



# TECHNICAL DATA



## HARVESTER H11<sup>c</sup> 8WD



### ENGINE

Type	JD 6068 HFC 94 Power Tech PVX, Tier 3B (IT4)
Output at 1800 rpm	164 kW (220 hp)
Torque at 1400 rpm	963 Nm (710 lb ft)
Cylinder volume	6.8 litres (415 in <sup>3</sup> )
Dieseltank	377 litres (100 US gal)

### TRANSMISSION

Type	D5 controlled, hydrostatic/mechanical with full capacity control. 3 gear steps. Manual differential locks.
Tractive force	167 kN (37 540 lbs)
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

8 WD	710/40 x 24,5
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### CHASSIS

Type	Articulated frame
Steering angle	+/- 43°
Max. steering torque	68.6 kNm (50 600 lb ft)
Horizontal angle	+/- 22°

### HYDRAULIC SYSTEM

Type	Load-sensing system, entirely separated from the transmission.
Pump capacity	289 litres (76 US gal) / 1700 rpm
Working pressure	3.0 - 25.0 Mpa (435 - 3625 psi)
Degree of filtration	10 micron
Tank volume	150 litres (40 US gal)

### ELECTRICAL SYSTEM

Type	24 volt electrical system with CAN-bus technology.
Battery	2 x 120 AH
Alterator	100 A
Machine control system	ROTTNE D5
Bucking system	ROTTNE Forester
Display	15" touch screen for both D5 and Forester
Working lights	18 pcs

### CAB

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

### LOADER

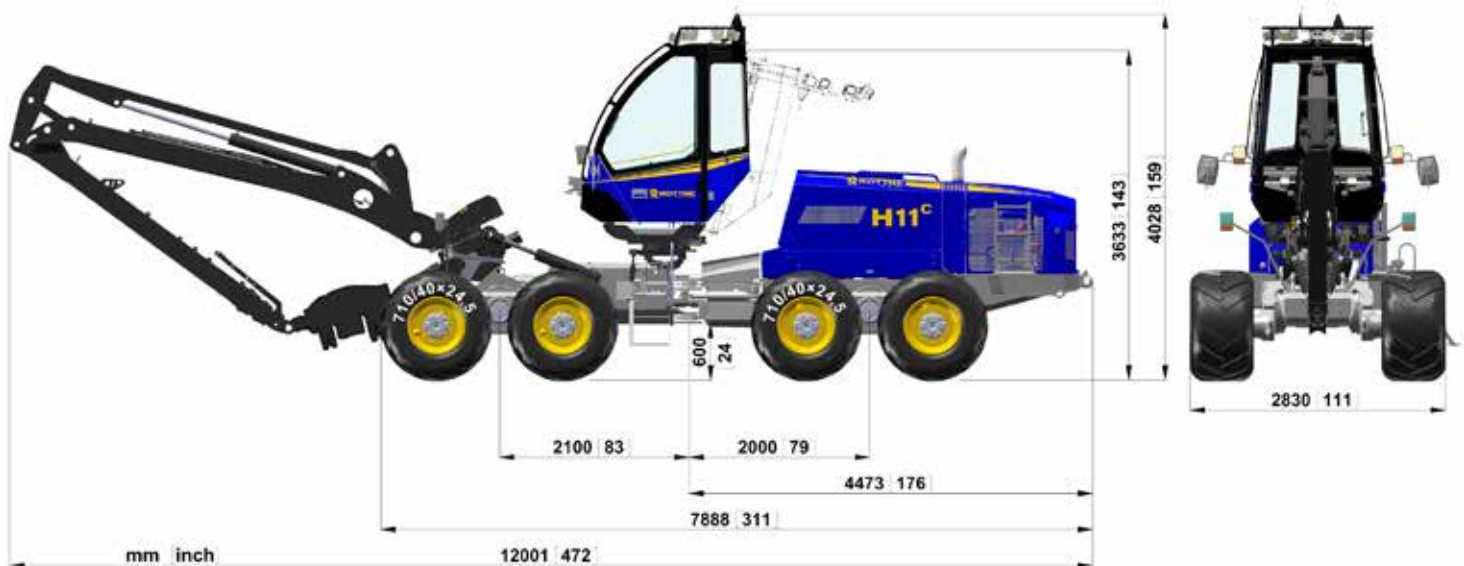
Type	Parallel knuckle boom loader RK185, tilting loader base and telescope. Double telescope as option.
Tiltangle forwards	25°
Tiltangle backwards	19°
Lifting torque	193 kNm (142 300 lb ft)
Torque	50.8 kNm (37 470 lb ft)
Angle of rotation	260°
Reach	10.3 m alt 11.3 m (34 ft / 37 ft)

### WEIGHT AND DIMENSIONS

Service weight from	18 900 kg (41 670 lbs)
Width	2830 mm (111 in)
Length	7 888 mm (311 in)
Transportation height	3 633 mm (143 in)
Ground clearance (at articulated frame lock)	600 mm (24 in)

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



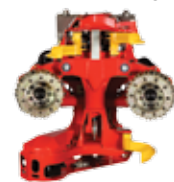


## EQUIPMENT

Lighting Xenon or LED, Sprinklers, Engine/cab heater, Blinds, Cab damping, Mobile telephone, Vacuum pump, Colour marking, Double telescope, Reversing camera, GPS/Geoinfo, Filler pumps, Green oil, Computer caliper, Colour printer, Balanced bogie system, Bogie lift, Orbitrol steering, Air compressor, Full toolkit, Central lubrication, Equipment for stump spray application, Multi-tree equipment, Tracks, Chains

## HARVESTER HEAD

	SP461 LF	SP561 LF
Feed rollers	Finnskogsvalsar / Moipu	Finnskogsvalsar / Moipu
Feed rate	0 - 5 m/s (0 - 16,4 ft/sec)	0 - 6 m/s (0 - 19,5 ft/sec)
Tractive force	20 kN (4500 lbf)	25 kN (5620 lbf)
Wheel opening	420 mm (17 in)	500 mm (20 in)
Opening, upper knives	450 mm (18 in)	515 mm (20 in)
Limbing diameter	30 - 350 mm (1 - 14 in)	30 - 430 mm (1 - 17 in)
Guide bar	590 mm (23 in)	750 mm (29.5 in)
Cutting diameter	530 mm (21 in)	600 mm (24 in)
Chain speed	40 - 45 m/s (130 - 148 ft/sec)	40 - 45 m/s (130 - 148 ft/sec)
Tilt angle	135°	136°
Width wheels closed	850 mm (33 in)	900 mm (35 in)
Width wheels opened	1 130 mm (45 in)	1 500 mm (59 in)
Height	1 230 mm (48 in)	1 500 mm (59 in)
Weight	680 kg (1500 lbs)	980 kg (2160 lbs)
Max tree size dbh *	35 cm (14 in)	43 cm (17 in)



SP461 LF



SP561 LF

\*) Diameter breast height

Contact your local dealer for more information. [www.rottne.com](http://www.rottne.com)

