

AVANT[®] R SERIES

Articulated loader with driver's seat in the rear chassis

- ✓ Driver's seat in the rear chassis
- ✓ Easier to turn in narrow corridors and doorways
- ✓ Optidrive™ drive circuit gives more power for the drive and hydraulic attachments

The Avant R series is different from the traditional Avant design in terms of steering: in the R series, the operator sits in the rear chassis on top of the engine, whereas in the other articulated Avant models the operator sits in the front chassis.

Except for the steering system, the R series is as close to other Avant models as possible and its design is based on the following machines:

- R28 = Avant 528
- R35 = Avant 635

High lift capacity, rigid articulation joint, telescopic loader boom and compact dimensions are common features between the R series and other Avant model series. The advantages of the R series steering system are best shown when driving along narrow corridors and in tight situations indoors. Even though the turning circle of the R series is practically the same as with other Avants, it is easier to turn with the R series in very tight situations, because the driver's seat doesn't extend beyond the turning radius of the wheels when turning.

Avant's hydraulic multi connector system for coupling the attachment's hydraulic hoses guarantees easy and effortless connecting and detaching in any situation with a single hand movement. It can be done with the engine running and/or pressure in the attachment, also in freezing ambient temperatures. The mechanism is leak-free and cannot be connected in the wrong way.



2570 mm



**1390 kg –
1460 kg**



**2790 mm –
2820 mm**



**900 kg –
1050 kg**



**19–28 kW /
26–37,5 hp
diesel**



0 – 14 km/h

specifications



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

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

Model	R28	R35
Length	2570 mm	2570 mm
Width (with std tyres)	1130 mm	1290 mm
Height	2130 mm	2160 mm
Weight	1390 kg	1460 kg
Std tyre size	23x10,50-12"	26x12,00-12"
Drive transmission	hydrostatic Avant Optidrive™	hydrostatic Avant Optidrive™
Pushing power	950 kp	1100 kp
Drive speed	0 - 12 km/h	0 - 14 km/h
Auxiliary hydraulics	36 l/min 200 bar	66 l/min 200 bar
Hydraulic oil cooler	Standard	Standard
Turning radius inside/outside	995 / 2135 mm	898 / 2205 mm
Lifting height	2790 mm	2820 mm
Tipping load	900 kg	1050 kg
Max bucket break out force / 50 cm	1100 kg	1250 kg
Engine make and type	Kubota D1105, 3-cyl.	Kubota V1505, 4-cyl.
Engine output (ECE R120)	19 kW (26 hp)	28 kW (37,5 hp)
Maximum torque	72 Nm @ 2200 rpm	97 Nm @ 2200 rpm
Fuel	Diesel	Diesel