

TECHNICAL DATA

Lifting data Lift capacity at loadcenter L1 / maximum height Lift capacity at loadcenter L2 / maximum height Lift speed, unloaded / 40 % load / at rated load Lowering speed, unloaded / at rated load	kg kg m/s m/s	41000 / 41000 27000 / 27000 0,38 / 0,35 / 0,23 0,35 / 0,40
Speeds Speed forward, unloaded / at rated load Speed reverse, unloaded / at rated load Incline, driving ability / at rated load at 0 km h / 2 km h Towing ability at rated load at 0 km h / 2 km h	km/h km/h % kN	25 / 22,5 25 / 22,5 25 / 20 300 / 246
Weight Service weight Axle pressure front at loadcenter L1, unloaded / at rated load Axle pressure front at loadcenter L2, unloaded / at rated load Axle pressure rear at loadcenter L1, unloaded / at rated load Axle pressure rear at loadcenter L2, unloaded / at rated load Axle load in driving position, front / rear	kg kg kg kg kg kg	68500 37500 / 96500 42000 / 88600 31000 / 13000 26500 / 6900 88100 / 21400
Engine (electronically controlled) Make, type designation (*EU Stage II certified) Fuel / type of engine Power ISO 3046 / at speed Torque ISO 3046 / at speed Displacement / no. of cylinders Alternator, type / power Starting battery, voltage / capacity Fuel consumption, normal driving	kW(hp) / rpm Nm / rpm W / Amp V / Ah L / h	*Scania DI-12-54A Diesel/ 4 -stroke 243 (330) / 2100 1589 / 1400 12,0 / 6 AC / 1820 / 65 2 x 12 / 140 15 - 18
*EU stage III requires Scania DC 12 58 A (257kW,350 hp@2100 rpm - 1544/1200 Nm/rpm)		
Transmission with electronic controlled gear shift Gearbox, make / type designation Clutch, type Gearbox, type No. of gears, forward / reverse Drive axle, type		Dana / TE-27000 Torque converter Powershift 4 / 4 Kessler D102
Wheels No. of wheels, front / rear Wheel dimensions, front / rear / ply Pressure, front and rear	In / No Mpa	4 / 2 18.00 x 25" / PR 36 1,0
Steering and brake system Steering system Driving brake system, type / affected wheels Parking brake system, type / affected wheels		Servo assisted Wet disc brakes / Drive axle Spring brake / Drive axle
Volumes Fuel, net Hydraulic system	L L	650 850
Overload protection Hydraulic oil pressure monitoring, machinery / attachment Noise level DIN 45635 (LM inside cab)	Mpa dB (A)	Electronic system 24 / 15 68

