.3 in
Weight	243 lb
Product no	A35831

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



Log grab, heavy duty

A strong log grab for customers who need to move tree trunks, logs etc. The grab firmly grips the wood with lower tines formed for grabbing bigger tree trunks.

- ✔ **Heavy duty design allows grabbing of larger logs**
- ✔ **Grabbing and transporting of bigger stones and similar objects**



Width	33.3 in
Height	39.0 in
Weight	396 lb
Product no	A415691

- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|--------------|-------------------|------|----------------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ⊖ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ⊖ |
| | | | | ✔ Compatible | ⊖ Not recommended | | ✗ Incompatible | | | | | | | | |



Log grab

The Avant log grab mounts on the Avant pallet fork. With the log grab you can lift and transport single logs or smaller timber bundles. The grab is equipped with a powerful hydraulic cylinder and can therefore also lift bigger stones, as well as branches, fence poles and similar objects.

- ✔ **Easy mounting on pallet fork**
- ✔ **Basic attachment for fencing and forest work**
- ✔ **Grabbing and transporting of stones and similar objects also possible**
- ✔ **Must order both log grab and desired pallet fork**

Max. diameter	Min. diameter	Weight
35.4 in	7.0 in	110 lb



Product no	Description
A33503	Log grab
A21047	33.5" pallet fork
A21039	43.3" pallet fork
A36589	47.2" pallet fork

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Timber grab

The timber grab is an attachment that allows you to grab tree trunks, branches, wood waste, curb stones etc. and transport them both lengthwise and crosswise. This makes it possible to pass through narrow places with long logs and enables loading on trailer or on a pile in any direction. The timber grab is available either with a hydraulic rotator or as freely rotating version. If the loader is equipped with the 6 or 8 function joystick, all functions of the grab with hydraulic rotator (grab opening/closing, rotation) can be operated with the switches on the optional Opticontrol® switch pack.

- ✓ Available with hydraulic rotator
- ✓ Grapple opening 48.1 inches
- ✓ Versatile grab for transporting and loading of tree trunks, branches, curb stones etc.
- ✓ Rotating grab requires attachment control switch pack



Option:
 Arborist kit A427744
 Lock valve, mounting kit, on grab cylinder A436627

Rotation type	Freely rotating	Hydraulic rotation
Grapple opening diameter	48.1 in	48.1 in
Grip area	1.72 ft ²	1.72 ft ²
Weight	255 lb	300 lb
Product no	A37457	A37456

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

- 220 ✗
- 225 ✗
- 423 ✓
- 523 ✓
- 528 ✓
- 530 ✓
- 635i ✓
- 640i ✓
- 645i ✓
- 650i ✓
- 735i ✓
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✓

✓ Compatible
 — Not recommended
 ✗ Incompatible

Timber grab HD

The heavy duty timber grab is equipped with a stronger boom, hydraulic rotator and a larger grapple. It is intended especially for Avant 700 and 800 series. The arborist kit which mounts on the boom is also standard feature. When cutting a tree you can push the tree down with it if necessary, instead of pushing by hand. It is also possible to attach a rope on the bracket on the kit, which enables towing the logs by pulling them with the loader.

- ✔ HD grab with stronger boom and rotator and larger grapple
- ✔ Arborist kit as standard
- ✔ Intended especially for 700 and 800 series



Rotation type	Hydraulic
Grapple opening diameter	52.8 in
Grip area	2.15 ft ²
Weight	620 lb
Product no	A438973

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✘	✘	—	—	—	—	—	—	—	—	✔	✔	✔	✔	✔	—

✔ Compatible — Not recommended ✘ Incompatible



New

HD multi-purpose grapple

There are two HD multi-purpose grapple models which mount directly on the attachment coupling plate of the loader: one with hydraulic rotator and one without rotator. They have a different type grapple from the timber grabs. The HD multi-purpose grapple can handle timber as well, but thanks to its sharp claws it can also pick up stones, roots and smaller stumps, as well as remove bushes and other vegetation.

