

ROTTNE F11^E



Service weight: 16 700 kg
Length: 8,833 m
Width: 2,830 m
Height: 3,727 m

Engine

John Deere PowerTech PSS 4045 CI550, Stage V.

Engine	Diesel
Fuel tank	135 liter
AdBlue-tank	10 liter
Engine output	Max. 125 kW, 168 Cv Din, @2000 rpm
Engine torque	Max. 667 Nm @1500-1600 rpm
Cylinder volume	4 cyl. 4,5 liter with common rail injection system. Twinturbo.

Hydrostatic transmission

Hydrostatic/mechanical transmission with load regulation controlled by Rexroth control system.

Tractive force	167 kN
Gear 1	0 - 5 km/h
Gear 2	0 - 8,1 km/h
Gear 3	0 - 24 km/h

Brakes

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

Crane

Jib arm crane RK105 with dual slew cylinders and telescope 2.1 m/double telescope.

Lifting torque	104,8 kNm
Torque	27,1 kNm
Angle of rotation	380°
Reach	7,5 m with 2,1 m extension
Grapple	HSP 028

Wheel equipment

710/40 x 24,5 /20 F2 SF Nokian Forest King (W = 2830mm)

Hydraulic system

Load sensing hydraulic system.

Pump capacity	110 cm ³ 165 liter / 1500 rpm 3,0 – 24,0 MPa (working pressure)
Tank volume	80 liter
Degree of filtration	10 µm

Cab

Spacious, vibration-proof safety cab, ISO certified.

Noise level	65dBA
Climate system	ACC
Palettes	Button panels and mini displays mounted in armrests. Crane levers. Joystick, tilt, or mini wheel on the control levers. Mini wheel or mechanical lever steering.

Electrical system

24 volt electrical system with CAN-bus technology

Battery capacity	2 x battery 142 + 142 Ah
Alternator	150 A
Bucking system	Rottne Forester
Display	10.1" operating screen with touch
Working lights	21 pcs

Chassi

Frame-steered, steering angle +/- 45°.

Max steering torque	68 kNm
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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
- Extended warranty for the John Deere diesel engine

Cab:

- Extra remote controls for door lock
- Sun visors
- Forwarder computer DOP50 with keyboard and
- 12" capacitive touch screen (LED)
- Additional screen for rear-view camera
- Tilt for chair, Sit Right

Exterior:

- 2 x LED work lights, forward-facing, remote spotlight
- Extra work lights, 4 x LED
- Work lighting on gate, 2 x LED
- Protective grilles for rear side windows
- 2 pcs 9 liter foam fire extinguisher with holder

Other:

- 800/40 x 24,5 / 20 F2 SF Nokian Forest King (W= 2990mm)
- Balanced bogie front
- Balanced bogie back
- Bogie lift
- Cab damping system Comfort Line
- Extended wagon frame
- Extra load bunk
- Dozer blade
- Geo-info software installed in the computer (excl. maps)
- Cranetilt
- Crane tip control Rottne Crane Assistance
- Clear coat on the blue paintwork
- Crane RK105 with FC8 DT Double telescope and G121/MPB (Reach 9,3 m)
- Crane RK105 with Epsilon double telescope and G121/MPB (Reach 9,4 m)
- Grapples: HSP 028, Cranab CR 280, Hultdin SG 260, Hultdin SG 260S.

