



Forwarder 1050_{F4}



Join the family





Gremo 1050F4 is a modern version of the popular forwarder 950, which for more than 20 years been the market leader in the Swedish "small class". With 1050F4 we expand and move up a size class. This allows us to increase profitability for the user.

This flexible and powerful forwarder is excellent for thinning work and timber driving. Wetlands are no barriers - just add the bogies front and back, and the machine will move safely ahead.

1050F4 has a strong Cummins engine with common-rail technology. The engine has a torque of over 600 Nm across a wide rotation range. In addition to the engine strength, it is also light, compact and quiet.

The forwarder uses our proprietary software GreControl. With GreControl it's easy to customize several features for driving, crane type and task. With smart features, it is easy to reduce fuel consumption and improve profitability.

The 1050F4 is a lightweight and smooth machine with a steering angle of +/- 44 degrees, which makes the forwarder easy to maneuver even in difficult terrain.



Integrated Gremo tiltbase
for crane (option)



Integrated drivinglights
in bunks





Mechanic lamp



Unrestricted view



Automatic diesel and oil refill



Grill guard

Technical data

Engine

Engine	Cummins QSB 4-cyl, Turbo-charged, Intercooler, Common-Rail, EC step 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 135.
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

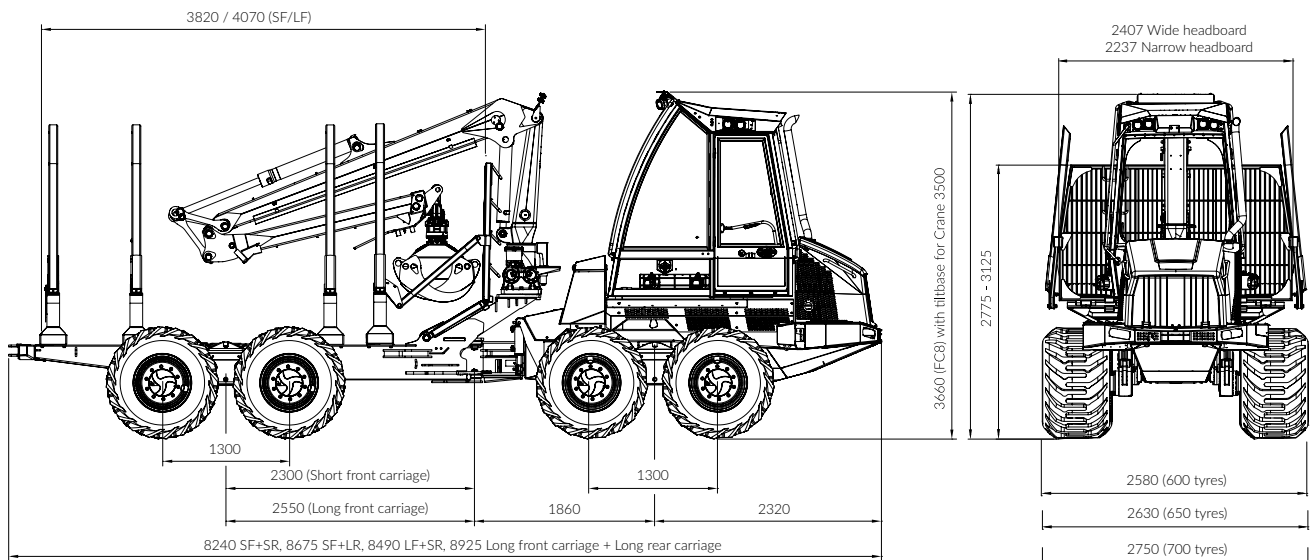
Crane	Cranab FC8
Reach (m)	7,2
Gross lifting torque (kNm)	87
Control System	Gre-Control, 6 operator selecting alternatives, fault detecting.

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)	4,1/3,3 alt. 4,3/3,5
Payload (tons)	10,5
Other	Hydraulically controlled headboard. 3 bunks with removable EXTE stakes.



Weight with basic equipment: 12 500 kg.

Equipment

Vehicle, standard

- 24V socket at fuel tank
- Bunks, 3 with removable stakes
- Cranab FC8 7,2m
- Electric pump with auto stop and quick connection for hydraulic oil
- Engaging and disengaging vehicle drive
- Engine preheater
- Fine filter for particle/water separation in hydraulic oil
- Grapple, Cranab Cr 280
- Hydraulic ladder
- Hydraulic operated folding headboard
- LED-lights, 15 off in total, incl. 1 off in rear frame and 2x2 off low lateral lights
- Nokian 710x22,5 FK F SF
- Road transport equipment
- Sprinkler equipment, 2 off hand extinguisher
- Tool compartments with room for Gremo Toolbox
- Two hooks front and rear
- Waist lock, automatically actuated
- Wear irons for bogie cases

Cabin, standard

- 6 off adjustable driver's programme
- 12V and 24V sockets in instrument panel
- ACC air condition plant
- Air-cushioned, electrically heated drivers seat, (BeGe 3100), safety belt, neck rest
- Cruise control
- Electrically braked seat rotation
- Interval wipers front and rear, touch button for one wipe (controls also optional lateral wipers)
- IQAN Experience with GreControl programme
- Manual pump for tilting of cabin
- Mini levers
- Opening side window (emergency exit)
- Prepared for telephone incl. aerial
- Radio/Bluetooth, 2 loud speakers
- Rearview mirror
- Safety panes 12 mm
- Selecting boom pump flow rates
- Sun curtain on top of the rear window
- Sunshade panel front
- Surveillance camera front/rear, colour screen
- Tripmeter/speedometer. Alarm and fault detector.
- Wheel steering

Options

- Alternative frame length
- Bogie track chains/anti-skid chains
- Bogielift
- Boom jib lights 2 off, LED lights
- DASA operation data collecting and forwarder reporting, GPS
- Drivers seat, damped in one alternatively two directions
- Drivers seat, tilting
- Drivers seat, ventilated
- Electric pump with auto stop and quick coupling for fuel
- Electric tilting of cabin
- Extra LED lights
- Fixed headboard
- Grapple, alternative brands
- Gremo active Cab suspension
- Gremo crane scale
- Gremo Toolbox
- Indexator slewing damper MPB
- Lateral wipers
- Prepared clamp bunk, electric hydraulic
- Remote controlled machine
- Remote controlled winch
- Sun curtains
- Tiltbase for crane
- Trelleborg 600, 650 or 710 dim Nokian TRS 600 or 710 dim Cranab FC8, 9,2 m
- Winch 6 tons enclosed in rear frame

WORLD CLASS FORESTRY MACHINES

We work with the probably most valuable assets in this world: Forest and people.

Our challenge is to make you feel comfortable working with our machines, but also to develop, build and sell forestry machines apt to cause as little harm to the forest

as possible without renouncing efficiency and performance.

We are well on the way. Not less than 95% of our customers buy a Gremo machine again. Are you possibly one of those who have missed something?

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We reserve the right to change specification and design. The machines shown in the illustrations can be equipped with extras. All measures and values are approximate and apply to a standard machine.