- ✔ **Heavy duty grapple, mounts directly on the attachment coupling plate of the loader**
- ✔ **Two models: with hydraulic rotator or without rotator**
- ✔ **Thanks to sharp claws can pick up stones, roots and smaller stumps, as well as remove bushes and vegetation**



Rotation type	No rotation	Hydraulic
Grapple opening diameter	52.8 in	52.8 in
Grip area	2.15 ft ²	2.15 ft ²
Weight	355 lb	465 lb
Product no	A436473	A437203

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

176

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	+	+	+	+	✔	✔	✔	✔	✔	✔	✔	✔	✔	—
✔ Compatible — Not recommended ✗ Incompatible															



Root grapple

The hydraulic root grapple is a strong and versatile attachment for handling of trees and roots.

The heavy duty design features plenty of clamping power ideal for loading and piling brush, logs, rocks and light demolition debris. Hydraulic cylinders, hoses and fittings are well protected against falling debris.

- ✓ **Versatile hydraulic grapple for tree and root removal**
- ✓ **Two models available: 35.4 inch wide with single grapple, 51.2 inch wide with two grapples**



Width	Weight	Product no
35.4 in	291 lb	A440857
51.2 in	405 lb	A37537

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
900	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1300	✗	✗	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Compatible
 — Not recommended
 ✗ Incompatible



New

Forestry mulcher

The forestry mulcher is intended for clearing bushes, brushwood and similar vegetation. It can also cut and crush small trees and grind small tree stumps - above ground level. The mulcher features direct hydraulic drive: a hydraulic motor is mounted on the rotor which is equipped with crushing and mulching type carbide teeth.

There is a hydraulically operated hood in front of the rotor. With the hood open it is possible to cut down standing trees and brush. This way the wooden material goes better in the rotor and does not bend under the mulcher before it cuts. When the hood is closed it prevents material from ejecting and improves mulching.

The mulcher is equipped with a horizontal push bar in the front. It guides the material that is being cut, and the push bar can also be used for moving and turning fallen trees and branches if needed.

Support skid shoes and adjustable counterblades in the rear and in the front are also standard equipment. Knife type cutting blades are available as an option, as well as a hydraulic oil cooler for very demanding conditions. Operation of the hydraulic oil cooler requires the optional Opticontrol® on the loader.

An enclosed cab (GT, DLX or LX) is mandatory on the loader when working with the forestry mulcher, due to the risk of material ejecting from the mulcher.

- ✓ **Efficient attachment for clearing bush, brushwood, smaller trees etc.**
- ✓ **Direct hydraulic drive, rotor equipped with durable carbide teeth**
- ✓ **Hydraulic front hood, horizontal push bar and support skids as standard**
- ✓ **Knife type cutting blades and hydraulic oil cooler available as an option**
- ✓ **Requires an enclosed cab on the loader**

Working width	53.1 in
Total width	65.7 in
Number of blades	27 pcs
Length	32.7 in with push bar, 24.0 in without push bar
Height	37.8 in with push bar, 20.9 in without push bar
Rotor rotating speed	2000 rpm (at 17.2 gal/min oil flow)
Weight	970 lb
Product no	A457772

Requires the optional Opticontrol® on the loader. The loader must be equipped with enclosed cab (GT, DLX, LX) when working with the forestry mulcher.

Options:
 Hydraulic oil cooler A458046
 Knife type cutting blade A450266

- 220 ✗
- 225 ✗
- 423 ✗
- 523 ✗
- 528 ✗
- 530 ✗
- 635i ✗
- 640i ✗
- 645i ✓
- 650i ✓
- 735i ✗
- 755i ✓
- 760i ✓
- 855i ✓
- 860i ✓
- e527 ✗



Stump grinder

The Avant stump grinder is an efficient and easy to operate tree stump remover. The cutting disc is mounted crosswise in relation to the loader, which means it throws the wood waste to the right side – the waste doesn't fly on the operator or the loader. In addition, the stump grinder is equipped with a protective rubber cover which prevents the wood from flying around.

