



TECHNICAL DATA



FORWARDER F10^B



ENGINE

Type	JD 4045 HF 485 Power Tech Plus Tier 3
Output at 1800 rpm	116 kW (155 hp)
Torque at 1400 rpm	645 Nm (476 lb ft)
Cylinder volume	4.5 litres (274 in ³)
Diesel tank	125 litres (33 US gal)

TRANSMISSION

Type	D5 controlled, hydrostatic/mechanical with full capacity control. 3 gear steps.
Tractive force	139 kN (31 250 lbf)
Speed, gear 1	0 - 6 km/h (0 - 3.7 mph)
Speed, gear 2	0 - 10.4 km/h (0 - 6.5 mph)
Speed, gear 3	0 - 25 km/h (0-15.5 mph)

BRAKES

Type	Dual-circuit el/hydraulic controlled negative wet disc brakes. Automatic load brake. Spring-assisted parking and emergency brake.
------	---

WHEEL EQUIPMENT

8 WD	600/50 x 22.5* 710/40 x 22.5**
------	-----------------------------------

CHASSIS

Type	Articulated joint with slew bearing and frame lock. Bolted load bunks of tube type.
Steering angle	+/- 43°
Max. steering torque	48 kNm (35 400 lb ft)
Horizontal angle	+/- 25°

HYDRAULIC SYSTEM

Type	Load-sensing system, entirely separated from the transmission.
Pump capacity	165 litres (43.5 US gal) / 1500 rpm

Working pressure	3 - 24 MPa (440 -3480 psi)
Degree of filtration	10 micron
Tank capacity	90 litres (24 US gal)

ELECTRICAL SYSTEM

Type	24 volt electrical system with CAN-bus technology.
Battery	2 x 120 AH
Alternator	110 A
Machine control system	ROTTNE D5, with a 9" colour touch screen
Working lights	21 pcs

CAB

Type	Spacious, vibration-proof safety cab. ISO certified
Noise level	69 dBA
Climate system	ACC

LOADER

Type	Knuckle boom loader RK85 with dual slew cylinders and telescope
Lifting torque	2.1 m / double telescope.
Torque	86.7 kNm (63 950 lb ft)
Angle of rotation	27.1 kNm (19 920 lb ft)
Reach	380°
	7.5 / 9.3 m (24.6 / 30.5 ft)

WEIGHT AND DIMENSIONS

Service weight from	12 850 (28 300 lbs)
Width	2 530 mm* (99 in) 2 729 mm** (107 in)
Length	8 711 mm (343 in)
Transportation height	3 687 mm (145 in)
Ground clearance (at articulated frame lock)	600 mm (24 in)
Loading capacity	9 000 kg (19 850 lbs)
Loading area	4 m ² (43 ft ²)

Specifications and equipment are subject to alteration.
Images do not always show the machine in its standard design.



