

F18^E



Service weight from 22 400 kg
Length 10 864 mm
Width 3 200 mm
Transportation height 3 913 mm
Ground clearance 753 mm
Loading capacity 18 Ton 4,8-6,8 m²

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, 221 hk Din, @1700 rpm
Engine torque	Max. 1232 Nm @1500 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	260 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 mit 2,2 m teleskop
Grapple	HSP 040 HD

Hydraulic system

Type	Load sensing hydraulic system
Pump capacity	180 cm ³ 270 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
Battery capacity	2 x battery 145 + 145 Ah
Alternator	1 st. 150 A
Bucking system	Rottne Forester
Display	10.1" operating screen with touch
Working lights	17 pcs

Chassi

Type	Frame-steered
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)

Configurations

Machine:

750/55 x30,5 T428 (W =3007mm) Standard Standard wheels

780/50 x 28,5 /24 F2 SF wide rim for band (W = 3230 mm)

Balanced bogie front

Balanced bogie back

Extended wagon frame

Extra load bunk

Wide Load (4,8-5,9m²)

Expansion sleeves for standard bunks (4,8-5,8 m²)

Crane:

Crane RK160 with FC16DT Double telescope (Reach 10 m)

Cranetilt

Crane tip control Rottne Crane Assistance

Grapple:

Hultdins SGII 420S

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