Grinding happens by moving the grinder forward and backward which means easy control with the drive pedals of the loader – or with the tilt movement of the quick attach plate, and the sideways mounting of the cutting disc guarantees excellent visibility to the working area. The cutting teeth have three cutting edges: once a tooth becomes blunt, its fastening bolt is easy to open and turn the tooth so that a sharp cutting edge comes into use.

- ✓ **Equipped with 21.3 in cutting disc with 20 pcs replaceable teeth**
- ✓ **Teeth have three cutting edges – once a tooth becomes blunt it can be turned to get a new sharp cutting edge**
- ✓ **Excellent visibility to the work area, easy to operate**
- ✓ **Rubber damper on the quick attach bracket minimizes vibrations to the loader and makes working smoother**
- ✓ **Support bearing on cutting disc, reduces torsion forces**



Option:

Heavy duty tooth kit, teeth with tungsten carbide tip A444671

Standard tooth kit A467171

Hydraulic oil cooler * A454526

*) The optional Opticontrol® is recommended on the loader.

Cutting disc diameter	21.3 in
Number of teeth	20 pcs
Width	33.1 in
Height	36.2 in
Length	24.8 in
Weight	385 lb
Product no	A438282

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Horizontal log splitter

The horizontal log splitter is the most economical and simple way to make firewood with Avont. It mounts on the attachment coupling plate of the loader and is operated from the driver's seat. Splitting happens by picking up the log with the splitter and pushing it against the splitting wedge. The log can also be held with the splitter and transported to desired place for splitting.

Splitting force is 8.3 Ton. Maximum log length is 26 in and diameter 11.8 in.

A 4 way splitting wedge is standard equipment, allowing splitting into two or four pieces; a 6 way wedge is available as an option. Wedge height adjustment is manual as standard, hydraulic height adjustment is available as an option.



- ✔ **Horizontal log splitter, mounts on the attachment coupling plate of the loader**
- ✔ **Max. log length 26 in, diameter 11.8 in**
- ✔ **Splitting force 8.3 Ton**
- ✔ **4 way splitting wedge as standard, 6 and 8 way wedges are available as an option**
- ✔ **Manual wedge height adjustment as standard, hydraulic adjustment available as an option**

Max. log length	26 in
Max. log diameter	11.8 in
Max. splitting force	8.3 ton
Weight	260 lb
Product no	A443168

Options:

A443782 6 way splitting wedge

A453702 8 way splitting wedge

A443834 Hydraulic splitting wedge adjustment

- 220 ✘
- 225 ✘
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔



Wood chipper CH180

The CH180 wood chipper is an efficient and modern disc chipper, equipped with 4 blades and intended for Avant 600-800 series. It takes in dry twigs, branches and tree tops up to 7.1 in diameter and makes 0.5 in long chips. Material is loaded manually in the infeed chute, but the chipper is equipped with hydraulic feeding rollers and Smart Feed system which monitors rotating speed of the cutting disc. If too much wood is loaded in the infeed chute and the speed of the disc slows down considerably, the rollers reverse a bit which prevents blocking and stopping of the chipper. The adjustments of the Smart Feed system can also be programmed if necessary.

The discharge chute can be rotated manually 290°, and throwing height can also be adjusted by hand. Thanks to the modular design maintenance is easy, and with the discharge chute turned into transport position the CH180 is a compact package.

CH180 complies with the latest EN 13525 standard for wood chippers. It meets the criteria of the standard regarding the distance between the infeed chute and blades (min. 59 in), and infeed chute's bottom must be at least 23.6 in above the ground. The Smart Feed rotation control system also includes an electric emergency stop switch.

