

Specifications

Malwa 980



Dimensions and Weight

Weight:	From 9 800 kg.
Length:	6,4 m.
Width:	2.2 m
Height:	3.0 m.
Ground clearance:	520 mm

Chassis

Folded frame in laser cut steel.
Sturdy bogie with chain drive, slewing bearings 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 C4.4, EU Stage V, U.S EPA Tier 4 Final.
Cylinder volume:	4.4 l.
Output:	130 kW (173 hk) at 2 000 rpm.
Torque:	300 Nm at 1 400 rpm.
Fuel Tank:	240 l.

Work Hydraulics

Flow:	220+145 l/min at 1 700 rpm.
Work pressure:	250 bar.
Other:	Variable load sensing axial piston pump with torque limiter from Bosch Rexroth.
	Crane valve with individual signal pressure limitation.
	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:	8WD. Differential lock, front and rear.
	Bogie lift, front and rear.

Electrical System

Voltage:	24 V.
Battery:	95 Ah x 2.
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). Chain shot proof windshield ISO21876:2020
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

Type:	Kesla 875 parallel harvester crane
Reach:	7.6 m.
Gross lifting torque:	72 kNm.
Gross slewing torque:	22 kNm.
Crane tilt:	± 20°.

Harvester Head

Standard:	Log Max 3000T, a light head specifically designed for thinning.
Max cut capacity:	520 mm.
Weight:	615 kg.
Feed force:	16.2 kN.
Options:	Stump treatment (dose direct pump, 60 l water tank).
	Colour marking.
	Full system diagnosis.
	Value bucking.
	GPS, maps.
	LogMax 2000T.

We reserve the right to change specification without further notice.
June 2022.