# ART.100

## Drill sharpening machine



Made in Italy

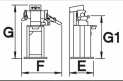
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| ART. 100 | AFFILAPUNTE Ø5÷35 + SMERIGLIATRICE<br>DRILLS SHARPENING + GRINDING M. Ø5÷35<br>AFFÛTEUSE DE FORÊTS Ø5÷35 + MEULE<br>SPIRALBOHRER UND SCHEIBENSCHLEIFM. |
|---|---|



Volt 400 kW 1,8






kg

| hp | Rpm | m/s | dB | E | F | G | G1 | kg |
|---|---|---|---|---|---|---|---|---|
| 2,5 | 1400<br>2800 | 15<br>30 | 70 | 650 | 950 | 1300 | 1030 | 110 |









OPTIONAL

| Arm A | α° | Ø mm | Nr. | Ø mm | IA-2 |
|---|---|---|---|---|---|
| Ø5÷35 | 118° | Ø200x25xØ20 | 1 | Ø200x40xØ20 | kW 0,55 |



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# General technical info

| | | |
|---|---|---|
| Power supply | 400 \| 50 \| 3 | Volt\|Hz\|Phase |
| Motor power | 1,9 - 1,1 ( 2,5 - 1,5 ) | kW ( hp ) |
| Motor speed | 2800 - 1400 | rpm |
| Acoustic emission | 70 | dB |
| Overall dimension (Width x Depth x Height) | 950 x 650 x H. 1300 | mm |
| Weight standard machine | 110 | kg |

## • Drill sharpener arm "A"

| | | |
|---|---|---|
| Drill diameter | 5 ÷ 35 | mm |
| Sharpening angle | 118 | ° |
| Cup grinding wheel dimension | ø 200 x 40 x ø 20 | mm |
| Peripheral speed | 30 - 15 | m/sec |

## • Grinder unit

| | | |
|---|---|---|
| Grinding wheel maximum external size | ø 200 | mm |
| Motor shaft diameter | ø 20 | mm |
| Grinding wheel maximum wide size | 25 | mm |
| Peripheral speed | 30 - 15 | m/sec |


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# Standard Equipments



**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.

**Base**
Strong base with anti-vibration rubbers at the base and a useful shelf for tools inside.

**Electrical panel**
Low voltage electric controls with padlock device integrated in the main electric switch.

**Electronic brake card**
Emergency stop with electronic motor braking with safety anti-reset function.

**Motor**
Motor 2 speeds



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**Trailing arm**
Trailing arm for sharpening twist drills with diameters between Ø5 to Ø35mm.Trailing arm adjustable in axial position, to maintain the minimum distance with the cup grinding wheel.Trailing arm adjustable along the side of the grinding wheel, in order to exploit the whole cutting surface.

**Locking accessories**
Locking and reducing steel flange for grinding wheel with spacers and clamping nuts.

**Support**
Plan special adjustable support according to the diameter of the grinding wheel.

**Disc grinding wheel**
Grinding wheel disc mounted on the machine ready for use.

**Grinder cover**
Cover with predisposition connection system with predisposition connection system.

**Anti-spark repair**
Transparent protection arrester with friction joint.


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# Optional Equipments



cod. **IA-2**: **DUST EXTRACTOR - TWO CONNECTIONS**
DUST EXTRACTOR kit with two suction mouth: complete of dust filter bag in flexible aluminum pipes and hose clamps. The extractor is mounted inside the base and wired to the electrical panel.TECHNICAL FEATURES- Motor: Volt 400 - Rpm 2800 - kW 0,55- Max flow rate: 1.000 m3 / h- Max total pressure: 85 mm H2O



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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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