- ✔ **Powerful wood chipper for professional use**
- ✔ **Smart Feed hydraulic feeding system and cutting disc speed monitoring (no-stress in-feed control) make chipping easier and more efficient**
- ✔ **Meets the requirements of latest safety standards for wood chippers, including electric emergency stop switch**



Chip length	0.5 in
Max wood diameter	7.1 in
Number of blades	4 pcs
Feeding system	hydraulic, Smart Feed
Discharge chute rotation	manual, 290°
Weight	840 lb
Product no	A441997

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✗	✗	✗	✗	✗	✗	✔	✔	✔	✔	✔	✔	✔	✔	✔	✗

✔ Compatible — Not recommended ✗ Incompatible

Options, for attachments

Hydraulic side shift adapter

The hydraulic side shift adapter offers easy, seamless side shift of attachment, operated from the driver's seat. The solid and robust design features strong sliding guides which can also be lubricated. The quick attach plate on the adapter can be mounted in three different positions: on the left or on the right or in the middle of the adapter. This gives three different side shift options: 19.7 in side shift to the right or to the left, or 9.8 in side shift in both directions.

If a hydraulic attachment – 4 in 1 bucket, flail mower, cold planer etc. – is mounted on the side shift adapter, the loader must be equipped with the optional second auxiliary hydraulics outlet in the front, so that the attachment hoses are mounted on the multi connector and the side shift adapter hoses on the optional second outlet.



- ✔ **Easy, seamless hydraulic side shift of the attachment, operated from the driver's seat**
- ✔ **Side shift max. 19.7 in to the right or the left, or 9.8 in in both directions, depending on the mounting of the adapter's attachment plate**
- ✔ **Max. load 2200 lb**

Width	50 in
Height	17.1 in
Length	8.6 in
Weight	255 lb
Product no	A37235

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Side shift adapter

The side shift adapter is a rigid adapter plate which mounts on the loader's attachment coupling plate. It is equipped with two quick attach brackets, side by side, for mounting the attachment. This means that the attachment can be mounted on the adapter in two different positions:

- with side shift: the attachment is 23.6 in to the side from the centerline of the loader's attachment coupling plate
- without side shift: the attachment is mounted on the brackets which are against the loader's attachment coupling plate



- ✔ **Moves attachment 23.6 in to the side from centerline**
- ✔ **Two models available: 23.6 in side shift to the right or to the left**

Side shift adapter	23.6 in, right	23.6 in, left
Width	45.3 in	45.3 in
Height	10.4 in	10.4 in
Length	6.2 in	6.2 in
Weight	100 lb	100 lb
Product no	A37097	A37166

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Tilt adapter

The Avant tilt adapter is mounted between the attachment and the loader's attachment coupling plate. With it the attachment can be tilted sideways, and makes it possible to:

- Make different forms to the ground with a bucket or leveller
- Keep pallet fork level when you are driving on surfaces with gradient
- Load pallets that are on uneven ground
- Level ground on uneven surfaces

There are two tilt adapters available:

- Tilt adapter with max. 12.5° tilting in both directions. It is intended for buckets, leveller and pallet fork – for jobs where tilting is a must but the tilting angle doesn't have to be big
- Tilt adapter with max. 90° rotation, or 45° tilting in both directions. It is useful in applications where the attachment needs to be rotated more in order to get the job done: with grabbing tool (rotating of barrels etc.), rock drill, artificial turf attachment (to fit through narrow doors) etc.

The hydraulic cylinder of the 90° tilt adapter can be mounted in two different positions, which gives two tilting angles: either 45° tilting in both directions, or 90° rotation in one direction. The tilt adapter is intended mainly for non-hydraulically operated attachments, but with the optional second auxiliary hydraulics outlet in the front it is possible to mount also hydraulically driven attachments like a 4 in 1 bucket, pallet fork with hydraulic fork adjustment, grabbing tool, artificial turf attachment and rock drill at the same time.

