


Technical characteristics

Power supply:	230 volt 50 Hz 1/N/PE AC 120 volt 60 Hz - by request
Single-phase motor:	180 W
Drive belt:	Poly-V/3-J
Water intake connector:	3/4" standard- white goods- with filter.
Maximum water pressure:	4 bar MAX
Water circulation pump:	15 watt - 230 V - magnetic drive [Optional]
Dimension (W x D x H):	180 x 299 x 178 mm
Weight:	7 kg
Dimensions with packing:	42 x 30 x 31 cm
Volume:	39 dm ³ [0,039 mc]
Gross weight:	11 kg
Environment compliance directive:	RoHS, WEEE

Possible changes without notice. The characteristics and performance features described are provided only for illustrative purposes and are not binding. The manufacturer reserves the right to make changes to fittings, style and performance without being subject to obligations of any kind.

The  compliance mark certifies the compliance of the product to applicable European directives and the application of the harmonized standards envisaged.



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H A N D E D G E R

HANDY

The right dimension

CE



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HANDY

Consistent with the R.O.M. s.a. manufacturing philosophy

System of freehand grinding without pattern (with anti-drag support).

Cooling for diamond wheel and lens with three different types of water supply.

Diamond wheel: diameter 110 mm, with large surface and water cooling for unrivalled performance: 2300 rpm

Powerful silent motor: 180 W

Extremely silent: sealed ball-bearing units fitted onto rubber anti-vibration mounts.

Driven with special lifelong maintenance-free Poly-V 3 ribs synthetic belt.

One-piece construction of injection-molded ABS plastic: maximum structural resistance and rigidity.

Attractive appearance with harmonious styling.

Upper cover in ABS with satin-finished stainless steel protection elements: light and corrosion-proof.

All elements in contact with water and other components: corrosion-proof.

Advanced electrical characteristics and performance.

Start/Stop with automatic electronic sensor (optional) that detects presence of operator's hand.

Adaptable: wheel can rotate intelligently in both directions to adapt itself to operator habits. Specific versions for all needs. Diamond wheels with different profiles and grain size available on request.

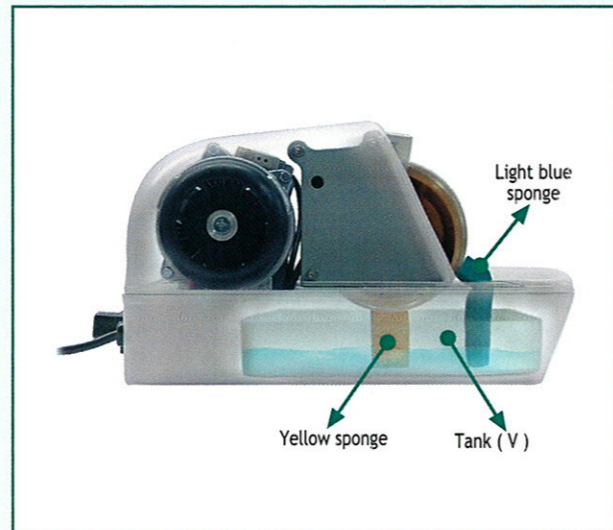
Identification of standard models: HANDY 20 - H20 - H30 - H34 models with automatic Start/Stop sensor: HANDY 20S - H20S - H30S - H34S

To all versions listed above the letter corresponding to water supply type must be added:

- V = tank
- E = solenoid valve
- P = pre-arranged for pump

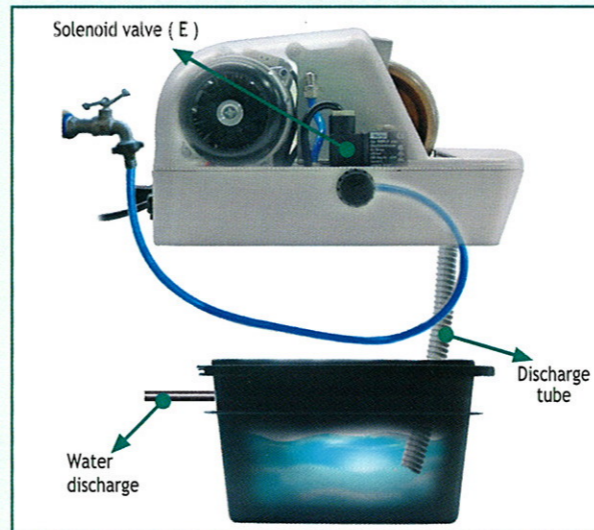
The numbers of HANDY version codes indicates the type of diamond wheel.

