

Malwa 560F Forwarder



The new Malwa 560F forwarder with trailer contributes to improved production economy.



Malwa 560F is a stand-operating forwarder with load capacity of 5 500 kg, or 9 000 kg in combination with trailer. The low weight makes the machine very suitable on sensitive ground and moors, especially with tracks on the bogie. Top-class hydro-mechanical drive train in combination with short turning radius and good tracking provides one-of-a-kind driving experience. Can be transported on a hook lift platform.

Powerful Cat 3.4 motor meets the new environmental requirements. Choose between Cranabs FC45 with 6.1 meter reach or FC45DT with 8.2 meter reach.

Trailer

The optional trailer increases the total load capacity to 9 000 kg and enables easier handling of various assortments, without increased ground pressure. The trailer can be placed on the load bunks during transport.

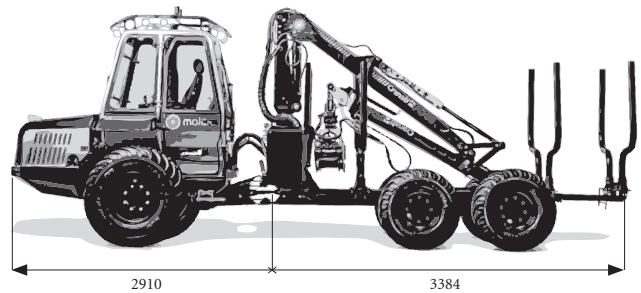
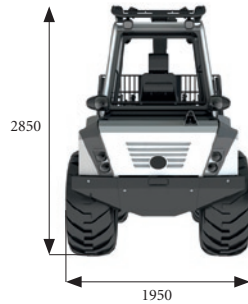
Malwa 560 series

560H Harvester. 560F Forwarder. 560C Combi.



Specifications

Malwa 560F



Dimensions and Weight

Weight:	From 5 400 kg.
Length:	6.3 m.
Width:	1.95 m (500 mm wheels).
Height:	2.85 m.
Ground clearance:	400 mm.

Load Area

Gross load:	5 500 kg.
Bunk area:	2 m ² .
Load bunks:	Two fixed and one extendable.

Chassis

Folded frame in laser cut steel.
Casted bogie with chain drive and wheel reductions.
Articulated joint with slewing bearing.
Hydraulic frame stabilization, automatically activated.
Towing points, front and rear.
Articulated steering: Hydraulic with double-acting cylinders.
Steering angle: ± 45 degrees.

Engine

Type:	Caterpillar 3.4B, Tier 4 Final, EU Stage IIIB
Cylinder volume:	3.4 l.
Output:	55 kW (75 hp) at 2 200 rpm.
Torque:	318 Nm at 1 400 rpm.
Fuel Tank:	65 l.

Work Hydraulics

Flow:	148 l/min at 1700 rpm.
Work pressure:	195 bar.
Other:	Variable load sensing axial piston pump with torque limiter.
	Crane valve with individual signal pressure limitation.
	Common return filter handling 360 l/min.
	Separate filters for hydrostat and work hydraulics.

Transmission

Type:	Hydro-mechanical transmission from Bosch Rexroth separated from work hydraulics.
Speed:	0–18 km/h. Four gear steps.
Other:	2WD or 6WD. Differential lock, front and rear.

Electrical System

Voltage:	12 V.
Battery:	95 Ah.
Alternator:	120 A.
IQAN System (CAN-bus based) for control of all functions in the machine supported by a user-friendly display. The system allows for setting of crane functions, transmission control, diesel engine and other machine functions. System offers follow-up, troubleshooting, and alarms. Software updates are possible.	

Cab

Seat:	Ergonomically designed seat with pneumatic suspension. Individual adjustment of the seat cushion, back and lumbar support are provided.
Hand rests:	Adjustable for joysticks.
Heating/Ventilation:	Fully-automatic heating and cooling unit (ECC).
Safety:	ISO certified (OPS, ROPS, FOPS).
More:	Windscreen wipers and washers, front and rear. Spacious cabin supported on rubber buffers. Heat and sound insulated. Safe entrance.

Brakes

Fully hydraulic multi disc brakes in oil bath.
Transport and work brake.
Negative park brake and catastrophe brake.
Automatic park brake.

Crane

Standard:	High quality forwarder crane, Cranab FC45 and grapple CR200.
Reach:	6.1 m.
Gross lifting torque:	45.6 kNm.
Gross slewing torque:	13 kNm.
Optional:	Cranab FC45 DT (reach 8.2 m).

We reserve the right to change specification without further notice.
July 2018.