

Forwarder 750F

Concept machine



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Technical data

Engine

Engine	Cummins QSB 4-cyl, Turbo-charged, Intercooler, Common-Rail, EC-steg 3B.
Capacity (litres)	4,5
Topeque (Nm) at speed	More than 600, between 1420 - 1800 r.p.m.
Power output kW (HP) at speed	120 (164) at 1900 r.p.m. (speed limited to 1900 r.p.m.).
Cooling system	Hydraulically driven fan with automatic reversing, governed by GreControl
Fuel tanks	123 litres

Transmission/Steering/Breakes

Tractive force (kN)	More than 120.
Hydrostatisk drift	Variable transmission governed by GreControl.
Gearbox	2-stage gearbox.
Bogies	Cast iron gearwheel bogies. Disengaging vehicle drive.
Differential locks	Individually controlled with 100% locking on each axle.
Hub reduction	On every wheel
Steering	Servo-steering, Electric proportional terrain steering in separate lever.
Steering torque (kNm)	42
Steering angle	+/- 44°
Brakes	Electro-hydraulic brakes. Four oil immersed multiple-disc brakes in front and rear differentials.
Other	GreControl for settings, fault detecting and warning by fault message.

Hydraulics

Working hydraulic	Load detecting output controlled system.
Pump (cc)	105 Variable.
Working pressure (MPa)	23,5
Cooling, filtering	Hydraulically driven variable fan with reversing action for blowing-off radiators governed by GreControl Separate pump for cooling and fine filtering. Return filter. Fine filter.
Filling	Elektrical via filter, automatic stop.

Crane/Crane Control

Crane	Cranab FC53
Reach (m)	6,5
Gross lifting torque (kNm)	53
Control System	Gre-Control, 6 operator selecting alternatives, fault detecting.

Electrics

Voltage (V)	24
Generator (A)	110
Battery (Ah)	2 x 100 Ah
Working lights LED (pcs)	15

Load carrier

Cross sectional area (m ²)	3,3
Payload (tons)	8,5
Other	Fixed headboard. 3 bunks with removable stakes.