

# AVANT<sup>®</sup> 600i



## Perfect combination of power and maneuverability

- ✓ Perfect for small job sites with limited or narrow accesses
- ✓ Easy to transport with car trailer
- ✓ Optidrive<sup>®</sup> drive circuit gives more power for the drive and hydraulic attachments

Avant 600i series is the real all-rounder in the range. It combines power, lift capacity and professional hydraulics which are in a very compact package. This makes 600i series a very popular machine for many professionals in landscaping, groundcare, construction, farming, horse stables and many other customers. The max. 1,1-tonne lift capacity is just perfect for a multitude of jobs and the powerful auxiliary hydraulics runs almost all Avant attachments. The customers also like the easy transporting of 600i series. Thanks to the compact dimensions it is possible to fit both the loader and the attachments on the trailer, and inside the van if necessary.

600i series customers also benefit from Avant's telescopic boom, which is a standard feature. Lift height and outreach are excellent for a machine of this size and they can be steplessly adjusted with the teleboom. This guarantees very fast and ergonomical load handling.

The great Avant stability is present in 600i series as well, and the excellent visibility to the attachment and work area is valued by all operators. Avant's 4x4 hydrostatic drive system gives best possible traction in all situations.

The comprehensive range of options are available for 600i series also, including all cab options. From over 200 attachments specially designed for Avant loaders the customers can choose the best package for any use.



**2610 mm**



**1570 kg -  
1630 kg**



**2835 mm**



**1190 kg**



**19-33 kW /  
26-44 hp  
diesel**



**0 - 23 km/h**

# specifications



## Height with cab

Wheel size	26x12.00-12	320-55/15
	320/60-12*	
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 635i	AVANT 640i	AVANT 645i	AVANT 650i
Length	2610 mm	2610 mm	2610 mm	2610 mm
Width (with standard wheels)	1290 mm	1290 mm	1290 mm	1290 mm
Height (with standard wheels)	2060 mm	2060 mm	2060 mm	2060 mm
Weight	1570 kg	1580 kg	1620 kg	1620 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	1400 kp	1400 kp
Drive speed	0 - 12 km/h	0 - 23 km/h	0 - 12 km/h	0 - 23 km/h
Auxiliary hydraulics	66 l/min 200 bar	66 l/min 200 bar	75 l/min 200 bar	75 l/min 200 bar
Turning radius inside/outside	940 / 2250 mm	940 / 2250 mm	940 / 2250 mm	940 / 2250 mm
Lifting height to pivot point	2835 mm	2835 mm	2835 mm	2835 mm
Max. tipping load	1190 kg	1190 kg	1190 kg	1190 kg
Max. breakout force / 50 cm	1250 kg	1250 kg	1250 kg	1250 kg
Engine make and type	Kohler KSD 1403NA Stage V, 3-cyl.		Kubota V1505-CR-TE5 Stage V, 4-cyl.	
Engine output (ECE R120)	19 kW (26 hp)		33 kW (44 hp)	
Maximum torque	90 Nm @ 1800 rpm		117 Nm @ 2000 rpm	
Fuel	diesel		diesel	