

# 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™ 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.



**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

\* Bigger wheels will increase total machine height by 0.8-1.4 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 standard wheels)	44.5 in	44.9 in	44.9 in
Height (with standard wheels)	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 Avant Optidrive™	hydrostatic Avant Optidrive™	hydrostatic Avant Optidrive™
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 at 20 in	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