



TECHNICAL DATA



HARVESTER H14^C



ENGINE

Type	JD 6068 HFC 94 Power Tech PVX, Tier 3B (IT4), (US market Tier 3)
Output at 2000 rpm	187 kW (251 hp)
Torque at 1500 rpm	1025 Nm (756 lb ft)
Cylinder volume	6.8 litres (415 in ³)
Diesel tank	460 litres (121 US gal)

TRANSMISSION

Type	D5 controlled, hydrostatic/mechanical with full capacity control. 3 gear steps. Manual differential locks.
Tractive force	168 kN (37 770 lbf)
Speed, gear 1	0 - 5 km/h (0-3.1 mph)
Speed, gear 2	0 - 9 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

6 WD, front	710/45 x 26,5
6 WD, rear	710/55 x 34

CHASSIS

Type	Articulated frame
Steering angle	+/- 43°
Max. steering torque	61,3 kNm (45 210 lb ft)
Horizontal angle	+/- 25°

HYDRAULIC SYSTEM

Type	Load-sensing system, entirely separated from the transmission.
Pump capacity	323 litres (85 US gal)/1700 rpm
Working pressure	3.0 - 25.0 MPa (435-3625 psi)

Degree of filtration	10 micron
Tank volume	200 litres (53 US gal)

ELECTRICAL SYSTEM

Type	24 volt electrical system with CAN-bus technology.
Battery	2 x 145 Ah
Alternator	100 A
Machine control system	ROTTNE D5
Bucking system	ROTTNE Forester
Display	15" touch screen for both D5 and Forester
Working lights	20 pcs

CAB

Type	Spacious, vibration-proof safety cab. ISO certified.
Noise level	65 dBA
Swivels	+/- 90°
Tiltable	15°, 14°, +/-11° (front, back, side)
Climate system	ACC

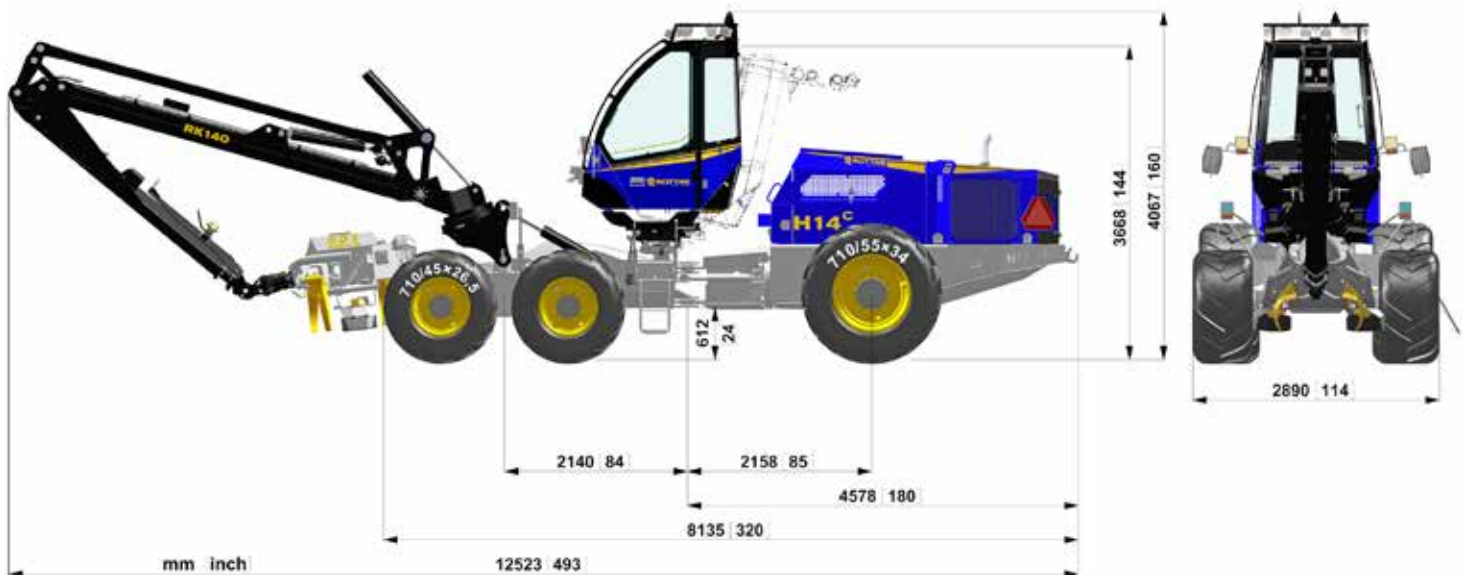
LOADER

Type	Parallel knuckle boom loader RK140, tilting loader base and 2 m / 3.2 m telescope.
Tiltangle forwards	20°
Tiltangle backwards	14°
Lifting torque	202 kNm (149 000 lb ft)
Torque	44 kNm (32 450 lb ft)
Angle of rotation	260°
Reach	10.3 m alt 12.0 m (34 ft / 39 ft)

WEIGHT AND DIMENSIONS

Service weight from	18 800 kg (41 450 lbs)
Width	2 890 mm (114 in)
Length	8 135 mm (320 in)
Transportation height	3 668 mm (144 in)
Ground clearance (at articulated frame lock)	612 mm (24 in)

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



EQUIPMENT

Telescope 2,0 / 3,2 meter (6,5 / 10,5 ft), Lighting Xenon or LED, Sprinklers, Engine/cab heater, Blinds, Cab damping, Mobile telephone, Vacuum pump, Colour marking, Reversing camera, GPS/GeoInfo, Filler pumps, Green oil, Computer caliper, Colour printer, Balanced bogie system, Orbitrol steering, Air compressor, Full toolkit, Central lubrication, Equipment for stump spray application, Multi-tree equipment (SP 461 and SP 561), Tracks, Chains

HARVESTER HEAD

Feed rollers
Feed rate
Tractive force
Wheel opening
Limbing diameter
Guide bar
Cutting diameter
Chain speed
Tilt angle
Width wheels closed
Width wheels opened
Height
Weight
Max tree size dbh*

EGS596

ROTTNE / Moipu
0 - 5.1 m/s (17 ft/sec)
25 kN (5620 lbf)
640 mm (25 in)
50 - 413 mm (2 - 17 in)
750/820 mm (29.5/32 in)
630/720 mm (25/28 in)
40 - 45 m/s (130 - 148 ft/sec)
136°
1 400 mm (55 in)
1 550 mm (61 in)
1 516 mm (60 in)
1 155 kg (2550 lbs)
50 cm (20 in)

SP461 LF

Finnskogsvalsar / Moipu
0 - 5 m/s (0 - 16,4 ft/sec)
20 kN (4500 lbf)
420 mm (17 in)
30 - 350 mm (1 - 14 in)
590 mm (23 in)
530 mm (21 in)
40 - 45 m/s (130 - 148 ft/sec)
135°
850 mm (33 in)
1 130 mm (45 in)
1 230 mm (48 in)
680 kg (1500 lbs)
35 cm (14 in)

SP561 LF

Finnskogsvalsar / Moipu
0 - 6 m/s (0 - 19.5 ft/sec)
25 kN (5620 lbf)
500 mm (20 in)
30 - 430 mm (1 - 17 in)
750 mm (29.5)
600 mm (24 in)
40 - 45 m/s (130 - 148 ft/sec)
136°
900 mm (35 in)
1 500 mm (59 in)
1 500 mm (59 in)
980 kg (2160 lbs)
43 cm (17 in)



EGS596



SP461 LF



SP561 LF

*) Diameter breast height

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

