



The full electric battery powered Avant

- ✓ Battery-driven, 100% full electric
- ✓ No exhaust emissions, very low noise, built-in battery charger
- ✓ Optidrive™ drive circuit gives more power for the drive and hydraulic attachments

The full electric Avant is especially suitable for indoor use where ventilation is limited or non-existent and there are strict noise restrictions.

Avant was the first manufacturer to introduce a full-electric, battery-powered compact loader series to the market. Full electric loader with zero emission and extremely low noise is the answer to future demands and the e series offers also the same comfort and properties as the Avant 500 series which is equipped with a diesel engine.

Avant e5 is equipped with a maintenance-free Absorbent Glass Mat (AGM) battery. AGM battery is a lead-acid battery where the electrolyte is held in glass mats – very thin glass fibers are woven into a mat which increases surface area enough to hold sufficient electrolytes on the cells for their lifetime. Avant e5 have an integrated battery charger as standard, which makes it possible to charge batteries anywhere a power outlet is available.

The running costs for e5 are significantly lower than any diesel-powered loader due to the lack of a combustion engine. One of the advantages of battery-powered machines is more simple maintenance. The batteries and electric motors are practically maintenance free, which means clearly lower maintenance costs for electric loaders.



2570 mm



1640 kg



2790 mm



900 kg



13,6 kWh



0 – 10 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
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 e5
Length	2570 mm
Width (with 23x10.50-12 wheels)	1130 mm
Height (with 23x10.50-12 wheels)	1985 mm
Weight	1640 kg
Standard wheels	23x10.50-12" TR
Transmission, drive	hydrostatic Avant Optidrive™
Drive speed	0 - 10 km/h
Auxiliary hydraulics oil flow / pressure	30 l/min
Hydraulic oil cooler	Standard
Turning radius inside/outside	995 / 2050 mm
Max. lifting height	2790 mm
Max. lifting capacity (hydr.)	1350 kg
Tipping load *)	900 kg
Max. breakout force / 50 cm	1100 kg
Battery type	AGM (Absorbent Glass Mat)
Battery capacity	13,6 kWh
Fuel	Electric