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# Malwa 560F Forwarder



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 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.

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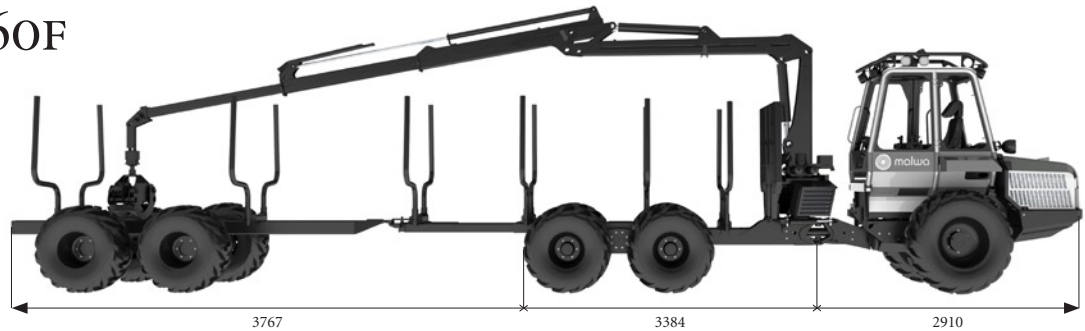
## **Malwa 560 series**

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



# Specifications

## Malwa 560F



### Dimensions and Weight

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

### Load Area

<b>Gross load:</b>	5 500 kg.
<b>Bunk area:</b>	2 m <sup>2</sup> .
<b>Load bunks:</b>	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.
<b>Articulated steering:</b> Hydraulic with double-acting cylinders.
<b>Steering angle:</b> ± 45 degrees.

### Engine

<b>Type:</b>	Caterpillar 3.4B, Tier 4 Final, EU Stage IIIB
<b>Cylinder volume:</b>	3.4 l.
<b>Output:</b>	55 kW (75 hp) at 2 200 rpm.
<b>Torque:</b>	318 Nm at 1 400 rpm.
<b>Fuel Tank:</b>	70 l.

### Work Hydraulics

<b>Flow:</b>	140 l/min at 1 600 rpm.
<b>Work pressure:</b>	195 bar.
<b>Other:</b>	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

<b>Type:</b>	Hydro-mechanical transmission from Bosch Rexroth separated from work hydraulics.
<b>Speed:</b>	0–20 km/h. Four gear steps.
<b>Other:</b>	2WD or 6WD. Differential lock, front and rear.

### Electrical System

<b>Voltage:</b>	12 V.
<b>Battery:</b>	95 Ah.
<b>Alternator:</b>	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

<b>Seat:</b>	Ergonomically designed seat with pneumatic suspension. Individual adjustment of the seat cushion, back and lumbar support are provided.
<b>Hand rests:</b>	Adjustable for joysticks.
<b>Heating/Ventilation:</b>	Fully-automatic heating and cooling unit (ECC).
<b>Safety glass:</b>	12 mm polycarbonate in all windows.
<b>More:</b>	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

<b>Standard:</b>	High quality forwarder crane, Cranab FC45.
<b>Reach:</b>	6.1 m.
<b>Gross lifting torque:</b>	45.6 kNm.
<b>Gross slewing torque:</b>	13 kNm.
<b>Optional:</b>	Cranab FC45 DT (reach 8 m).

*We reserve the right to change specification without further notice. January 2017.*