Cooling for diamond wheel and lens with three different types of water supply :



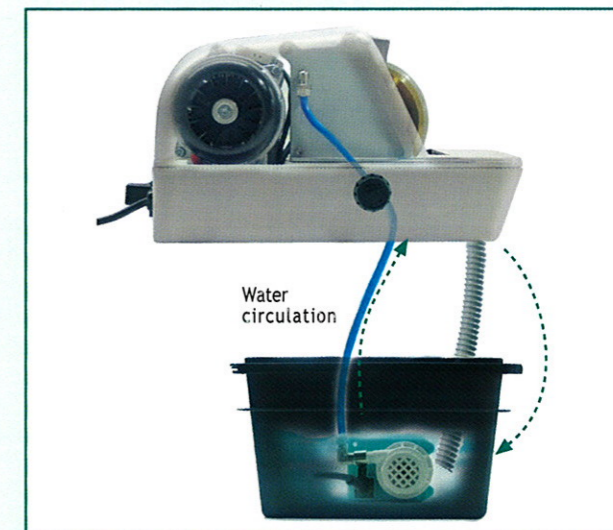
HANDY with Tank

The standard version of Handy is fitted with a container for water located inside the housing. This system makes HANDY highly versatile, as it can be moved anywhere quickly and without needing to make changes to supply points in your laboratory. This version is suitable for medium use of HANDY, and in particular for wheels with 20 and 30 mm width. Water is fed to the diamond wheel with sponges located inside the housing.



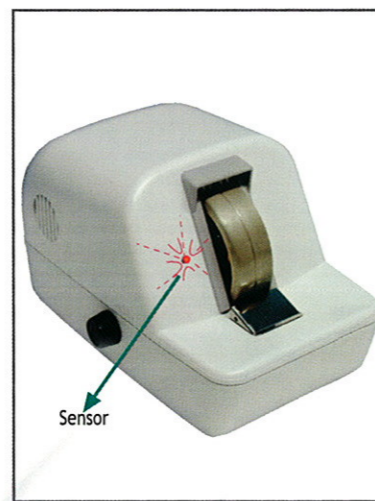
HANDY solenoid valve (E)

This version (optional) is fitted with a solenoid valve with flow regulator inside the grinder. For intense working cycles, this solution allows the best results to be obtained without occupying additional space and needing a constantly clean water supply. Particularly suitable for HANDY model with diamond wheel for roughing.



HANDY prearranged for pump (P)

This version (optional) features a pre-arranged connection for a closed-circuit electric pump. The special R.O.M.s.a. electric pump can be bought separately. The original R.O.M.s.a. electric pump includes a tank for water and the emery power, a flow regulator and filling and discharge tubes. Particularly suitable for HANDY model with diamond wheel for roughing.



Automatic Start/Stop (S)

This system, innovative for grinders in this sector, can be immediately appreciated for the way it simplifies the operator's work. Just turn on the grinder at the start of the working day, and HANDY will then operate only when needed. The sensor starts the diamond wheel immediately when the hands approach the grinder work area. When your work has been completed, HANDY will automatically stop after just a few seconds. The grinder will have a longer operating life, using only the power effectively required, and you can save while working in total safety. The system is optional and is available on all HANDY versions.



Diamond wheels

HANDY 20-20S

Finishing

Diamond wheel for:

- Finishing without chamfer

Width 20 mm
Diameter 110 mm

HANDY H34-H34S.(M)

Polish | Finishing

Diamond wheel for:

- Mirror polishing with chamfer
- Finishing

Width 34 mm - Polish 22 mm
Finishing 12 mm - Diameter 110 mm

HANDY H34F-H34S.(F)

Polish | Finishing

Diamond wheel for:

- Mirror polishing
- Finishing with chamfer

Larghezza 34 mm - Polish 15mm
Finishing 19mm - Diameter 110 mm

HANDY H20-H20S

Finishing

Diamond wheel for:

- Finishing with chamfer

Width 20 mm
Diameter 110 mm

HANDY H30-H30S

Finishing

Diamond wheel for:

- Mirror polishing

Width 30 mm
Diameter 110 mm

HANDY H34-H34S.(G)

Finishing | Roughing

Diamond wheel for:

- