

# F10<sup>E</sup>



Service weight from 14 500 kg  
Length 8 833 mm  
Width 2 580 mm  
Transportation height 3 697 mm  
Ground clearance 547 mm

## Engine

Type	JD PowerTech PSS 4045 CI550, Stage V
Engine	Diesel or HVO
Fuel tank	135 liter
AdBlue-tank	10 liter
Engine output	Max 125 kW, 168 hk @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

Type	Hydrostatic/mechanical transmission with load regulation controlled by Rexroth control system
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Tractive force	145 kN
Speed	Gear 1: 0 - 5 km / h Gear 2: 0 - 8 km / h Gear 3: 0 - 25 km / h

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

## Hydraulic system

Type	Load sensing hydraulic system
Pump capacity	110 cm <sup>3</sup> 165 liter / 1500 rpm 3,0 - 24,0 MPa (working pressure)
Tank volume	80 liter
Degree of filtration	10 my
Hydraulic oil	Rottne Biohydraul 32-68

## Cab

Type	Spacious, vibration-proof safety cab, ISO certified
Noise level	65 dBA
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

Type	24 volt electrical system with CAN-bus technology
Battery capacity	2 x battery 142 + 142 Ah
Alternator	1 x 150 A
Bucking system	Rottne Forester
Display	10.1" operating screen with touch
Working lights	21 pcs

## Chassi

Type	Frame-steered
Steering angle	+/- 45°
Max steering torque	68 kNm
Horizontal angle	+/- 22°

## Wheel equipment

600/50 x 22,5 /20 F2 SF Nokian Forest King. (W = 2580 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  
 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:

500/60 x 22,5 SB T421 Tbg incl. small banks (B=2410 mm)  
 710/40 x 22,5 /20 F2 SF Nokian Forest King (B=2800 mm)

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

### Gapples:

HSP 028 (Standard)  
 Cranab CR 280 (Optional)  
 Hultdin SG 260 (Optional)  
 Hultdin SG 260S (Optional)