- ✔ **Makes it possible to tilt the attachment sideways and grade the ground with a bucket or leveller, or load pallets on uneven ground with pallet fork**
- ✔ **Mounts between the attachment and the quick attach plate of the loader**
- ✔ **Two models: with max. ± 12.5° tilting or with max. 90° / ± 45° rotation**



Max. tilt	+/- 12.5°	90°, or ± 45°
Rated max load	3750 lb	2650 lb
Weight	143 lb	187 lb
Product no	A34148	A36505

	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
A34148	–	–	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✘	✘	✔
A36505	–	–	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

Attachment rotator

The attachment rotator makes it possible to rotate the attachment 360° continuously (endlessly) in both directions. This is useful in many jobs, for instance when emptying boxes which need to be turned upside down.



- ✔ **Hydraulic rotator makes it possible to empty boxes by turning them upside down, lifting of pallets on uneven ground, turning the attachment 360° etc.**
- ✔ **Mounts between the attachment and the quick attach plate of the loader**

Rotation	360° continuous
Rated max load	2650 lb
Weight	210 lb
Product no	A424406

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

✔ Compatible – Not recommended ✘ Incompatible

Adapter plate, weld-on

Avant offers a variety of original adapter plates, which can be welded directly onto:

- An attachment you have developed yourself.
- An object you wish to lift securely with Avant

All original Avant adapter plates will fit, which saves a lot of time consuming measuring and adjusting work from you.



Model	Product no
Quick attach brackets	A31566
Heavy duty quick attach brackets	A37015
Adapter plate 0.4 in	A2471
Adapter plate 0.8 in	A2472

- 220 ✔
- 225 ✔
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

Disclaimer for Avant adapters

The following Avant adapters presented in this catalogue: 3 point hitch adapter A36433; skid steer adapters A437407, A437144, A435531 and A442082 are suitable for use with Avant multi purpose loaders only. For compatibility with Avant loader model please contact your Avant dealer or consult the corresponding Operator's Manual of the attachment.

The adapter is mounted on the Avant loader like other attachments, between the attachment coupling plate of the loader and the attachment of the third party. The Avant adapters are suitable for temporary use, to lift or transport third party attachments occasionally, short distances. The Adapters are not designed for any other use than specified and must not be used for any other purposes than what they are intended for.

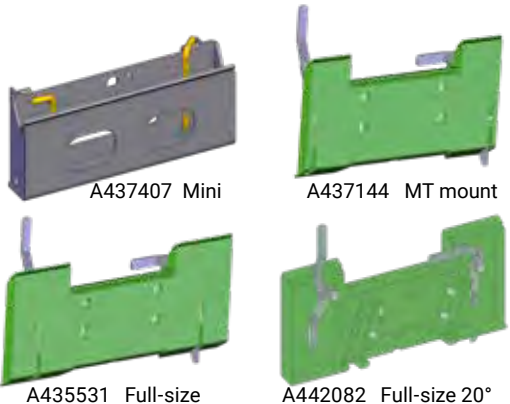
Avant Tecno Oy is not responsible for use or misuse of any third party attachments that are used with Avant adapters. The use of the third party attachments with Avant adapters A36433, A437407, A437144, A435531 and A442082 is done at your own discretion and risk, and with agreement that you will be solely responsible for any personal injuries or material damage.

Skid steer adapter

There are four adapter plates with different widths available which allow mounting of skid steer loader attachments on Avant.

Model	Product no
Mini	A437407
MT mount	A437144
Full-size	A435531
Full-size 20°*	A442082

* increases dumping angle by 20°



- 220 ⊖
- 225 ⊖
- 423 ✔
- 523 ✔
- 528 ✔
- 530 ✔
- 635i ✔
- 640i ✔
- 645i ✔
- 650i ✔
- 735i ✔
- 755i ✔
- 760i ✔
- 855i ✔
- 860i ✔
- e527 ✔

Side shift arm 1200

The rigid side shift arm is a side shift adapter which places the attachment 47 in to the side from the centerline of the loader's attachment coupling plate. There are quick attach brackets at each end of the arm, which means the attachment can be either on the right or on the left side of the loader. Max. load on the arm is 1100 lb. It allows, mowing on the side of the loader with the flail mower, cutting bar etc.

