

Malwa 560F Forwarder



Stand-operative forwarder with a load capacity of 5.5 tonnes or 9 tonnes when combined with a trailer.

Powerful CAT engine that meets the new, stricter environmental requirements (EU Step V). Choose between the FC45 with 6.1 metre reach or the FC45DT with 8.2 metre reach – professional cranes with excellent motion

geometry. HSP grip or tilt grip.

Trailer

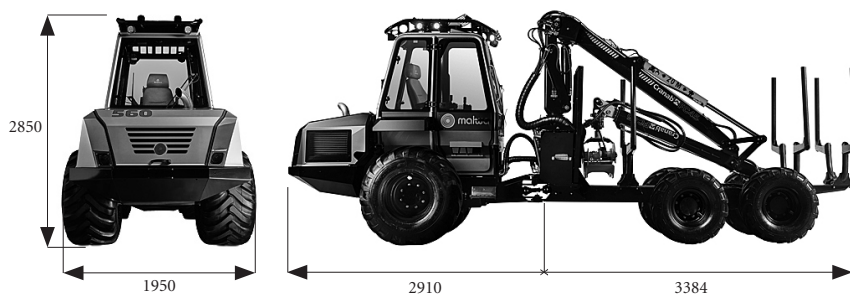
The optional trailer increases the total load capacity to 9000 kg and enables easier handling of various assortments, without increased ground pressure. The trailer can be placed on the load bunks during transport.

Malwa 560-series
560H Harvester. 560F Forwarder. 560C Combi.



Specifications

Malwa 560F



Dimensions and Weight

Weight:	From 5 700 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 C2.8, EU Stage V, U.S EPA Tier 4 Final.
Cylinder volume:	2.8 l.
Output:	55 kW (75 hp) at 2 200 rpm.
Torque:	300 Nm at 1 600 rpm.
Fuel Tank:	74 l.

Work Hydraulics

Flow:	148 l/min at 1 700 rpm.
Work pressure:	195 bar.
Other:	Variable load sensing axial piston pump with torque limiter from Bosch Rexroth. Separate filters for hydrostat and work hydraulics. Common return filter handling 360 l/min.

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 touch screen. 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.
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