

HSM 405H3 8WD



Eninge:

- IVECO
- NEF 6 Zyl. Common Rail Turbo/ EuroMot TIER3
- Power 260 kW / 354 HP
- max. revolution: 2100 rpm
- max. torque: 1500 Nm at 1400 U/min
- Displacement: 8,7 Liter

Power Train:

- hydrostatic-mechanically
- Elektronic Control CMC
- NAF 2-speed transfer case
- Traction force 195 kN

Axles:

- NAF balanced Portal-Bogie-Axles
- Front and rear: switchable differential lock 100%

Brake:

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

Steering:

- Articulated frame steering
- 2 steering cylinders
- Steering angle 52°

Tires:

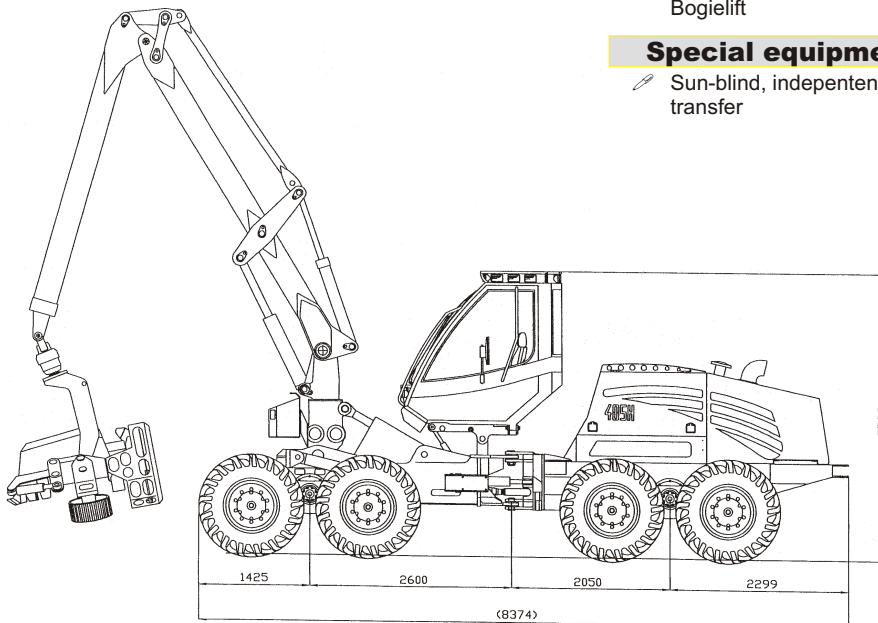
- | | Size: | Overall width |
|----------|-------------|---------------|
| Serial | 700/50-26,5 | from 2920 mm |
| Optional | 800/40-26,5 | from 3180 mm |
| | 600/55-26,5 | from 2780 mm |

Fuel-Tank:

- Capacity: 460 Liter

Hydraulic system:

- Load Sensing
- Variable pump: 1 x 145 ccm, 1 x 190 ccm
Pump Flow: 469 l/min at 1400 U/min
Pressure: max. 380 bar
- Gear pump: 15,4 l/min at 1400 U/min
Pressure: 120 bar
- Tank: 240 Liter
- Hydrauliccoil: unsaturated, synthetic Ester
Panolin HLP SYNTH with Kleenoil
Microfiltration WGK 1
- Valve: Danfoss PVG 32
- Crane-Control: Digital electronics CMC with individual
adjustable speed and ramptimes, 5 driver
programs



Elektrical system:

- Generator 24V, 2 x 90A
- 2 service-free dry batteries each with 75Ah

Cabin:

- Tiltable cabin forward / reverse
- Curved windscreen Lexan
- Wiper in front and on the side
- Protection tested conforming with ROPS ISO 8082
- Comfortable, air cushioned seat
- Warm water heater
- Air-conditioning

Gauges:

- Fuel-Tank gauges, 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

Wight:

- 23000 kg (serial)

Central oszillation lock:

- 2 hydraulic cylinders

Crane:

- Loglift L280 V110
- Reach 11 m
- Lifting moment gross 280 kNm
- Slewing torque 65 kNm

Harvester Head:

- Serial: Waratah H480
- Felling diameter 710 mm
- Delimiting diameter 480 mm
- Feed force with 630/400 ccm motor 23,7 kN
- Feed force with 800/500 ccm motor 30,2 kN
- Feed speed 5,0 m/s
- Operating pressure max. 280 bar
- Weight 1250 kg

Alternate harvester heads on request.

Control system:

- Serial Motomit IT
- Optional Motomit PC
DASA 4

Standard equipment:

- 19 x spotlamps Twin Power each 2x70W mounted on cabin, 4 spotlamps in front of crane, potential transformer, radio, fire extinguisher, first-aid box, warning triangle, tool kit, bypass-filter, refueling pumps for fuel and hydraulic oil, vacuum pump, Bogielift

Special equipment:

- Sun-blind, independent vehicle heater, GPS-system, data transfer

Technical subject to change
Stand April 2008
P-Nr: 405H3-8WD-engl-TB003