

MORARA - GC I/E CNC - 2004

	Manufacturer: MORARA
	Type: GC I/E CNC
	Year of manufacturing: 2004
	Parameters: maximum grinding length (external) 800 mm

Description:

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- system SIEMENS

- equipped with a new MARPOSS P5

General Data & Working Capacity

- distance between spindle nose and internal wheel slide 1500 mm

- maximum grinding length (external) 800 mm

- centre height 230 mm

- external grinding wheel dimensions (diameter × width × bore) 610 × 80 × 203.2 mm

- wheel recess 270 × 20 mm

- maximum swing diameter 370 mm

- maximum weight between centres 200 kg

- maximum overhang workpiece weight 90 kg

- total installed power 25 kW

- machine weight (including accessories) 9000 kg

External Grinding Wheel Slide (X Axis)

- wheel position Left

- infeed angle 90°

- grinding wheel motor power 5.5 kW

- grinding wheel peripheral speed 45 m/s

- maximum wheel wear in diameter 180 mm

- spindle type Bearing-mounted

- manual positioning travel 160 mm

- X-axis travel 320 mm

- ball screw diameter 40 mm

- ball screw pitch 5 mm

- maximum feed rate 10 m/min

- resolution 0.0005 mm

- measuring system Rotary encoder

- drive motor AC Brushless

Internal Grinding Wheel Slide (Y Axis)

- grinding wheel motor power 5.5 kW

- grinding wheel peripheral speed 45 m/s

- spindle type Belt-driven

- manual positioning travel 160 mm

- Y-axis travel 320 mm

- ball screw diameter 40 mm

- ball screw pitch 5 mm