The side arm is equipped with a manually operated support leg and a 47 in long hydraulic hose kit (3 hoses) in case the attachment's standard hoses are not long enough to reach the multi connector on the auxiliary hydraulics outlet of the loader.

- ✔ **Rigid side arm, places the attachment 47 in to the side**
- ✔ **Allows mowing on the side of the loader with flail mower, cutting bar etc.**
- ✔ **Quick attach brackets at each end – attachment can be on the right or on the left side of the loader**



Length	77.2 in
Weight	130 lb
Max load	1100 lb
Product no	A449089

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Drawbar

The rigid drawbar is 40 inches long and equipped with a trailer coupling for ball hitch. It mounts on the attachment's quick attach plate and enables towing of the attachment with the loader. This can be useful with certain attachments, like the roller compactor. Height of the drawbar can be adjusted so that it fits on all models; both on Avant 200 series with lower ball hitch and on bigger Avant models. The loader must be equipped with the 2 in ball hitch.

- ✔ **Rigid drawbar, equipped with trailer coupling for ball hitch**
- ✔ **Mounts on the attachment's quick attach plate – enables towing of the attachment with the loader**
- ✔ **Manual height adjustment, for ball hitches on different Avant models**



Length	40 in
Weight	55 lb
Product no	A37481

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

✔ Compatible — Not recommended ✘ Incompatible

Quick attach frame on horse arena harrow and spring tine cultivator

The quick attachment frame is bolted on the horse arena harrow or spring tine cultivator. It is equipped with quick attach brackets so that the attachment can be lifted and transported with the loader, and support wheels are not necessarily needed for moving the harrow away from the arena, for instance. The 64 lb extra counterweights can be installed on the sides of the quick attach frame, and it mounts also on the horse arena harrow equipped with the water spraying system.



Product no. A449060

Multi Connector System



Multi connector
Pressure-Return
65251



Multi connector
Pressure-Tank line
65371



Multi connector
Pressure-Return-Tank line
65250



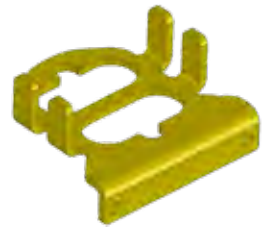
Multi connector
Loader side
A34366



Flat Faced coupling kit to connect skidsteer
Hydraulics to Avant Multi-connector System
CE565-9656



Adapter cable for attachment's
multi connector
A36679



Multi connector
Parking on attachment
A418927

220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
186				✓											

✓ Compatible
 ⊖ Not recommended
 ✗ Incompatible

Hydraulic manifolds to attachment multi connector

There are various hydraulic manifolds with different functions available which mount on the attachment multi connector:

Flow divider valve

This manifold reduces the auxiliary hydraulics oil flow from the loader to the attachment by 50 %. This means that the attachment movement speed is 50 % slower, which can be useful in situations where a slower attachment speed is required, without reducing loader engine revs too much.

Product no. A421684



2-way adjustable pressure relief valve

The pressure relief valve releases the excessive pressure which can be generated in the attachment if it is mishandled by e. g. pulling it too much with the loader. The opening pressure of the relief valve can be adjusted. It controls both the pressure from the loader to the attachment and the pressure in the attachment. In addition, there is a third, feed/tank line which is useful when the attachment is equipped with hydraulic cylinder(s).

Product no. A422104



Pressure gauges

The hydraulic pressures in the attachment, in both lines, are easy to check with these two pressure gauges. They mount on the A422104 2-way adjustable pressure relief valve. A422104 is not included.

Product no. A422475



Double check valve

The double check valve is a lock valve which prevents the movements of the attachment's hydraulic cylinder, in both directions, when the attachment is not in operation. This can be useful for instance with the log grab when handling delicate objects like curb stones etc. – the lock valve makes sure that the grab cannot open.

