



# abm

Grinding Technologies

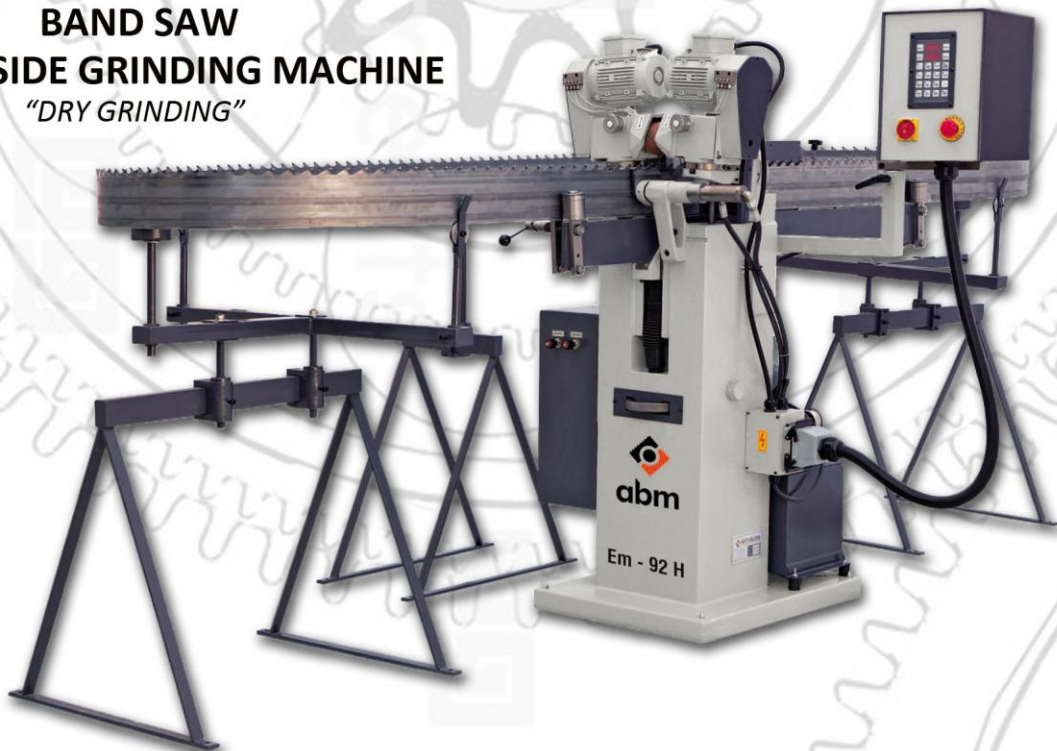
**EM-S**

**BAND SAW DOUBLE  
SIDE GRINDING MACHINE**  
"FULL ENCLOSURE"



**EM-92H**

**BAND SAW  
DOUBLE SIDE GRINDING MACHINE**  
"DRY GRINDING"



# BAND SAW DOUBLE SIDE GRINDING MACHINE

EM-S

"FULL ENCLOSURE"

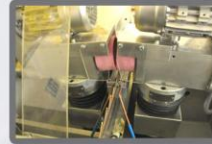


## EM-S GENERAL FEATURES

- Automatic simultaneous side grinding of stellite tipped or swaged teeth of band saws.
- Non-corroding and hardening plating on all mechanical components.
- Maximum 250mm band saw width capacity.
- Microprocessor controlled.
- Adjustable grinding speed.
- Automatic stop at cycle end.
- Automatic side grinding.
- Grinding heads riding on linear rails.
- Optional gang saw and circular saw side dressing attachments.
- Precise infeed amount and grinding head angle adjustments.
- Providing precise and accurate cutting angle.
- Simple controls for ease of use.
- Ensuring better surface quality on the material cut.
- Guaranteeing dimensional and formal accuracy of the material to be cut.
- Manual lubrication.
- Saw vertical movement by means of motor control from control panel
- Manual adjustment of grinding head strokes.
- Ergonomic use.
- Robust machine base.

## EM-S TECHNICAL SPECIFICATIONS

- Band saw blade width 70-250mm (Optional up to 350mm)
- Band saw length Min. 5,5m
- Tooth pushing stroke Maximum 60mm
- Clearance angle in feeding and cutting direction 0-8°
- Side dressing wheel outside diameter Ø100mm
- Wheel bore diameter Ø20mm
- Feeding rate 0-30 teeth/min. (Adjustable from panel)
- Motor quantity 3
- Installed power ~2kW
- Operating voltage 380V, 3Ph, 50Hz
- Net/gross weight 850/900kg
- Dimensions 110\*140\*110cm



Precise infeed adjustment



24V control panel (Standart)



Ease of grinding stroke adjustment

EM-92H

# BAND SAW DOUBLE SIDE GRINDING MACHINE

"DRY GRINDING"

## EM-92H GENERAL FEATURES

- Hydraulic automatic simultaneous side grinding of stellite tipped or swaged teeth of band saws.
- Non-corroding and hardening plating on all mechanical components.
- Maximum 350mm band saw width capacity.
- Microprocessor controlled.
- Hydraulic driven tooth pushing, blade clamping and grinding heads vertical movement.
- Stronger stock removal by hydraulic system.
- Adjustable grinding speed.
- Automatic stop at cycle end.
- Automatic side grinding.
- Grinding heads riding on linear rails.
- Optional gang saw and circular saw side dressing attachments.
- Optional coolant system.
- Precise infeed amount and grinding head angle adjustments.
- Modular 24V control panel with plug-in socket.
- Providing precise and accurate cutting angle.
- Simple controls for ease of use.
- Durable equalized stellite tipped band saw providing longer life for the band saw.
- Ensuring better surface quality on the material cut.
- Guaranteeing dimensional and formal accuracy of the material to be cut.
- Less thermal cutting pressure on tooth tips due to higher cutting power.
- Manual lubrication.
- Standard saw holder carriage legs.
- Manual adjustment of grinding head vertical movement.
- Red light indicator for cycle end.
- Ergonomic use.
- Stable machine base.



## EM-92H TECHNICAL SPECIFICATIONS

- Band saw blade width 70-206mm
- Band saw length Min. 5,5m
- Tooth pushing stroke 20-60mm
- Clearance angle in feeding and cutting direction 0-7°
- Side dressing wheel outside diameter Ø80mm
- Wheel bore diameter Ø20mm
- Feeding rate 40 teeth/min.
- Motor quantity 3
- Installed power ~1kW
- Operating voltage 380V, 3Ph, 50Hz
- Net/gross weight 430/455kg
- Dimensions 80\*140\*150cm



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