

Like the PRIMA PLC, it allows all the above described operations on sleeves and rollers with rubber or techno-polymer coating on bigger dimensions up to:

- 8 [m] width between the centers (equipped with handling tools sized for the purpose of supply)
- Max dia. 600 [mm]

Solid stiffened electro-welded steel structure, more powerful motors, newly re-sized components and the assembly with new high precision guides keep the tolerance of the rubber surface within 0,02 [mm] even for such big rollers.

## 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
- 10.4" touch screen panel with customisable software
- Tools developed to guarantee high production yield

## specifications

Machine colour	Red RAL3000 and White RAL9002 Other colours available on request
Length [mm] Prima XL-PLC Mod. 200 - 250 - 300 - 400 - 450	5.000 - 5.500 - 6.000 - 6.500 - 7.000 - 7.500
Width [mm]	2.500
Height [mm]	2.000
Weight [Kg] Prima XL Mod. 200 - 250 - 300 - 350 - 400 - 450	5.500 - 6.400 - 7.300 - 8.500 - 9.750 - 11.000
Useful distance between the points [mm] Mod. 200 - 250 - 300 - 350 - 400 - 450	2.000 - 2.500 - 3.000 - 3.500 - 4.000 - 4.500
Maximum table stroke [mm] Mod. 200 - 250 - 300 - 350 - 400 - 450	2.000 - 2.500 - 3.000 - 3.500 - 4.000 - 4.500
Height of points [mm]	520
Maximum diameter of the rotating piece [mm]	550
Maximum diameter of the piece to grind [mm]	500
Maximum weight of the piece assembled between the points [Kg]	800
Piece rotation speed [RPM]	0 - 500
Grinding wheel mandrel rotation speed [RPM]	1.650
Tailstock Taper Cut	Morse 6
Grinding wheel advancement range [mm]	0 - 400
Undercutting tool advancement range [mm]	0 - 400
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 62,5 [Nm]
Drives: movement of the head-support trolley/ movement of the grinding wheel/tool axes	3 x Brushless 8,4 [Nm]

	n°1 Mola abrasiva 400x127x40 [mm] completa di flangia, albero per equilibratura mola
	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 l
	Internet connection module for remote support

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Rossini World Italy • France • Spain Germany • United Kingdom Romania • Brasil • China United States • India Rossini S.p.A. HeadQuarters Via de Gasperi, 5 20027 Rescaldina - Milano - Italy Tel. +39 0331 47 27 11 - Fax +39 0331 57 97 46 comm.dept@rossini-spa.it