Forestcorte Máquinas

ROTTNE F18^{E}

Service weight: 22 400 kg
Length: 10,864 m
Width: 3,200 m
Height: 3,913 m

Engine

John Deere Power Tech PVS 6090 CI550, Stage V.

Engine	Diesel
Fuel tank	210 liter
AdBlue-tank	10 liter
Engine output	Max. 207 kW, 221 Cv Din, @1700 rpm
Engine torque	Max. 1232 Nm @1500 rpm
Cylinder volume	6 cyl. 9 liter with common rail injection system seriell turbo, 1 variable

Hydrostatic transmission

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

Tractive force	260 kN
Gear 1	0 - 6 km/h
Gear 2	0 - 12 km/h
Gear 3	0 - 20 km/h

Brake

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

Crane

Jib arm crane RK160 with dual slew cylinders and telescope 2.2

Lifting torque	156 kNm
Torque	45 kNm
Angle of rotation	370º
Reach	8,5 m with 2,2 m extension
Grapple	HSP 040 HD

Wheel equipment

750 / 55 x 26.5 / 24F2 SF Nokian Forest King

Hydraulic system

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 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 145 + 145 Ah
Alternator	150 A
Bucking system	Rottne Forester
Display	10.1” operating screen with touch
Working lights	17

Chassi

Frame-steered, steering angle +/- 43º.

Max steering torque	93,5 kNm

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Configurations:

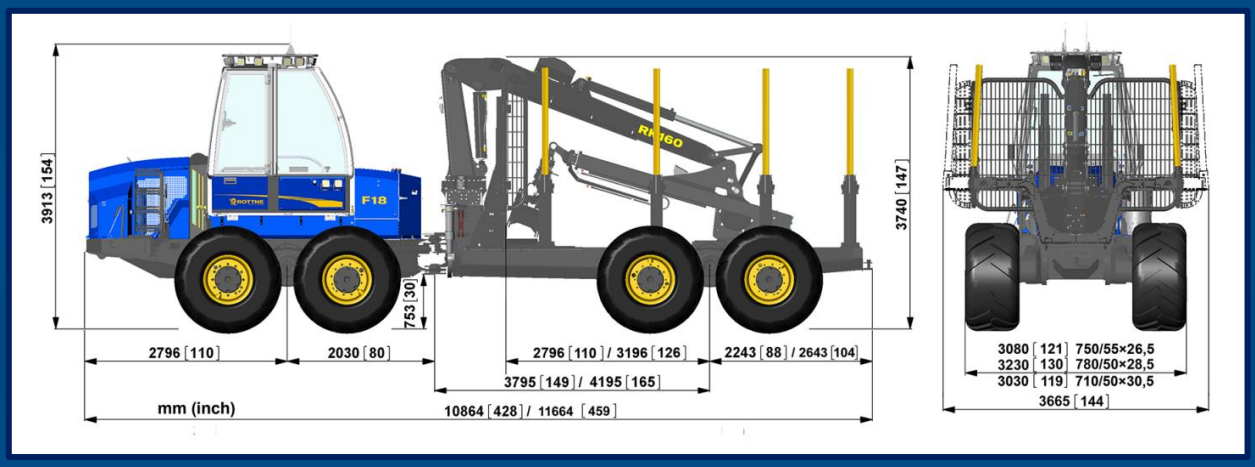
- 750 / 55 x 30.5 T428 (W= 3007mm)

- Balanced bogie front
- Balanced bogie back

- Extended wagon frame
- Extra load bunk

- Cranetilt
- Crane RK160 with FC16DT Double telescope (Reach 10 m)
- Crane tip control Rottne Crane Assistance

- Grapples: Hultdin SGII 420S.



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