

# Malwa 560c Combi



*Two counterweights around 1100 kg each and a spacious storage box.*



*Conversion between harvester and forwarder takes about 20 minutes.*

Stand-operative dual machine which simply and easily converts between harvester and forwarder without compromising productivity or performance. A unique solution with removable counterweights allows the Combi to perform as well as a traditional harvester.

Spacious storage compartment houses four 20-litre containers for extra diesel, for example, or stump treatment fluid. Plus extra chains, bar and special tools.

May be transported by means of hook-lift platform. Being able to move 'two machines at one go' makes the Combi perfect both for thinning tasks and dealing with windblows.

Powerful Cat 3.4 engine complies with the new environmental requirements. Harvester head with up to 42 cm cutting diameter and 5,5 tonne load capacity as a forwarder.

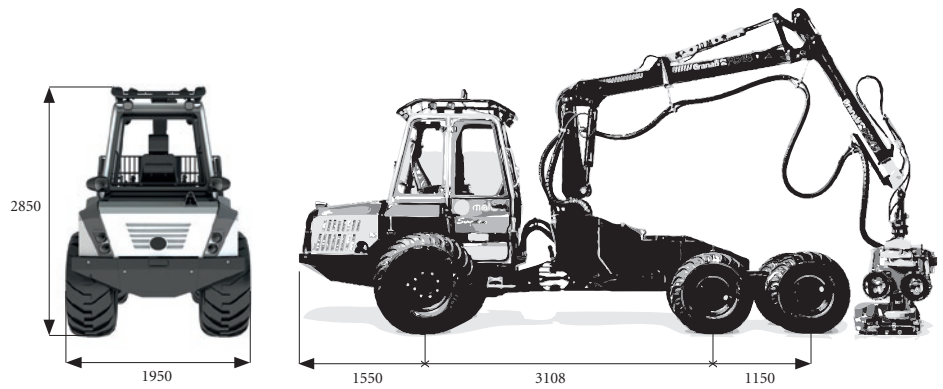
Uniquely good handling and mobility – even on sensitive ground or moorland.

## Malwa 560 series

560H Harvester. 560F Forwarder. 560c Combi.



# Specifications Malwa 560c



## 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 (in Forwarder mode)

<b>Gross load:</b>	5 500 kg.
<b>Bunk area:</b>	2 m <sup>2</sup> . Foldable load gate (for harvester mode).
<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>	65 l.

## Work Hydraulics

<b>Flow:</b>	148 l/min at 1 700 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>	0–18 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:</b>	ISO certified (OPS, ROPS, FOPS).
<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>Type:</b>	High quality crane, Cranab FC45 and grapple CR200.
<b>Reach:</b>	6.1 m.
<b>Gross lifting torque:</b>	45.6 kNm.
<b>Gross slewing torque:</b>	13 kNm.

## Harvester Head

<b>Standard:</b>	Log Max 928A, a light head specifically designed for thinning.
<b>Max cut capacity:</b>	420 mm.
<b>Weight:</b>	412 kg.
<b>Feed force:</b>	14.6 kN.
<b>Options:</b>	Stump treatment (Mix pump, 95 l water tank). Full system diagnosis. Value bucking. GPS, maps.

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