

# F20<sup>E</sup>

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Service weight from 23 500 kg  
Length 10 864 mm  
Width 3 200 mm  
Transportation height 3 913 mm  
Ground clearance 753 mm

## Engine

Type	JD Power Tech PVS 6090 CI550, Stage V
Engine	Diesel or HVO
Fuel tank	210 liter
AdBlue-tank	10 liter
Engine output	Max. 207 kW, 278 hk Din, @1700 rpm
Engine torque	Max. 1232 Nm @1500-1600 rpm
Cylinder volume	6 cyl. 9,0 liter with common rail injection system seriell turbo, 1 variable

## Hydrostatic transmission

Type	Hydrostatic/mechanical transmission with load regulation controlled by Rexroth control system
Tractive force	270 kN
Speed	Gear 1: 0 - 6 km / h Gear 2: 0 - 12 km / h Gear 3: 0 - 20 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 RK160 with dual slew cylinders and telescope 2,2 m
Lifting torque	156 kNm
Torque	45 kNm
Angle of rotation	370°
Reach	8,5 m with 2,2 m extension
Grapple	HSP 040 HD

## Hydraulic system

Type	Load sensing hydraulic system
Pump capacity	180 cm <sup>3</sup> 270 liter / 1500 rpm 3,0 - 22,0 MPa (working pressure)
Tank volume	130 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
Batterikapacitet	2 x battery 145 + 145 Ah
Generator	1 st. 150 A
Apteringsystem	Rottne Forester
Display	10.1" operating screen with touch
Arbetsbelysning	17 pcs

## Chassi

Type	Framesteered
Steering angle	+/- 43°
Max steering torque	93,5 kNm
Horizontal angle	+/- 22°

## Wheel equipment

750/55 x 26,5 /24 F2 SF Nokian Forest King (W = 3200 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  
 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:

4 x LED working lights (rear load bunk)  
 2 x LED working lights (on gate)  
 Working lights (articulated joint)  
 Protective grilles for rear side windows  
 2 pcs 9 liter foam fire extinguisher with holder

### Other:

750/55 x 26,5 F2 SF på smal fälg (W = 3080 mm) Standard wheels  
 780/50 x 28,5 /24 F2 SF wide rim for band (W = 3230 mm)

Balanced bogie front  
 Balanced bogie back

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 RK160 with FC16DT Double telescope (Reach 10 m)

### Grapple:

HSP 040 HD (Standard)  
 Hultdin SGII 420S (Optional)

