



SEMI-AUTOMATIC BANDSAW MACHINES

**SPECIAL 320 M/S MACC BAND SAW WITH AUT. LOWERING CYLINDER
INCL. COOLING OIL + SAW BLADE****MAC KS320MS400 - W93671**

Weight	390 kg
Power max.	1100 W
Clamp opening	315 mm
Cutting capacity square 0°	220 mm
Cutting capacity square 45°	180 mm
Cutting capacity square 60°	120 mm
Cutting capacity tube 0°	230 mm
Cutting capacity tube 45°	200 mm
Cutting capacity tube 60°	130 mm
Bandsaw speed min.	35 m/m in
Bandsaw speed max.	71 m/m in
Voltage	3x400 V
Cutting capacity rectangle flat 0°	300x170 mm
Cutting capacity rectangle flat 45°	230x180 mm
Cutting capacity rectangle flat 60°	130x110 mm
Bandsaw size	2825x27x0 mm ,9
Bandsaw speed type	Fixed
Number of speeds	2
Length	1870 mm
Width	1130 mm
Height	1900 mm



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General characteristics

- Constructively heavily built machine specially developed for sawing medium-heavy profiles and full material, consisting of:
 - Sheet steel base with removable tray for collecting the saw chips
 - Built-in hydraulic group
 - Built-in coolant reservoir with pump
 - Saw bracket with drive wheels
 - Saw bracket foot with miter device
 - Saw bow and saw bow foot
 - Bracket, foot and drive wheels completely made of cast material.
 - Tight bracket construction for a perfect cut.
 - Sturdy hinge point for a stable sawing movement.
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- Belt tensioning device with saw break protection and belt tension control.
 - Simple angle adjustment with clearly readable scale.
 - Miter device with locking button for 90° and 45° and 60° (right) .
 - Quick release lever for locking the miter device.
 - Material clamp manually adjustable and hydraulically clamped.
 - Tungsten carbide band saw guide with adjustable support bearings.
 - Adjustable band saw guide for obtaining a right angle cut.
 - Adjustable height of the saw arch by means of of microswitches.

Hydraulic system

- Central hydraulic group with electrically operated valves.
- Functions: hydraulic clamping of the workpiece. ;
- Control valve for the lowering speed of the bracket

Electric control panel

- Setup built into the machine.
 - Main switch with minimum voltage relay.
 - Switch belt speed selection (34 – 71 m/min.).
 - Switch coolant pump.
 - Push button lower saw arc to workpiece.
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- Push-button start with indicator light.
 - Indicator light for presence of mains voltage.
 - Emergency stop.

Coolant device

- Electric pump built on a reserve oir.
- A removable chip tray above the reservoir
- Double coolant supply (in front and behind the workpiece)
- Equipped with flow control valve and non-return valve