Product no. A422968



- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

Compatible Not recommended Incompatible

Filter kits



Product no:	Description
U00001	50 Hour Service Kit 420/423/523
U00002	50 Hour Service Kit 528/530
U00003	50 Hour Service Kit 630/635/640
U00004	50 Hour Service Kit 745/750
U00005	50 Hour Service Kit 755i/760i/860i
U00006	50 Hour Service Kit 220/225/225 LPG
A46683	200 Hour Service Kit 220
A420536	200 Hour Service Kit 225/225 LPG
A416943	200 Hour Service Kit 420/520 (for SN's after 70169)
A425525	400 Hour Service Kit 423/523
A48036*	200/400 Hour Service Kit 528/530
A410961*	200/400 Hour Service Kit 630/635/640
A459095	400 Hour Service Kit 635i/640i/735i
A452698	400 Hour Service Kit 645i/650i
A410784*	200/400 Hour Service Kit 745/750
A418900	400 Hour Service Kit 755i/760i/855i/860i

* Any machine manufactured after 1/1/2015 has a service interval of 400 hours

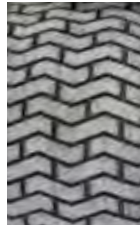
Wheels & tires



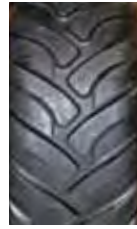
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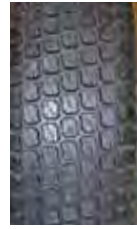
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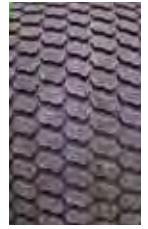
3



4



5



6

Size	Tread	Bolt pattern	Product no:	220	225	423	523	528	530	635i	640i	645i	650i	735i	755i	760i	855i	860i	e527	
20 x 8.00 - 10	4, TR	4	66231	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
20 x 8.00 - 10	6, Grass	4	66252	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
5.00-10*	1, TR	6	65412	⊗	⊗	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
5.70-12	2, TR	5	A434525	⊗	⊗	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
23 x 8.50-12*	2, TR	6	65046	⊗	⊗	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
23 x 8.50-12*	6, Grass	6	65045	⊗	⊗	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
23 x 8.50-12	2, TR	5	65995	⊗	⊗	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕
23 x 8.50-12	6, Grass	5	65994	⊗	⊗	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕
23 x 10.50-12*	4, TR	6	65048	⊗	⊗	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
23 x 10.50-12*	6, Grass	6	65047	⊗	⊗	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
23 x 10.50-12	4, TR	5	65997	⊗	⊗	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕
23 x 10.50-12	6, Grass	5	65996	⊗	⊗	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕
26 x 12.00-12	4, TR	10	65739	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊕
26 x 12.00-12	6, Grass	10	65212	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊕
320/60 - 12 HD	4, TR	10	65224	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊕
27 x 8.50-15	2, TR	10	65414	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊕
26.5 x 14.00-12**	3, Grass	10	65787	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗	⊗	⊗	⊕
320/55-15 HD	4, TR	10	65506	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗
320/55-15 HD	5, Grass	10	65459	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊗	⊗	⊗	⊗
400/50-15	4, TR	10	65958	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗	⊗	⊗	⊗
400/50-15	6, Grass	10	66257	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗	⊗	⊗	⊗
31 x 15.50-15	3, Grass	10	65959	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗	⊗	⊗
380/55-17	4, TR	10	66505	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗
380/55-17	6, Grass	10	A442475	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊕	⊕	⊗	⊗

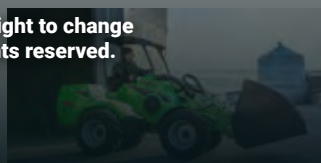
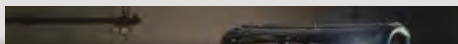
* for older 400 series with 6 bolt wheel hubs

** Requires 4 pcs A417486 1.5 in spacers

⊕ Standard

⊕ Option

⊗ Not available



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