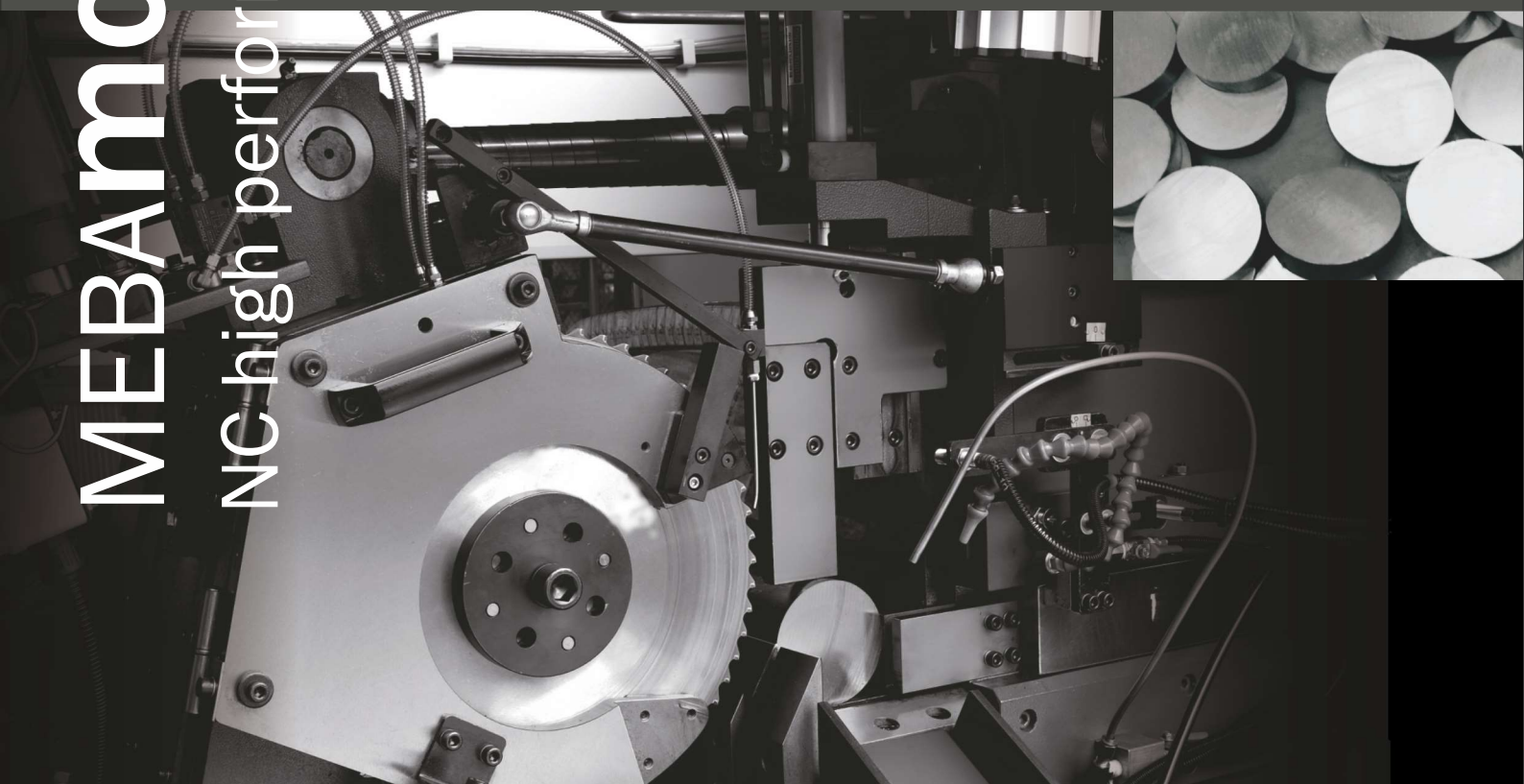


MEBAmcs

NC high performance circular saw machine

MEBA
sawing solutions.



MEBAmcs FEATURES

ELECTRICAL CONTROL SYSTEM: INTELLIGENT AND ERGONOMIC

- ❖ Central and easy to use control panel
- ❖ All electrical equipments are international standard and realible
- ❖ Ensured door safety protection



SAW BLADE CLEANING: EFFECTIVE AND EFFICIENT

- ❖ Optimal cleaning of the tooth edge: modern double brush removes any remaining chips and dirt.

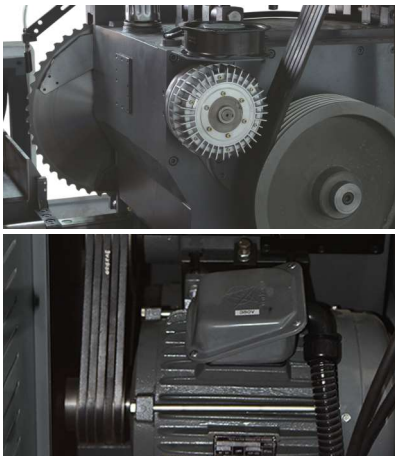
SAW BLADE GUIDING: ACCURATE AND RELIABLE

- ❖ Advanced blade guide system ensures the guide lubrication & stability of blade to increase the blade life.
- ❖ Noise reduction because of low vibration



HYDRAULIC MATERIAL CLAMPING

- ❖ Side & top clamping hold the workpiece firmly to prevent cutter vibration.



