

# AVANT<sup>®</sup> 500



## Excellent choice with robust and simple hydraulics

- ✓ Simple, effective hydraulics means good power and low operating costs
- ✓ Easy to transport with car trailer
- ✓ Optidrive<sup>®</sup> drive circuit gives more power for the drive and hydraulic attachments

500 series is in the middle of Avant loader range in terms of size and performance. 500 series loaders are well suited for a wide range of customer segments thanks to their power and straight forward hydraulics which is needed in many jobs. The compact dimensions and good maneuverability allow working in a large variety of environments. 500 series can also lift amazingly heavy loads compared to the size of the machine.

500 series is a reliable partner for all-round use. Like all Avants, it can be equipped following customer needs, including all cab options (L, GT). The comprehensive Avant attachment range guarantees efficient working all year round.

All articulated Avant loaders are equipped with a hydrostatic drive system. There is a hydraulic drive motor on each wheel. The drive circuit is equipped with valves with which traction can be controlled in different situations. In order to avoid tyre marks on soft and sensitive surfaces when turning, the system allows the wheels on the left and right sides of the loader to roll at different speeds. This also reduces tyre wear on hard surfaces.

Avant attachments have been designed to work as an equal partner on Avant loaders. The best machine-attachment combination and work efficiency can only be achieved when a good machine is fitted with attachments that are specifically designed for the machine. The dimensions, auxiliary hydraulics output and other features of Avant are in perfect balance with the attachments.



**2450 mm –  
2610 mm**



**1370 kg –  
1460 kg**



**2790 mm**



**800 kg –  
950 kg**



**16-19 kW /  
22-26 hp  
diesel**



**0 – 19 km/h**

# specifications



## Height with cab

Wheel size	26x12.00-12	27x8.50-15
	320/60-12*	
Cab L	2035 mm	2048 mm
Cab GT (530,528)	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
26,5 x 14.00 - 12**	grass	1420 mm

\*) Bigger wheels will increase total machine height by 20-35 mm

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

Model	AVANT 523	AVANT 528	AVANT 530
Length	2450 mm	2610 mm	2610 mm
Width (with standard wheels)	1130 mm	1130 mm	1130 mm
Height (with standard wheels)	1985 mm	1985 mm	1985 mm
Weight	1370 kg	1420 kg	1460 kg
Standard wheels	23x10.50-12"grass/TR	23x10.50-12"grass/TR	23x10.50-12"grass/TR
Transmission, drive	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®	hydrostatic Avant Optidrive®
Pulling force	900 kp	950 kp	1050 kp
Drive speed	0 - 12 km/h	0 - 12 km/h	0 - 19 km/h
Auxiliary hydraulics oil flow / pressure	34 l/min 185 bar	36 l/min 200 bar	36 l/min 200 bar
Hydraulic oil cooler	Standard	Standard	Standard
Turning radius inside/outside	995 / 2050 mm	995 / 2050 mm	995 / 2050 mm
Max. lifting height	2790 mm	2790 mm	2790 mm
Tipping load	800 kg	950 kg	950 kg
Max. breakout force / 50 cm	1100 kg	1250 kg	1250 kg
Engine make and type	Kubota D902 Stage V	Kubota D1105 Stage V	Kubota D1105 Stage V
Engine output (ECE R120)	16 kW (22 hp)	19 kW (26 hp)	19 kW (26 hp)
Maximum torque	56 Nm @ 2600 rpm	72 Nm @ 2200 rpm	72 Nm @ 2200 rpm
Fuel	Diesel	Diesel	Diesel