

H21^E



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Service weight from 24 200 kg
(6WD) / 26 700 kg (8WD)
Length 9 233 mm
Width 3 000 mm
Transportation height 3 722 mm
Ground clearance 690 mm

Engine

Type	JD PowerTech PSS 6090C I550, Stage V
Fuel	Diesel or HVO
Fuel tank	500 liter
AdBlue-tank	20 liter
Engine output	Max 227 kW, 305 hk Din @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

Type	Hydrostatic/mechanical with full capacity control. 3 gear steps. Manual differential locks
Tractive force	230 kN (51 700 lbs)
Speed	Gear 1: 0 - 4 km / h (0 - 2.5 mph) Gear 2: 0 - 7,5 km / h (0 - 4.7 mph) Gear 3: 0 - 22 km / h (0 - 13.7 mph)

Brakes

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

Type	Parallel jib arm crane, RK310, with tiltable swing base and 2.2 m (7.2 ft) telescope
Tilt angle	21° (in) / 20° (out)
Lifting torque	325 kNm (239 700 lb ft)
Torque	65 kNm (47 941 lb ft)
Angle of rotation	250°
Reach	10 m (33 ft)

Hydraulic system

Type	Load-sensing system with 2 pumps
Pump capacity 1	175 cm ³ 298 liter / 1700 rpm (Machine, crane) 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 my
Hydraulic oil	Rottne Biohydraul 32-68

Cab

Type	Spacious, vibration-proof safety cab, ISO certified
Noise level	63 dBA
Climate system	ACC
Palettes	Can-guided palettes, joysticks with 5 digital buttons/stick

Electrical system

Type	24 volt electrical system with CAN-bus technology
Battery capacity	2 x battery 145 + 145 Ah
Alternator	1 st. 150 A
Bucking system	Rottne Forester
Display	15" touchscreen (LED)
Working lights	22 pcs

Chassi

Type	Frame-steered
Steering angle	+/- 43°
Max steering torque	106 kNm
Horizontal angle	+/- 24°

Wheel equipment

700/70 x R34 Nokian Forest Rider SB TL (back)
750/45 x 30,5 /20 SB T428 Trelleborg, front (W = 3000 mm)

Extra equipment

Engine:

Engine and cab preheater
Particle and moisture gauges for hydraulic oil
Vacuum pump for the hydraulic 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
Boggi bak 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
SP661 LF
SP761 LF