MACHINE DRIVE ASSEMBLY: POWERFUL & RIGID

- ❖ High power gear reducer, reliable bearings and backlash free hardened gear to ensure the stability of cutter and more life of tool.
- ❖ High power gear box: Precise gear, special shaft design with new tapered precision bearings.
- ❖ Anti backlash device using the latest technology system of independent gas drive fluid pressure conversion to maintain the wear-resistant block pressure to ensure that the anti-skidding sawing power stability, so that the use of the main shaft gear & two gear always without gap meshing.

HYDRAULIC COOLING SYSTEM

- ❖ Ejection or removal of heat from hydraulic oil tank to maintain the temperature level.



CUTTER & MATERIAL FEEDING SYSTEM

- ❖ Circular saw cutting feed system based on AC servo motor with ball screw feeding ensures the fast movement of cutter, cutting precision & stability.
- ❖ AC servo motor with ball screw feeding provides accurate & fast material movement for high performance.

STANDARD EQUIPMENT

- Central and easy to use control panel
- PLC control & hydraulic functions
- Rigid hydraulic material clamping
- High Quality & high performance servo motors ensures the overall rigidity of the machine tool, better reliability and overall performance of the equipment
- Floating shuttle infeed vice
- Accurate positioning of the material by ball lead screw with servo motor regulated by AC drive
- Cutter feeding by ball lead screw with servo motor regulated by AC drive
- Environmentally friendly micro mist spray lubrication system
- Automatic chip conveyor
- NC Control
- Teleservice / remote service via modem
- Colour silver-grey/ blue-grey (RAL 7001/ RAL 7031)
- 1,00 ST Tool Kit
- 1,00 ST Instruction manual and spare parts list

Technical data			
Type	80	100	150
Model	NC Automatic	NC Automatic	NC Automatic
Saw Blade	285x32x2.0 mm	360x40x2.6 mm	460x50x2.7 mm
Capacity; 90°	Ø 15-80 mm ■ 15-55 mm	Ø 20-100 mm ■ 20-75 mm	Ø 50-150 mm ■ 50-130 mm
Saw Speed	20 - 170 rpm	20 - 150 rpm	20 - 150 rpm
Motor	7,5 kW AC	11,0 kW AC	15,0 kW AC
Length of material feed	5-680 mm	5-760 mm	5-1000 mm
Length of remaining piece	85 mm	85 mm	80 mm
Hydraulic tank capacity	90 L	90 L	120 L
Dimensions [LxWxH]	7000x2400x1735 mm	7500x2900x2300 mm	7500x3100x2300 mm
Weight [With loader]	3600 kg	3800 kg	7300 kg

Technical data subject to change

www.mebaindia.com; www.meba-saw.in



MEBA CIRCULAR SAW BLADES

MEBA FRICTION SAW BLADES

MEBA HIGH PERFORMANCE HSS CIRCULAR SAWS

- ❖ MEBA HSS
- ❖ MEBApro - TiCN Coated
- ❖ MEBAextreme - TiAlN Coated
- ❖ MEBAultimate - Multi layer Coated

MEBA HIGH PERFORMANCE CARBIDE TIPPED CIRCULAR SAWS

- ❖ MEBA Cermet
- ❖ MEBApro - TiAlN Coated

Special cutters as per application requirement/drawings can be supplied in HSS as well as in TCT.



Product Range

- ❖ Complete range of Bandsaw Machines.
- ❖ HSS Bi-Metal, Carbide Tipped and Diamond Coated Bandsaw Blades.
- ❖ Complete Bandsaw line with Robotic arms & Material handling systems.
- ❖ Automatic Infeed & Out-feed systems.
- ❖ Circular saw machines & Circular saw blades.
- ❖ Circular saw modular lines & allied products from **RSA CUTTING SYSTEMS GERMANY**.
 - Sawing Line with loading, cutting, deburring, chamfering, cleaning, drying & stacking.
 - Deburring (manual machines) solutions from **RSA CUTTING SYSTEMS GERMANY**.
 - Industrial Brushes from RSA cutting systems.
 - HABERLE manual Circular saw machines.
- ❖ Structural steel fabrication machinery from **PEDDINGHAUS CORPORATION USA** which includes
 - Plate Processors - Angle Lines - Drill Lines - Iron Workers - Layout Marking - shot blasting machines
- ❖ CNC bar shearing machine from **SCHUBERT GROUP GERMANY**

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