



TECHNICAL DATA



FORWARDER F13^D



ENGINE

Type	JD 6068 HFC 08 Power Tech PVS, Final Tier 4 (FT4)
Output at 1800 rpm	164 kW (220 hp)
Torque at 1500 rpm	963 Nm (710 lb ft)
Cylinder volume	6.8 litres (415 in ³)
Diesel tank	165 litres (44 US gal)

TRANSMISSION

Type	D5 controlled, hydrostatic/mechanical with full capacity control. 3 gear steps.
Tractive force	177 kN (39 800 lbf)
Speed, gear 1	0 - 5 km/h (0 - 3.1 mph)
Speed, gear 2	0 - 9.5 km/h (0 - 5.9 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.
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WHEEL EQUIPMENT

8 WD	710/45 x 26.5
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CHASSIS

Type	Articulated joint with slew bearing and frame lock. Bolted welded load bunks. Wagon steering.
Steering angle	+/- 43°/ 54° (with wagon steering)
Max. steering torque	74.9 kNm (55 240 lb ft)
Horizontal angle	+/- 20°

HYDRAULIC SYSTEM

Type	Load-sensing system, entirely separated from the transmission.
Pump capacity	210 litres (55 US gal)/1500 rpm

Working pressure	3-22 MPa (435-3200 psi)
Degree of filtration	10 micron
Tank capacity	105 litres (28 US gal)

ELECTRICAL SYSTEM

Type	24 volt electrical system with CAN-bus technology.
Battery	2 x 120 AH
Alternator	150 A
Machine control system	ROTTNE D5, with a 9" colour touch screen
Working lights	20 pcs

CAB

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

LOADER

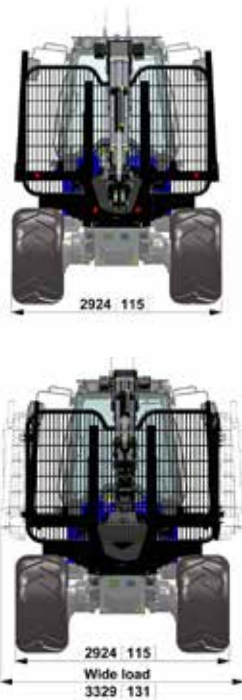
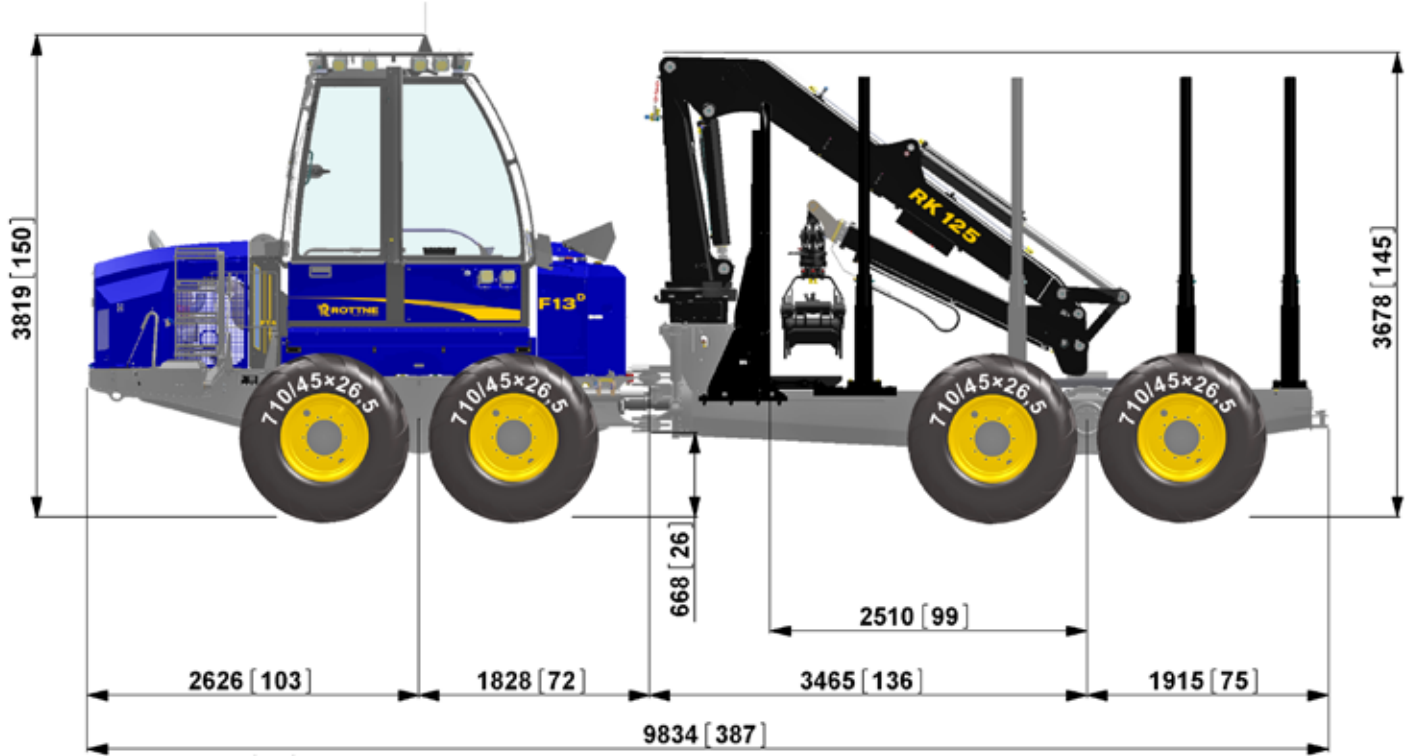
Type	Knuckle boom loader RK125 with dual slew cylinders and telescope 1.4 m / 2.4 m / double telescope.
Lifting torque	125 kNm (92 200 lb ft)
Torque	35.8 kNm (26 400 lb ft)
Angle of rotation	375°
Reach	7.2 / 8.4 / 10 m (23.5 / 27.5 / 33 ft)

