

MEBA
sawing solutions.

MEBARatio

Economic basic models:
Efficient. Proven. Versatile.



Machine Data Sheet

MEBARatio	200	300 G	210 A
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MEBARatio 200 / 300 G / 210 A

Technical Data

200	
type	semi automatic
90°	Ø 200 200x200
motor	2,2 kW
saw blade	4100x27x0,9 mm
saw blade speed	20-75 m/min.
dimensions (LxWxH)	1350x2050x1590 mm

300 G	
type	semi automatic
90°	Ø 300 300x300
45° rh	Ø 250 300x250
30° rh	Ø 120 300x120
motor	4,0 kW
saw blade	4860x34x1,1 mm
saw blade speed	20-105 m/min.
dimensions (LxWxH)	1520x2560x1685 mm

Standard equipment

- High efficiency power transmission to saw thru directly coupled geared motor
- Saw frame movement on pre-hardened linear motion guides for smooth movement
- Special bearing housing with heavy duty angular contact bearing to isolate the gear box from the load of blade tensioning
- Saw frame rotation on a specially designed bearing housing with hydraulic locking facility. Angles to be set manually
- Variable frequency drive to set the blade speed precisely depending on the material
- Mechanical main vice with eccentric movement for faster and easier clamping
- State of the art of manual blade tensioning
- Infinitely variable feed control valve for setting the cutting rate
- Friction type rotating cleaning wire brush
- Specially designed blade guide arm with internal coolant flow for better cooling and lubrication of blade as well as improved life of carbide wear plates
- Separate hydraulic power pack for easy maintenance with a tank of 10 liter.
- Ergonomically designed electrical console
- Separate coolant tank with pump
- Movable blade guide arm for precise cutting and better tool life
- Machine stops automatically after completion of the cut



210 A	
type	automatic
90°	Ø 210 210x210
motor	2,2 kW
saw blade	4000x27x0,9 mm
saw blade speed	20-80 m/min.
dimensions (LxWxH)	1625x2390x1445 mm



Additional equipment for MEBARatio 210 A:

- Double acting hydraulic cylinder for main vice and shuttle vice
- Cycle sequencing thru PLC analog with Touch Screen and fault diagnostic
- Auto indexing shuttle of stroke length of 500 mm and synchronized with auto cycle
- Driven saw blade cleaning brush
- Length setting thru precise lead screw
- Adjustable and movable dovetail type heavy duty movable blade guide
- Automatic machine OFF, in case of blade breakage
- Electrically driven chip conveyor for removal of chips
- Precise setting of blade speed thru a variable AC frequency inverter

