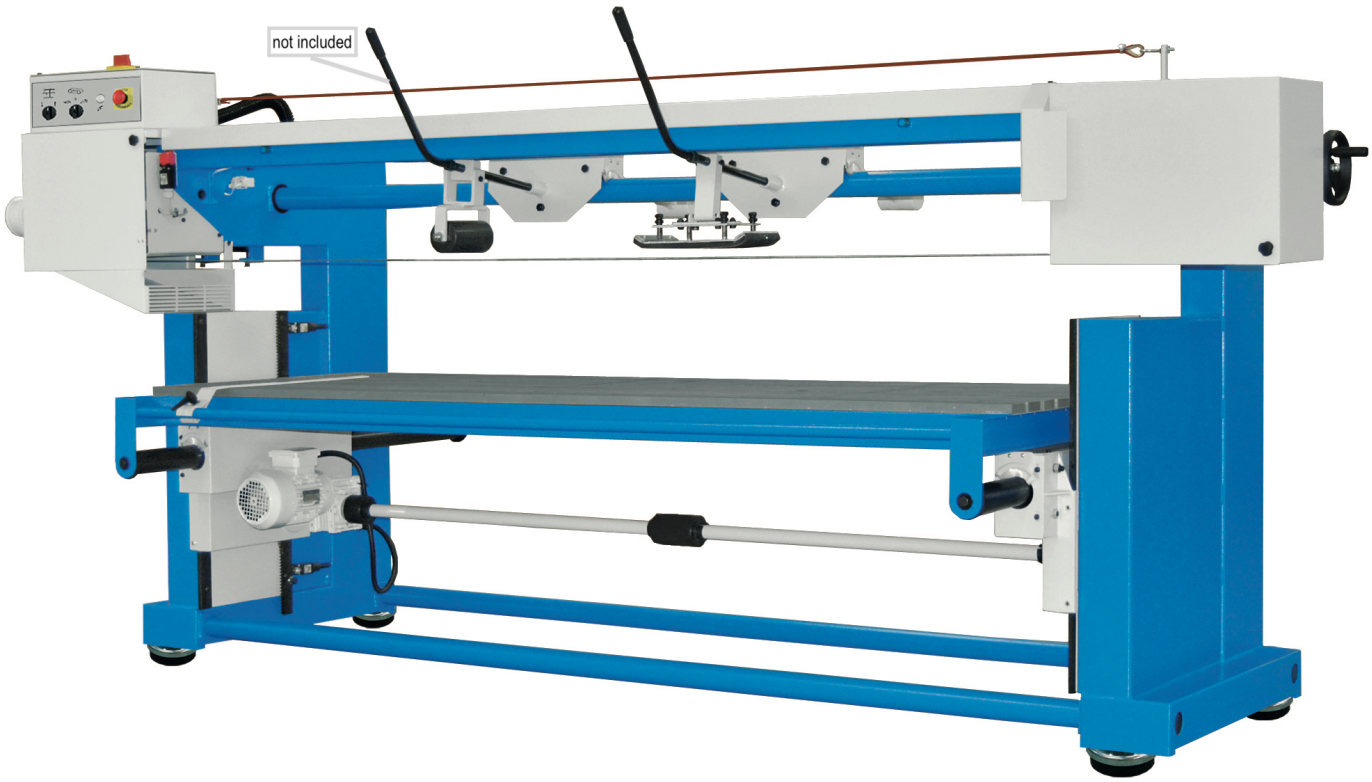
ART.144

Long belt polishing machine by pad for flat surfaces



Made in Italy

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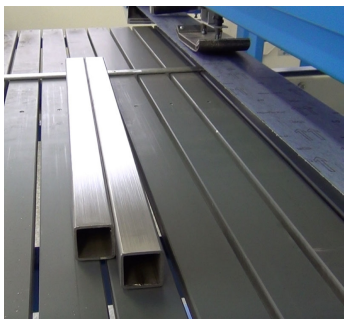
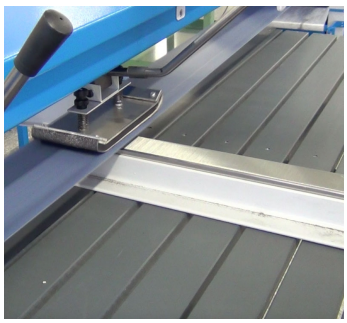
The pad polishing machine allows to carry out finishing and satin finishing operations on flat surfaces such as plates and sheets, bars and tubulars with square or rectangular section, and above all of large dimensions such as carters, boxes, fairings.
In addition to sanding, satin finishing and finishing in general, it is possible to carry out grinding and deburring operations on shear cut parts or with thermal cutting such as oxy-fuel and laser cutting. It is also possible to carry out deburring to remove weld seams on molded boxes and fairings.
Belts of any type of abrasive grain (corundum, zirconium, ceramic, diamond, agglomerate, cork, Trizact, Scotch-Brite etc. etc.) can be mounted to obtain different finishing qualities.
The processing of the details takes place by means of an abrasive belt and a pad that is moved manually by the operator.
The parts to be machined are positioned on the support table which is covered with fireproof material and is electrically motorized to adjust the height according to the thickness of the parts.
The machine can be equipped with various options in addition to all the various ones

