

# AVANT<sup>®</sup> 645i

&

# AVANT<sup>®</sup> 650i



## Super compact loaders with high output

- ✓ The most compact over 26 hp Stage V / Tier 4 Final loaders in the world
- ✓ Can run practically all Avant attachments (auxiliary hydraulics 75 l/min)
- ✓ Low own weight makes the loaders easy to transport and gentle on the turf
- ✓ New GT cab (as an option) provides superior comfort

Avant 600 series is the real all-rounder in the range. It combines power, lift capacity and professional hydraulics which are in a very compact package.

Underlining the Avant ideology of small but mighty machines, the new 645i & 650i models are the most compact over 26 hp Stage V / Tier 4 Final loaders in the world. In these models, the power of the 700 series is packed into the frame of the 600 series.

Ideal for demanding professional use, these super compact loaders have plenty of power and torque for both thrust and speed-intensive work. Thanks to their high-flow auxiliary hydraulics, they can run practically any Avant attachment very well. Big snow blowers or crushers are not a problem for these two models.

The state-of-the-art GT cab provides extreme comfort for the operator. Superior in this size class, the cab truly gives you the feeling of driving a big machine. Yet, these nimble loaders will fit into spaces where bigger machines cannot go.

The single-speed model 645i is perfect for confined working spaces, whereas the double speed model 650i is the right choice for operators who need higher driving speed. Due to the low own weight of the loaders, they are easy to transport and very gentle on turf surfaces.



**2610 mm**



**1620-1630 kg**



**2835 mm**



**1190 kg**



**33 kW / 44 hp  
diesel**



**12-23 km/h**

# Specifications



## Height with cab

Wheel size	26x12.00-12 320/60-12*	320-55/15
Cab GT	2070 mm	2100 mm

\*) With 23" wheels machine is 15 mm lower

## Machine width

Wheel size	Profile	Width
27 x 8.50-15*	TR	1030 mm
23 x 8.50-12	TR or grass	1080 mm
23 x 10.50-12	TR or grass	1130 mm
26 x 12.00-12	TR or grass	1290 mm
320/60-12 HD	TR	1290 mm
320/55-15	TR or grass	1305 mm
26,5 x 14.00-12**	grass	1420 mm

\*) Bigger wheels will increase total machine height by 13 mm

\*\*\*) Requires 40 mm spacers on the wheel hubs

MODEL	AVANT 645i	AVANT 650i
Length	2610 mm	2610 mm
Width (standard wheels)	1290 mm	1290 mm
Height	2060 mm	2060 mm
Weight	1620 kg	1630 kg
Standard wheels	26x12.00-12"Grass / TR	26x12.00-12"Grass / TR
Transmission, drive	Hydrostatic Avant Optidrive®	Hydrostatic Avant Optidrive®
Pulling force, max.	1400 kp	1400 kp
Drive speed, max.		
26x12.00-12" STD wheels	12 km/h	23 km/h
320/55-15" wheels	13 km/h	25 km/h
Auxiliary hydraulics oil flow / pressure	75 l/min 200 bar	75 l/min 200 bar
Turning radius inside/outside	940 / 2250 mm	940 / 2250 mm
Lift height, max.	2835 mm	2835 mm
Tipping load	1190 kg	1190 kg
Max. breakout force / 50 cm	1250 kg	1250 kg
Engine make and type	Kubota V1505-CR-TE5 Stage V, 4-cyl.	Kubota V1505-CR-TE5 Stage V, 4-cyl.
Engine output (ECE R120)	33 kW (44 hp)	33 kW (44 hp)
Maximum torque	118 Nm @ 2000 rpm	118 Nm @ 2000 rpm
Fuel	Diesel	Diesel
Product no:	M645	M650