



# HSM 805H



Technik die Freude macht.

# Technical data

## Engine:

- IVECO  
NEF 4 cyl. Common Rail Turbo / EuroMot TIER 3B  
Engine output: 125 kW (170 DIN horsepower)  
Max. rpm: 2200 rpm  
Max. torque: 700 Nm at 1500 rpm  
Engine capacity: 4.5 litres

## Transmission:

- HSM High Speed Drive (71 series)
- 2-step NAF transfer gearbox

## Axles:

- Planetary axles
- 100% separately selectable differential locks, front and rear

## Brake:

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

## Steering:

- Articulated steering with 2 cylinders
- 45° steering angle

## Tank capacity:

- Diesel: 175 l
- AdBlue: 25 l
- Hydraulic fluid: 90 l

## Hydraulics:

- Load sensing
- Pump output: Flow rate: 232 litres/min at 1600 rpm  
Pressure: up to 350 bar
- Hydraulic fluid: Saturated, synthetic ester  
Panolin HLP SYNTH with Kleenoil  
Microfiltration; WGK 1

## Cabin:

- HSM Panorama comfort cab
- ROPS, FOPS, OPS tested safety cab
- Swivel seat device, air-suspended comfort seat
- Heating/air-conditioning

## Electrical system / Instruments:

- HSM Ecomand colour-display
- 5 operator programs + factory setting
- Diagnosis-tool and error-indication, graphic support at parameter editing, generator 24 V, 90 A; 2 service-free dry batteries á 56 Ah

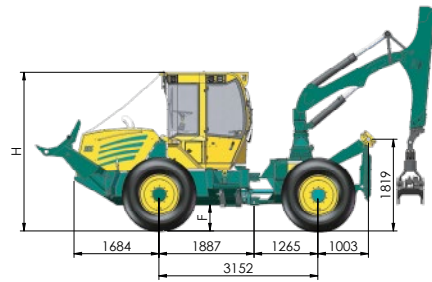
## Standard equipment:

- 12 LED work lamps, 24 V - 12 V voltage transformer, Radio with CD player, fire extinguisher, first-aid kit, warning, triangle, tool set and much more

## Special equipment:

- Tilttable front polder shield, front loader (Hauer), trailer hitch, outer hydraulic connection, remote control for cable winch, wireless driving, auxiliary heating, sun blinds, seat damping pad
- Additional accessories on request

# 805H



## Winches:

- Series: Adler HY 16 (2 x 80 kN) double-drum winch  
Max. cable take-up of 14 mm, 100 m
- Optional: Adler HY 20 (2 x 100 kN) double-drum winch  
Max. cable take-up of 14 mm, 100 m

## Weight:

- 10900 kg (standard)

## Forwarder:

- Epsilon M80 R59 - R80  
(max. range 8 m, lifting moment 95 kNm gross)
- Epsilon M90 R59 - R72  
(max. range 7.2 m, lifting moment 104 kNm gross)
- Mesera F81 R51 - RT65  
(max. range 6.5 m, lifting moment 93 kNm gross)
- Additional cranes on request

## Tyres:

	Size:	Total width:	H:	F:
• Series:	600/60-30,5	2360 mm	3190	560
• Optional:	650/60-26,5	2460 mm	3160	530
	750/55-26,5	2700 mm	3160	530
	18,4-26	2220 mm	3143	513
	600/60-R28	2360 mm	3136	506

## Standard equipment:

- Fixed front polder shield, 2000 mm wide
- Lowerable straight shield
- Epsilon crane M80 R59
- Torsion lock with 2 hydraulic cylinders and much more

## Special equipment:

- Hydraulically height-adjustable roller block
- Clamping workbench on height-adjustable roller block
- Straight shield with sprag brake
- "Skidder France" version pulley
- Engine bonnet protection and brush guard made from tubing
- Additional accessories on request

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