



HSM 208F 9 to



Engine:

- IVECO
- NEF 4 Zyl. Common Rail Turbo/ EuroMot TIER3
- Power: 104kW (141 HP)
- Max. revolution: 2200 rpm
- Max. torque: 608 Nm at 1600 rpm
- Displacement: 4,5 Liter

Power Train:

- Hydrostatic-mechanically
- Elektronic control CMC
- NAF 2-speed transfer case
- Traction force 125 kN

Axles:

- NAF Planetary-Bogie-Axles
- Front: Switchable differential lock 100%
- Rear: Switchable differential lock 100%

Brake:

- Brake with 2-circles, oil-cooled multiple-disc powerbrake
- Spring-loaded power parking-brake

Steering:

- Articulated frame steering
- Steering angle 52°

Tires:

	Size:	Overall width:	Width with bogie-tracks:
• Serial:	710/40-22,5	2500 mm	2600 mm
• Optional:	600/50-22,5	2300 mm	2400 mm
•	650/45-22,5	2400 mm	2500 mm

Fuel-Tank:

- Capacity: 100 Liter

Hydraulic system:

- Load Sensing
- Variable pump:
 - Pump flow: 152 l/min at 1600 rpm
 - Pressure: up to max. 350 bar
- Gear pump:
 - Pump flow: 17,6 l/min at 1600 rpm
 - Pressure: 120 bar
- Tank: 140 Liter
- Hydraulikoil: unsaturated, synthetic ester Panolin HLP SYNTH mit Kleenoil Microfiltration WGK 1
- Valve-block: Rexroth M4-12
- Crane-control: Digital elektronics CMC with individual adjustable speed and ramptimes, 5 driver programs

Elektrical system:

- Generator 24V, 90A
- 2 service-free dry batteries each with 56Ah

Cabin:

- Raisable to side on parallel linkages
- Protection tested conforming with ROPS ISO 8082
- Revolver seat
- Wiper in front, rear and on the side
- Comfortable, air cushioned seat
- Warm water heater
- Air-conditioning

Gauges:

- Engine oil-pressure and oil-temperature, transmission oil-temperature, charging warning lamp, parking-brake on, fuel-tank gauge, cooling water temperature, alphanumeric display for rpm, speed, hydraulic oil-temperature, as well as all process data for driving and working hydraulics, warning overhead engine

Weight:

- 12200 kg (serial)
- | | | |
|---------------------|-------------|-----|
| Weight arrangement: | Front axle: | 60% |
| | Rear axle: | 40% |

Central oszillation lock:

- 2 Hydraulic cylinders

Loading area:

- 4 rungs
- Lenght: 4100 mm
- Cross section: 3,4 m² / alternate 3,9 m²
- Payload: 9 to.

Crane:

Type:	lifting moment:		Reach:	Slewing torque:	Grapple:
	gross / net:		m	kNm	
	kNm	kNm			
Serial:					
Loglift F51 F65	64	49	6,5	17,5	FX 26
Optional:					
Loglift F71 F72	99	75	7,2	24,4	FX 36
Loglift F71 FT100	99	66	10	24,4	FX 36
Loglift F83 FT100i	106	73	10	26,1	FX 36

Alternate cranes on request.

Standard equipment:

- 12 spotlamps Twin Power each 2x70W mounted on Cabin, 2 spotlamps Twin Power each 2x70W mounted on crane, potential transformer, radio, fire extinguisher, first-aid box, warning triangle, tool kit

Special equipment:

- Front dozer-blade, 3th rung turnable, bogie-tracks, radio controled winch and driving, independent vehicle heater, quick-change system for rungs

Technical subject to change
April 2008
P-Nr: 208F-9to-engl-TB004

