

Prima Standard

Grinder for sleeves and rollers coated in rubber and/or technopolymers



compact
design



EC Norm
compliant



mechanical
resistance



rubber and
polymer

This model is designed for the following operations: external steps and roller facing; grinding wheel and lathing tool swing function on manually adjusted cam with manual horizontal axis increments; manual grinding wheel adjustment cycle. Standard equipment: one position tool holder, digital display for the three axis positioning.

structure

- Solid structure in painted steel
- Linear precision guides with a reduced range for working head sliding
- Two independent working heads for roughing and grinding
- Quality mechanical and electronic parts
- Measurements digital display
- Tools developed to guarantee high production yield

specifications

Machine colour	Red RAL3000 and White RAL9002 Other colours available on request
Length [mm] Prima Mod. 200 - 250 - 300 - 350 - 400	4.300 - 4.800 - 5.300 - 5.800 - 6.300
Width [mm]	1.700
Height [mm]	1.650
Weight [Kg] Prima Mod. 200 - 250 - 300 - 350 - 400	5.000 - 5.500 - 6.000 - 7.000 - 7.500
Useful distance between the points [mm] Prima Mod.200 - 250 - 300 - 350 - 400	2.000 - 2.500 - 3.000 - 3.500 - 4.000
Maximum table stroke [mm] Prima Mod. 200 - 250 - 300 - 350 - 400	2.000 - 2.500 - 3.000 - 3.500 - 4.000
Height of points [mm]	450
Maximum diameter of the rotating piece [mm]	400
Maximum diameter of the piece to grind [mm]	350
Maximum weight of the piece assembled between the points [Kg]	350
Piece rotation speed [RPM]	0 - 500
Grinding wheel mandrel rotation speed [RPM]	1.650
Tailstock Taper Cut	Morse 5
Grinding wheel advancement range [mm]	0 - 200
Undercutting tool advancement range [mm]	0 - 200
Grinding wheel advancement hand-wheel minimum resolution for manual command [mm]	0,001
Abrasive grinding wheel drive	4 kW AC 3Ph
Piece holder rotating head drive	Brushless 25 [Nm]
Drives: movement of the head-support trolley/ movement of the grinding wheel/tool axes	2 x Brushless 8,4 [Nm]
Accessories included	1 Lathe carrier per type D.35-D.50-D.80-D.110 [mm] - Total 4 Pieces

	1 Abrasive grinding wheel 400x127x40 [mm] with flange, shaft for grinding wheel balancing
	1 Round knife tool for roughing and tool-holder
	1 Tool for abrasive grinding wheel dressing and tool-holder
	1 Fixed tailstock - 1 rotating tailstock
Optional equipment	Manual equipment for static balancing of the abrasive grinding wheels
	Bellows in special rubber-coated, oil-proof cover for the linear guides
	Manual, four-position, rotating tool-holder tower
	Configuration for working with water (to order with the machine and not retrofittable); includes a single action purification system with filtration belt in non-woven fabric, bellows in special, rubber-coated, oil-proof cover for the guides I
	- Internet connection module for remote support

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