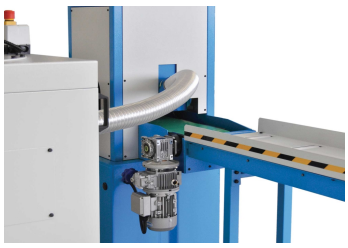
ART.97

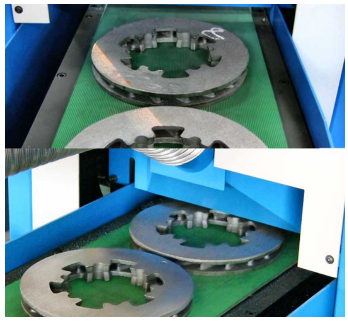
Polishing machine for flat surfaces by dry system
1 Belt grinding unit

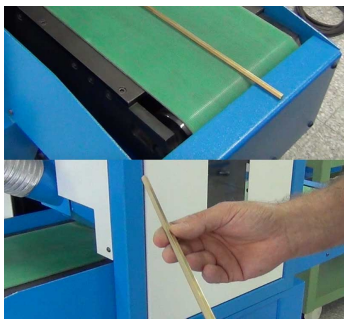
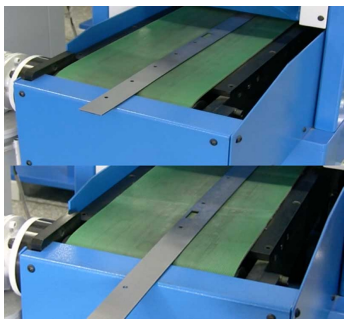
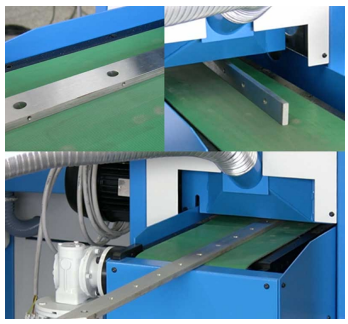
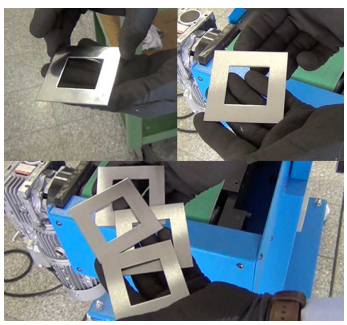


Made in Italy

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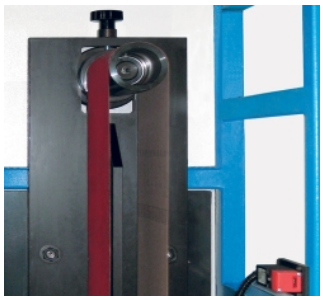
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General technical info

Power supply	400 | 50 | 3	Volt|Hz|Phase
Motor power	5 (6,5)	kW (hp)
Motor speed	1400 - 2800	rpm
Overall dimension (Width x Depth x Height)	1250 x 870 x H. 1850	mm
Weight standard machine	570	kg
Quantity of abrasive belt	1	No.
Abrasive belt dimension (wide x length)	220 x 1750	mm
Peripheral speed	6 - 12	m/sec
Dimensions of grooved rubberized driving wheel (wide x diameter)	Ø80 x 220 | 60	mm
Belt conveyor dimension	220 x 2350	mm
Feeding speed of workpiece	min. 1 ÷ max. 10	m/min
Workpiece thickness allowed	min. 1 ÷ max. 125	mm
Workpiece length allowed	min. 120 ÷ max. 6000	mm
Workpiece width allowed	max. 220	mm

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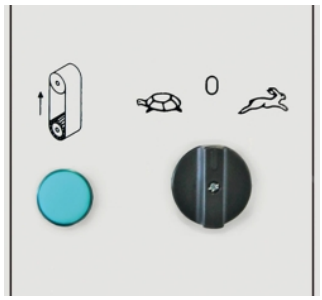
Standard Equipments



Tensioning of the abrasive belt



Low tension electrical panel



Double speeds motor



Electric motor with electronic brake

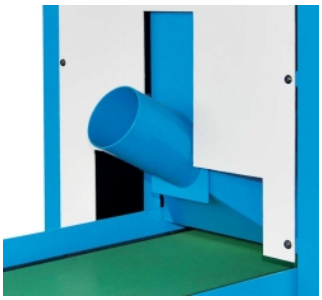


Adjustable feed speed
The conveyor belt is moved by a gearmotor with a mechanical variator to adjust the advancement speed of the parts from 1 to 10 m/min.



Thick reader
The position indicator with centesimal sensitivity (0.01 mm) is necessary for a precise adjustment of the grinding pass as well as useful for adjusting the height of the machine based on the thickness of the part to be processed. When the thickness changes, it is necessary to act on the handwheel that performs the movement of the grinding unit with respect to the conveyor belt.

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Suction hood with 1 suction mouth



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.



Rubberized and grooved contact wheel
The rubberized contact wheel is grooved (hardness 60 Shore) for better traction of the abrasive belt and greater removal of the workpiece material. Before being mounted in the machine it is grinded on grinding machine for a homogeneous rotation and better processing at any cutting speed.

Abrasive belt



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.97**: **Inverter of speed adjustment of belt grinding unit**
Extra charge for the addition of the inverter for the electronic adjustment of the abrasive belt speed from 150 to 3000 rpm and of the electric panel equipped with potentiometer, digital display and electric panel cooling filters. The inverter allows the operator to adjust the grinding speed most suited of the type of material and of the finishing level to be obtained.



cod. **RUL.97**: **Roller table: module of 1,5 m**
Roller table of workpieces support at entrance and/or exit adjustable with four self-leveling feet. It is equipped with rubber coated rollers to avoid damaging the machined parts. It is complete with drainer to contain the coolant and return it to the tank in addition to keeping the working environment clean.



cod. **CODIV**: **Contact wheels with different rubberizing**
It is possible to mount different contact wheels into the machine according to the types of machining to be performed. We can supply smooth rubber wheels, grooved with different types of grooves, different hardness of rubber coating (Shore) as well as coatings in different materials (black vulcanized rubber, vulkollan etc.).



cod. **ASP.01-HP2**: **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/D-40**: **Abrasive belt**
Specific abrasive belt for wet working.Various grains: P36÷P400



cod. **148/D-60**: **Abrasive belt**
Specific abrasive belt for wet working.Various grains: P36÷P400



cod. **148/D-80**: **Abrasive belt**
Specific abrasive belt for wet working.Various grains: P36÷P400



cod. **149/C**: **'Scotch-brite' belt**
Specific 'Scotch-brite' belt for wet working. Various grains.

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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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