WEIGHT AND DIMENSIONS

Service weight from	19 700 kg (43 400 lbs)
Width	2 924 mm (115 in)
Length	9 833 mm (387 in)
Transportation height	3 864 mm (152 in)
Ground clearance (at articulated frame lock)	668 mm (26 in)
Loading capacity	13 000 kg (28 700 lbs)
Loading area	4.7 - 5.5 m ² (50 - 59 ft ²)

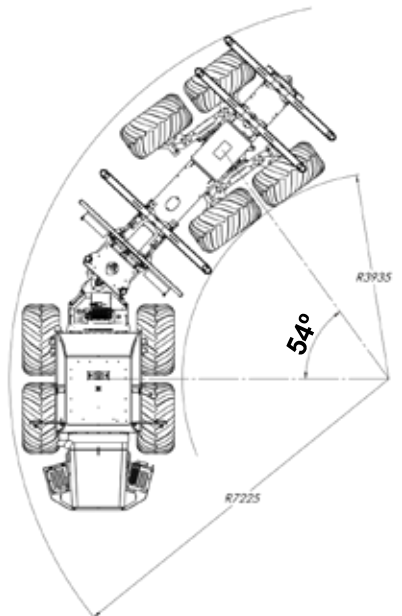
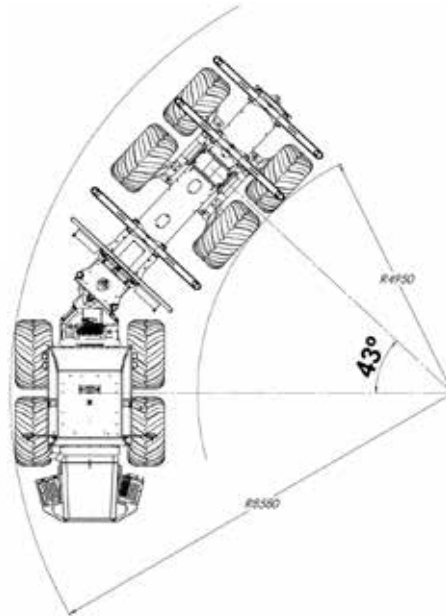
Specifications and equipment are subject to alteration.
Images do not always show the machine in its standard design.





STANDARD WAGON

ARTICULATED WAGON



EQUIPMENT

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

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

