



TECHNICAL DATA



FORWARDER F18^D



ENGINE

Type	JD 6090 HFC 09 Power Tech PSS, Final Tier 4 (FT4)
Output at 1700 rpm	207 kW (278 hp)
Torque at 1500 rpm	1232 Nm (908 lb ft)
Cylinder volume	9.0 litres (549 in ³)
Diesel tank	210 litres (56 US gal)

TRANSMISSION

Type	D5 controlled, hydrostatic/mechanical with full capacity control. Automatic gearbox.
Tractive force	260 kN (58 450 lbs)
Speed, gear 1	0 - 6 km/h (0 - 3.7 mph)
Speed, gear 2	0 - 12 km/h (0 - 7.5 mph)
Speed, gear 3	0 - 20 km/h (0 - 12.4 mph)

BRAKES

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

8 WD	750/55 x 26.5* 710/50 x 30.5**
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CHASSIS

Type	Articulated joint with slew bearing and frame lock. Bolted welded load bunks.
Steering angle	+/- 43°
Max. steering torque	93.5 kNm (68 960 lb ft)
Horizontal angle	+/- 22°

HYDRAULIC SYSTEM

Type	Load-sensing system, entirely separated from the transmission.
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Pump capacity	270 litre (71 US gal) / 1500 rpm
Working pressure	3 - 22 MPa (440 - 3200 psi)
Degree of filtration	10 micron
Tank capacity	130 litres (34 US gal)

ELECTRICAL SYSTEM

Type	24 volt electrical system with CAN-bus technology.
Battery	2 x 145 Ah
Alternator	150 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

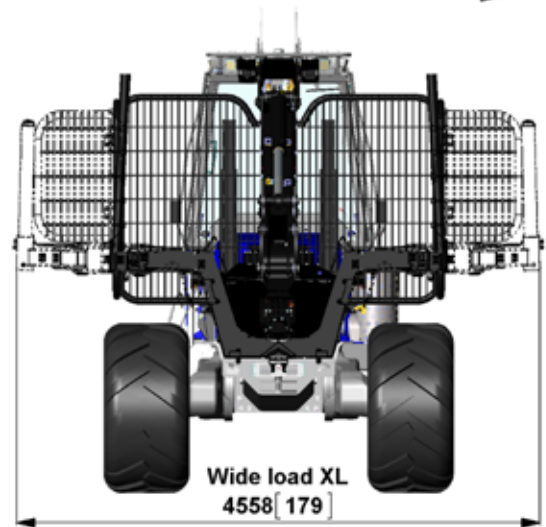
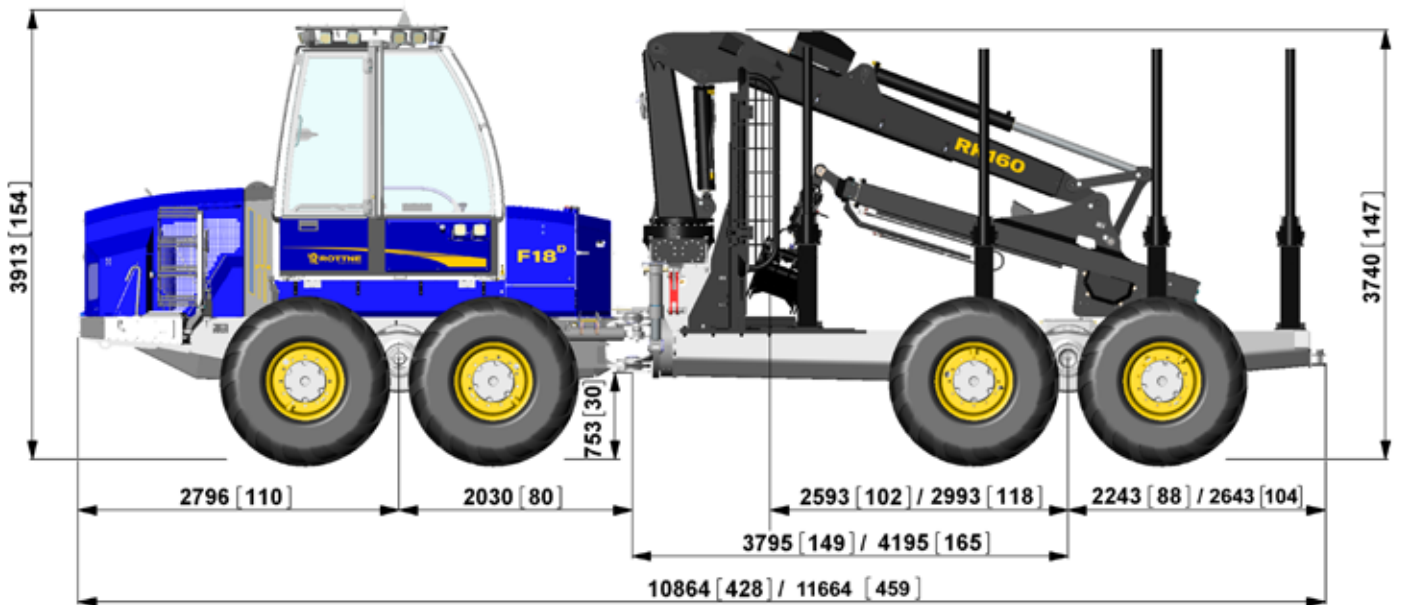
Type	Knuckle boom loader RK160 with dual slew cylinders and telescope 2.2 m / double telescope.
Lifting torque	156 kNm (115 100 lb ft)
Torque	45 kNm (33 200 lb ft)
Angle of rotation	370°
Reach	8.5 / 10 m (28 / 33 ft)

WEIGHT AND DIMENSIONS

Service weight from	22 900 kg (50 490 lbs)
Width	3 050 mm*, 3 000 mm** (120 in*, 118 in**)
Length from	10 864 mm (428 in)
Transportation height	3 913 mm (154 in)
Ground clearance	
(at articulated frame lock)	753 mm (30 in)
Loading capacity	18 000 kg (39 700 lbs)
Loading area	4.8 - 8.4 m ² (52-90 ft ²)

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





EQUIPMENT

Lighting Xenon or LED, Sprinklers, Engine/cab heater, Blinds, Cab damping system COMFORT LINE, Mobile telephone, Vacuum pump, Reversing camera, GPS/GeoInfo, Filler pumps, Green oil, Colour printer, Balanced bogie system, Forwarder computer, Dozer blade, Double telescope, Central lubrication, Extra load bunk, Load bunks "Wide Load", Load bunks "Wide Load XL, Extended wagon frame, Tracks, Chains.

Contact your local dealer for more information. www.rottne.com

