

F13^E

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Service weight from 19 900 kg
Length 9 834 mm
Width 2 924 mm
Transportation height 3 819 mm
Ground clearance 668 mm

Engine

| | |
|-----------------|---|
| Type | JD Power Tech PVS 6068 HI550, Stage V |
| Engine | Diesel or HVO |
| Fuel tank | 165 liter |
| AdBlue-tank | 10 liter |
| Engine output | Max. 164 kW, 221 hk Din, @1800 rpm |
| Engine torque | Max. 963 Nm @1500-1600 rpm |
| Cylinder volume | 6 cyl. 6,8 liter with common rail injection system variable turbo |

Hydrostatic transmission

| | |
|----------------|---|
| Type | Hydrostatic/mechanical transmission with load regulation controlled by Rexroth control system |
| Tractive force | 177 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 |
|------|---|

Crane

| | |
|-------------------|---|
| Type | Jib arm crane RK125 with dual slew cylinders and telescope 2.4 m/double telescope |
| Lifting torque | 125 kNm |
| Torque | 35,8 kNm |
| Angle of rotation | 375° |
| Reach | 8,4 m with 2,4 m extension |
| Grapple | HSP 035 |

Hydraulic system

| | |
|----------------------|--|
| Type | Load sensing hydraulic system |
| Pump capacity | 140 cm ³ 210 liter / 1500 rpm 3,0 - 22,0 MPa (working pressure) |
| Tank volume | 105 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 with wagonsteering |
| Steering angle | +/- 43° / 54° |
| Max steering torque | 74,9 kNm |
| Horizontal angle | +/- 20° |

Wheel equipment

710/45 x 26,5 /20 F2 SF Nokian Forest King

Configurations

Machine

600/55x26,5 F2 SF Nokian Forest King (B=2700 mm)
800/40 x 26,5 20 F2 SF Nokian Forest King (B=3090 mm)
Balanced bogie front
Balanced bogie rear
Bogie lift
Hydraulic stakes for Wide Load loading bunks
Additional loading bunk

Crane

Crane RK125 med FC12DT Double telescope (Reach 10 m)
Crane RK125 med Epsilon Double telescope (Reach 10 m)
Crane tilt
Rottne Crane Assistance

Grapples

Cranab CR 360
Hultdins SG 360
Hultdins SG 360 S

For information regarding options and additional equipment, see separate document.