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General technical info

Power supply	400 | 50 | 3	Volt|Hz|Phase
Motor power	4,5 (6)	kW (hp)
Motor speed	700 - 1400	rpm
Acoustic emission	85	dB
Overall dimension (Width x Depth x Height)	3700 x 2150 x H. 1600	mm
Weight standard machine	630	kg
Quantity of abrasive belt	1	No.
Abrasive belt dimension (wide x length)	150 x 7000	mm
Peripheral speed	11 - 22	m/sec
Workpiece thickness allowed	min. 1 ÷ max. 420	mm
Workpiece length allowed	max. 2400	mm
Workpiece width allowed	max. 800	mm
Workpiece weight allowed	max. 150	kg

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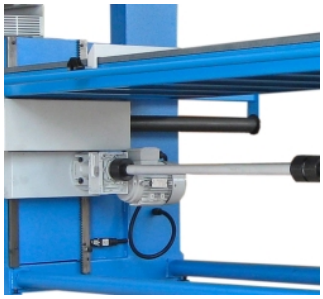
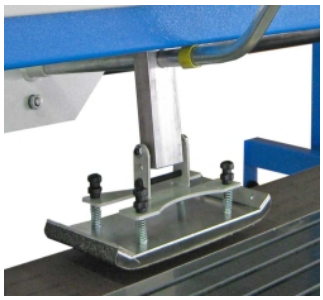
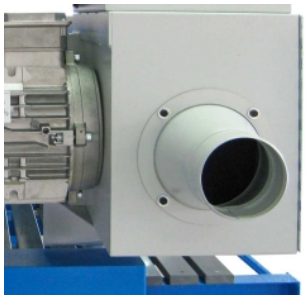
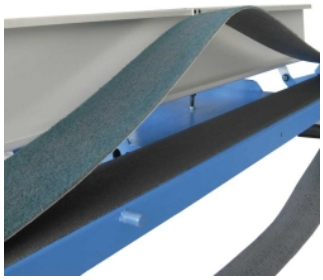
Standard Equipments











Abrasive belt



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Anti-vibration feet of leveling
The strong base is fitted with anti-vibration damping support feet which allow leveling of the machine perfectly and to minimize vibrations during machining.



Machine respect CE stamp of compliance
- Machine with CE conformity mark made respecting the requirements of the most recent
  directives concerning it.
- Machine complete with instruction manual complete with CE conformity certificate, test sheet and
  exploded view with relative spare parts list.
- Machine equipped with a set of service keys suitable for the adjustment and maintenance of the machine.



Guarantee of European standards
The stringent tests guarantee that all the requisites and standards necessary to obtain the guarantee in accordance with European standards are respected. Since the project we dedicate a lot of care and attention to making the machine with high quality level to deliver machines that last over time.

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Optional Equipments



cod. **INV.144**:



cod. **TAR.144**:



cod. **ASP.01-HP4**: **Dust extractor by cyclone system**
Wheeled dust extractor with cyclone system. It is built entirely of steel and has no dust filter bag. The suction takes place by means of the centrifugal force generated by the cyclone which conveys the dust into the underlying steel drawer that collects and holds it. In the case of dry machining it is necessary to connect the machine to a strong vacuum cleaner such as this which keeps the conveyor belt clean from the emery.

>>> Product Datasheet <<<

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Consumables

cod. **148/Y**:



cod. **149/G**:



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Technical modification

This product data sheet does not constitute a contractual obligation.
We reserve the right to modify and/or improve our machines without prior notice.
Some photographs and illustrations are purely demonstrative and may differ from the real ones.

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