



HSM 208F



BigFoot



Technik die Freude macht.

HSM - The pioneer in soil-conserving forest technology

HSM adheres to the concept of creating "**Wide wheels on a vehicle with a small width**" like no other manufacturer.

The 208F 10 t up to 208F 12 t model series was equipped with extremely wide tyres of up to 940 mm with a small outer width of under 3m at its market launch many years ago.

- Less track depth on wet surfaces
- Higher driving speed and less fuel consumption than vehicles with tracks
- Significantly less erosion of soil onto the paved forest road

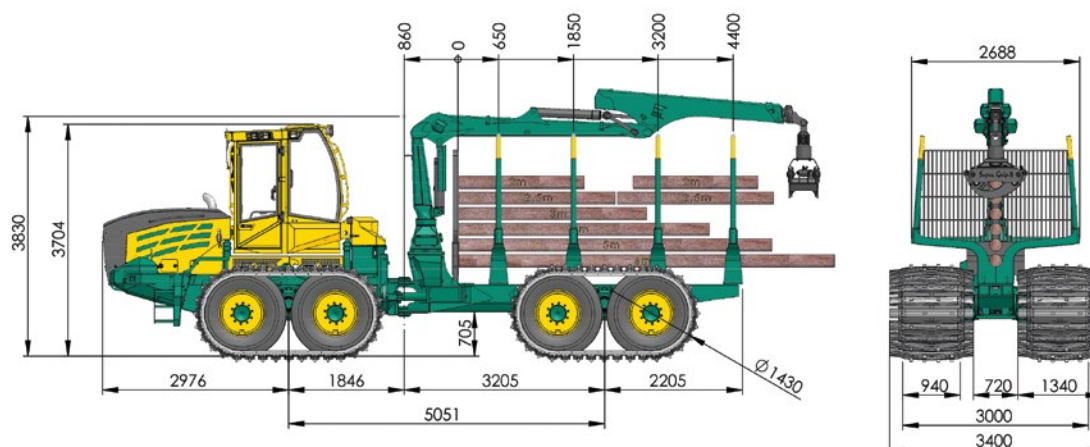
The HSM 208F BigFoot is the logical progression of this idea - the perfect innovation for soil-protecting forestry technology!

Equipped with special bunks, the **BigFoot** can be driven using specially developed 1340 mm wide tracks.

This enables productive and efficient timber harvesting with less track depth on wet surfaces that would otherwise be impassable.

Operating a **BigFoot** without tracks is efficient and conserves resources. Higher driving speeds and less fuel consumption, all while protecting forest paths (through less erosion of soil), are definite advantages for achieving efficiency.



**Engine:**

- VOLVO PENTA
TAD881VE EU Stage V
Power: 185 kW (252 HP) at 1600 rpm
max. revolution: 1150 Nm at 1100 - 1500 rpm
max. torque: 1175 Nm at 1400 rpm
Displacement: 7,7 liter
- Optional:
- VOLVO PENTA
TAD882VE EU Stage V
Power: 210 kW (286 HP) at 1700 rpm
max. revolution: 1225 Nm at 1100 - 1600 rpm
max. torque: 1255 Nm at 1400 rpm
Displacement: 7,7 liter

Transmission:

- NAF 2-speed transfer gearbox
- HSM High Speed Drive (71 serial)
1st gear 0-14 km/h

Axles:

- NAF planetary axles
- At the front: 100% selectable differential lock
- At the rear: 100% selectable differential lock

Brake:

- 2-circuit brake, disk brake running in an oil bath
- Spring-loaded parking brake

Steering:

- Articulated steering with 2 cylinders
- 45° steering angle

Tyres:

- | | Size: | Total width |
|---------|------------|-------------|
| Serial: | 54 x 37-25 | 3000 mm |

Tank capacity:

- Diesel: 190 l
- AdBlue: 45 l
- Hydraulic fluid: 130 l

Hydraulics:

- Load sensing
- Variable pump (working pump):
Flow rate: 304 l/min at 1600 rpm
Pressure: up to 350 bar
- Hydraulic fluid: Saturated, synthetic ester
Panolin HLP SYNTH with Kleenoil
Microfiltration; WGK 1

Cabin:

- Parallel pivoting cab
- ROPS, FOPS, OPS tested safety cab
- Swivel seat with pedals in the rear and the front
- Windscreen wipers in the front and the rear, optional side wipers
- air cushioned seat with seat heating
- Hot water heating
- Air conditioner

Electrics / Instruments:

- HSM Ecomand colour display
- 5 driving programs + factory setting
- Diagnostics function and error display
- Graphical support for editing parameters
- 110 A (28 V) alternator
- 2 maintenance-free dry-cell batteries, each with 75 Ah

Weight:

- 16000 kg (serial)
Weight distribution: Front axle: 60%
Rear axle: 40%

Torsion lock:

- 2 hydraulic cylinders

Loading crane:

- Series: Epsilon M70 F80
- Additional cranes in accordance with accessories list.

Loading area:

- 4 bunks
- Length: 4400 mm
- Cross-section: 3.8 m² / Option 4.2 m²
- Payload: 11 t

Standard equipment:

- 14 LED-working headlight at cabin
- 4 working headlights at crane
- potential transformer
- radio with CD
- fire extinguisher, first aid kit, warning triangle, tool kit, cooling box
- reversing camera with color monitor
- rear headlights

Special equipment:

- front dozer-blade
- tandem axle lift (Bogielift) front
- single-drum winch 7 t
- turnable rung, tiltable crane, quick-change system for rungs
- clambunk
- auxiliary heating
- bogie-tracks
- radio control for winch
- drive by radio
- sun blinds
- moveable front grid, pluggable front grid
- other options on request

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- **Tyres: Firestone 54 x 37-25**
(940 mm wide) - results in less ground pressure than 700 series wheels with tracks
- **Operation without tracks** protects forest paths and **saves money**
- **For extreme operation on wet ground -**
Tracks up to 1340 mm wide
- **Efficient forestry technology**
for use on all terrain



HSM Hohenloher Spezial-
Maschinenbau GmbH & Co. KG

Technik die Freude macht.

D-74635 Neu-Kupfer
Im Greut 10
Phone + 49 7944 / 9191-0
Fax + 49 7944 / 9191-77
E-mail: info@hsm-forest.com
www.hsm-forest.com

