

GENERAL CONFIGURATION

Axle type	6x2-4 (axles 1 and 3 - active steered; axle 2 – electric drive axle)
Available wheel basis	3600 mm
Seat configuration	2 crew plus 1 driver, or 3 crew plus 1 driver
Cabin entry height	400 mm, fully flat cabin floor, 1 step at the driver's operation place
Width of the cabin	2550 mm
Cabin doors	Passenger and driver side, sliding door opening only 80mm outside of the vehicle
Internal standing height in the cabin	2000 mm
Front axle	ZF RL82EC / 8000 kg
Drive axle	ZF AVE130 / 11500 kg
Rear steer axle	ZF RL82EC / 7500 kg
Spread of rear bogey	1500 mm between drive and tag axles
Frame material	DIN 1.4003 Stainless steel with anti-corrosion coating
Frame height	980 mm @ 295/80R22,5 wheels
Brake mechanisms	Ventilated Discs on all axles
Suspension	Air suspension on all axles
Tires	295 / 80 R 22.5
Cabin Ventilation	Roof hatch with electric control, sliding windows in both doors, electric fan for air circulation
Cabin heating	Water heaters using excess heat of the cooling system in combination with front air electric heater

WEIGHTS AND PERFORMANCE

Gross vehicle weight	27000 kg
Curb weight of the chassis (w/o compactor)	9920 kg
Maximum speed	80 km/h
Maximum gradeability	14% @ GVW
Turning radius	7,4 m @ 3600mm wheel base
Total power of traction motors	120 kW nominal, 250 kW (340hp) for 10 minutes
Total capacity	220 or 245 kWh, shared between driveline and E-PTO
Battery Technology	LiFePO ₄
Battery Voltage	614 V DC (560...710 V DC)
Battery Lifetime	> (plus) 2000 full charging cycles
Battery charger	Integrated 40 KW charger with charging connector at drivers side.
Charging Time	6 hours @ 40 kW charger
AC Installation Requirements	3x400V AC 50 Hz, standard 5 pole 63A CEE-plug and 63 Amp Group with RCD
Body builder Interface	CAN 2B, or analog interface. Prepared for EN1501-1 pre 2018/12
Hydraulic pump interface to Power Take- Off	DIN 5462 (DIN ISO 14) for direct mount of the body builders hydraulic pump
Power Take Off Performance	30 kW nominal, up to 60kW peak power @ 1500 rpm on the pump shaft
Operating conditions	-20 to +45 degrees Celsius (above +35 degrees Celsius power derating possible)
External nose Level	< 72 dBa at 7 meters
Noise level in the cabin	< 65 dBa