

## Cavity Polishing Machine



### Machine Specifications

Electric Supply	380 V 3-phase
Air Supply	4 Bar - 1/4" BSP
Cavity	Mould or Blank Cavities 230 mm diameter 310 mm height
Polishing Pressure	Operator Variable Setting
Head Stroke	400 mm Linear Slide Guided Rails and Ball Screw
Head Drive	Servo Motor
Stroke Speed	500 mm/min maximum
Stroke Counter	Programmable
Electrical System	Siemens
Operator Inputs	Touchscreen
Spindle Motors	0 to 3000 rpm
Table Motors	0 to 150 rpm

The CPM machine has following features:

- Up to four fully independent polishing heads
- CPM400 – 4 heads , CPM200 – 2 heads
- Wet Polishing ( On Request )
- Dry Polishing ( Standard )
- Rapid set up time
- "Four Section Emboss Omitting" Polishing Option
- Operator Friendly
- Servo Driven Polishing Head
- Siemens Touch Screen Programming
- Fully adjustable:
  - Polishing Pressure
  - Spindle Speed
  - Workpiece Rotation Speed
  - Linear Head Feed Rate
- Self-Centering Workpiece Fixture
- Head Centralisation and Park Positioning on Cycle Completion
- Single Output Dust Extraction Facility



Up to "Four Section Emboss Omitting" Polishing Option. Allows sections of the cavity to be omitted from the polishing cycle.



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CPM200



CPM400



### Examples of Touch Screen Interface

