Forestcorte Máquinas

ROTTNE H21^{E}



Service weight:
24 200 kg (6WD) /
26 700 kg (8WD)
Lenght: 9,233 m
Width: 3 m
Height: 3,722 m

Engine

John Deere PowerTech PSS 6090 CI550, Stage V.

Fuel	Diesel
Fuel tank	500 liter
AdBlue-tank	20 liter
Engine output	Max. 227 kW, 305 Cv @1700 rpm
Engine torque	Max. 1351 Nm @1500 rpm
Cylinder volume	6 cyl. 9,0 liter with common rail injection system, serial turbo, of which one is variable

Hydrostatic transmission

Hydrostatic/mechanical with full capacity control. 3 gear steps. Manual differential locks.

Tractive force	230 kN
Gear 1	0 - 4 km/h
Gear 2	0 - 7,5 km/h
Gear 3	0 - 22 km/h

Brakes

2-circuit electrically/hydraulically operated negative wet disc brakes. Automatic load brake. Spring-assisted parking and emergency brake.

Crane

Parallel jib arm crane, RK310, with tiltable swing base and 2.2 m telescope

Tilt angle	21º (out) / 20º (in)
Lifting torque	325 kNm
Torque	65 kNm
Angle of rotation	250º
Reach	10 m

Wheel equipment

700/70 x R34 Nokian Forest Rider SB TL (back)
750/45 X 30,5 /20 SB T428 Trelleborg (front)

Hydraulic system

Load-sensing system with double pumps.

Pump capacity 1	175 cm^3 298 liter / 1700 rpm 3,0 – 25,0 MPa (working pressure)
Pump capacity 2	210 cm^3 357 liter / 1700 rpm (harvester head) 3,0 – 30,0 MPa
Tank volume	217 liter
Degree of filtration	10 µm

Cab

Spacious, vibration-proof safety cab, ISO certified

Noise level	65dBA
Climate system	ACC
Palettes	Can-guided palettes, joysticks with 5 digital buttons/stick

Electrical system

24 volt electrical system with CAN-bus technology

Battery capacity	2 x battery 145 + 145 Ah
Alternator	150 A
Bucking system	Rottne Forester
Display	15” touchscreen (LED)
Working lights	22 pcs

Chassi

Frame-steered, steering angle +/- 43º.

Max steering torque	106 kNm

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Extra equipment:

Engine:

- Engine and cab preheater
- Particle and moisture gauges for hydraulic oil
- Vacuum pump for the hydralic system
- Filling pump for diesel
- Orbitrol steering
- Lubrication system

Cab:

- Extra remote controls for door lock
- Sun visors
- Warming cupboard for food box
- Computer caliper
- Printer (colour)
- Stump treatment equipment
- Extra storage box

Exterior:

- 4 x LED working lights on the cab roof
- LED light bar foundation under cab
- Rear view camera, over tow hitch
- Exterior radiator protection
- 2 pcs 9 liter foam fire extinguisher with holder

Other:

- Balanced front bogie
- Balanced rear bogie

- 750/55 x 26,5 /24 F2 SF Nokian FK (8WD) W = 3130 mm
- 780/50 x 28,5 /24 F2 SF Nokian FK (8WD) W = 3160 mm
- 750/45 x 30,5 /20 SB T428 Trelleborg 8WD W = 3000 mm

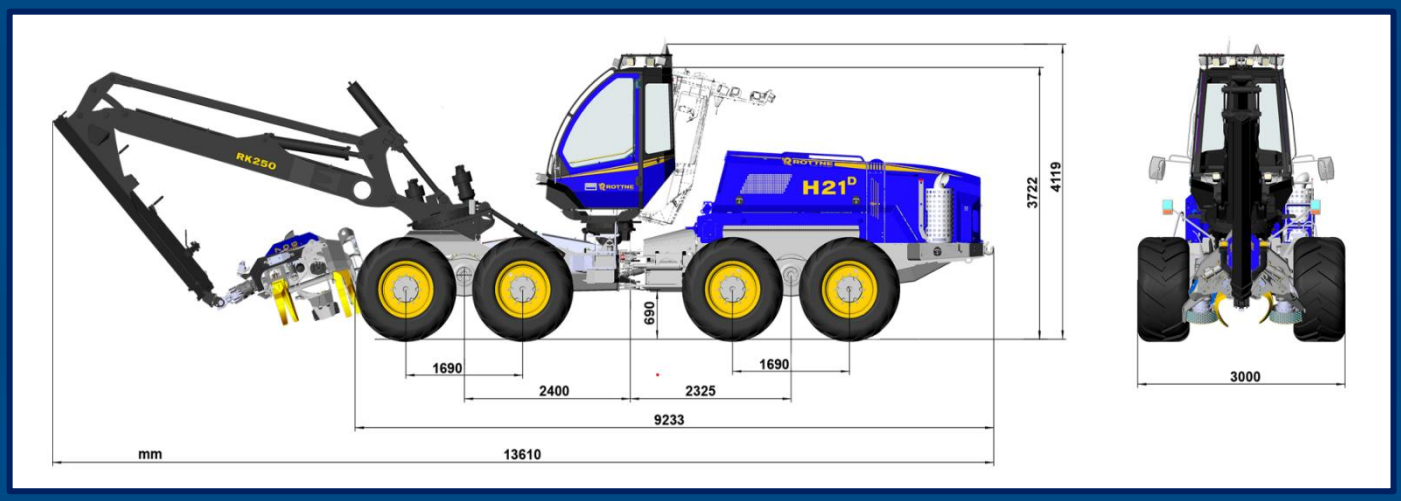
- Waterfilled tyres (front) Only 6WD!

- Plan damper single (Chair)
- Plan damper double (Chair)

- Geo-info software installed in the computer (excl. maps)
- Crane damping on the lifting arm

- Clear coat on the blue paintwork

- Compatible harvester heads: EGS706, EGS596, Log Max 6000V, Log Max 7000C, SP 661 LF, SP 761 LF



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