



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



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HSM208F_BigFoot_en_photon-sh-0714



BigFoot 

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

- Less track depth on wet surfaces
- Higher driving speed and less fuel consumption than vehicles with belts
- 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-conserving forestry technology!

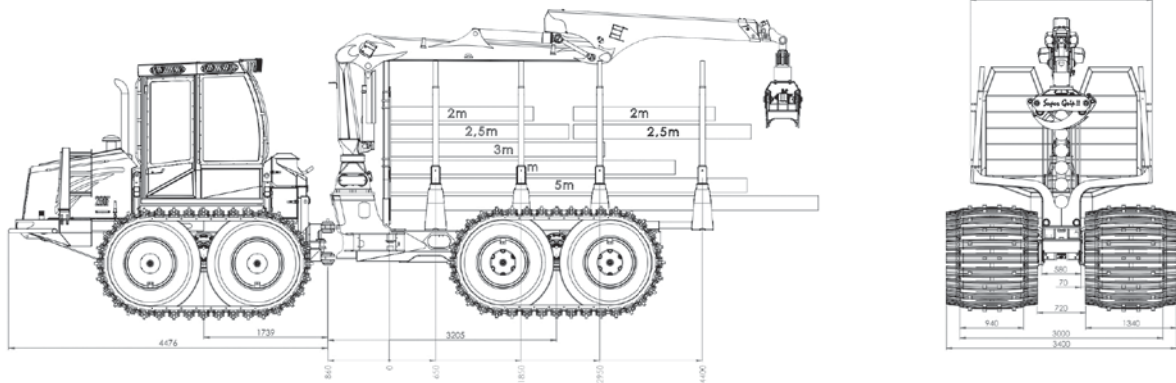
Equipped with special posts, the **BigFoot** can be driven using specially developed 1340 mm wide belts.

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

Operating a **BigFoot** without belts 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.



208F



Engine:

- IVECO
- NEF 6 cyl. Common Rail Turbo / EuroMot TIER3
- Engine output: 175 kW (238 DIN horsepower)
- Max. rpm: 2200 rpm
- Torque: 1020 Nm at 1500 rpm
- Engine capacity: 6.7 litres

Transmission:

- 1-motor hydrostat
- NAF 2-speed VTG
- Option: HSM High Speed Drive (71 series) 1st gear 0-16 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 |
| • Series: | 54 x 37-25 | 3000 mm |

Tank capacity:

- Diesel: 190 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
- Fixed displacement pump:

Flow rate:	17.6 l/min at 1600 rpm
Pressure:	120 bar
- Hydraulic fluid: Saturated, synthetic ester Panolin HLP SYNTH with Kleenoil Microfiltration water hazard class 1
- Control block: Rexroth
- Crane control: HSM Ecommand with graphic colour display. Menu navigation using the scroll wheel, diagnostic tool, and error display, 5 driving programs

Cab:

- 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-suspended comfort seat
- Hot water heating
- Air conditioner

Electrics / Instruments:

- HSM Ecommand colour display
- 5 driving programs + factory setting
- Diagnostics function and error display
- Graphical support for editing parameters
- 24 V, 90 A alternator
- 4 maintenance-free dry-cell batteries, each with 56 Ah

Weight:

- 16000 kg (series)
- 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: 4.0 m² / Option 4.3 m²
- Payload 11 t

Standard equipment:

- 12 LED work lamps on the cab, 2 work lamps on the crane, voltage transformer, radio with CD player, fire extinguisher, first-aid kit, warning triangle, tool set, cooler

Special accessories:

- Front grade plate, tandem axle lift (bogie lift) in the front, one 7 t / 10 t drum winch, turning post, last post attached, tiltable crane pillar, quick-change system for post setup, clamping workbench, auxiliary heating, bogie chain belts, remote control for cable winch, wireless driving, sun blinds, 2 LED headlamps on the crane
- Additional accessories on request