



# TECHNICAL DATA



## HARVESTER H8<sup>B</sup>



### 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 (273 in <sup>3</sup> )
Diesel tank	260 litres (69 US gal)

### TRANSMISSION

Type	Fully hydrostatic with hydraulic wheel motors and 3 gear steps. Variable differential locks.
Tractive force	73 kN (16 400 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 - 24 km/h (0 - 15 mph)

### BRAKES

Type	Proportional electric with a foot pedal. Spring-assisted parking and emergency brake.
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### WHEEL EQUIPMENT

4 WD	500/60 x 26,5* 600/55 x 26,5**
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### CHASSIS

Type	Variable height level with wheel arms
Steering angle	+/- 43°
Max. steering torque	30 kNm (22 130 lb ft)

### HYDRAULIC SYSTEM

Type	Load-sensing system, entirely separated from the transmission.
Pump capacity	230 liter (61 US gal) / 1700 rpm
Working pressure	3.0 - 25.0 MPa (435-3625 psi)

Degree of filtration	10 micron
Tank volume	140 litres (37 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, ROTTNE Forester
Bucking system	15" touch screen for both D5 and Forester
Display	
Working lights	17 pcs

### CAB

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

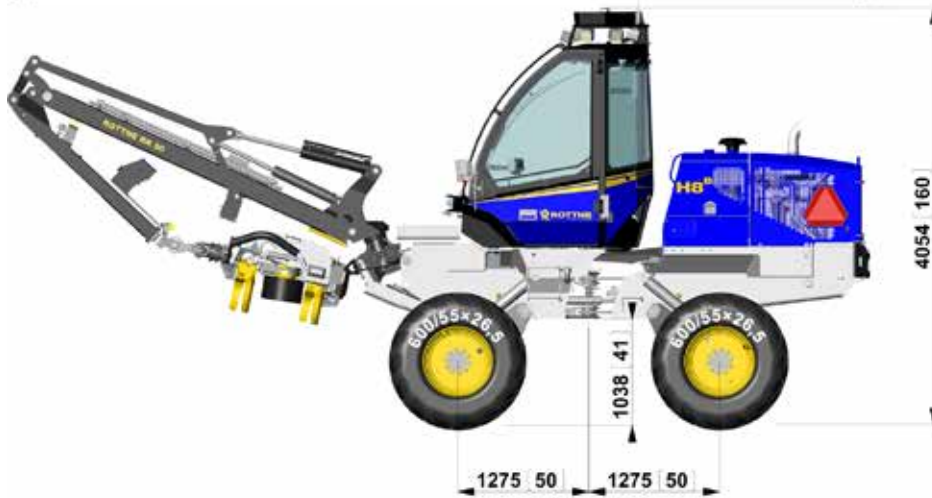
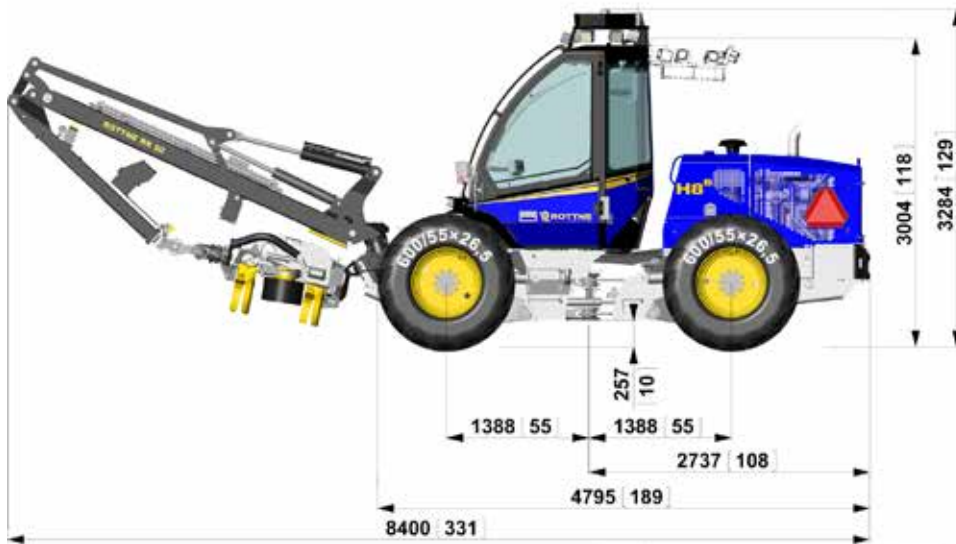
### LOADER

Type	Parallel knuckle boom loader, RK50, with tiltable swing base and 1.4 m (4.6 ft) telescope.
Tiltangle forwards	15°
Tiltangle backwards	20°
Lifting torque	80 kNm (59 000 lb ft)
Torque	17,3 kNm (12 760 lb ft)
Angle of rotation	230°
Reach	7 m (23 ft)

### WEIGHT AND DIMENSIONS

Service weight from	8 500 kg (18 740 lb)
Width	2 050 mm* (81 in), 2 201 mm**
Length	4 795 mm (189 in)
Transportation height	3 004 mm (118 in)
Ground clearance	
(at articulated frame lock)	257 - 1 038 mm (10 - 41 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, Mobile telephone, Vacuum pump, Colour marking, Reversing camera, GPS/GeoInfo, Filler pump, Green oil, Computer caliper, Colour printer, Orbitrol steering, Full toolkit, Central lubrication, Equipment for stump spray application, Multi-tree equipment, Chains

## HARVESTER HEAD

Feed rollers  
Feed rate  
Tractive force  
Wheel opening  
Opening, upper knives  
Opening, lower knives  
Limbing diameter  
Guide bar  
Cutting diameter  
Chain speed  
Tilt angle  
Width wheels closed  
Width wheels opened  
Depth  
Height  
Weight  
Max. tree size dbh\*

## EGS406

ROTTNE / Finnskogsvalsar / Moipu  
0 - 4 m/sek (0 - 13 ft/sec)  
14.3 kN (3215 lbf)  
385 mm (15 in)  
463 mm (18 in)  
516 mm (20 in)  
40 - 330 mm (2 - 13 in)  
590 mm (23 in)  
430 mm (17 in)  
40 m/sek (130 ft/sec)  
145°  
960 mm (38 in)  
1 145 mm (45 in)  
565 mm (22 in)  
1 260 mm (50 in)  
480 kg (1060 lbs)  
33 cm (13 in)



## EGS406

\*) Diameter breast height

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

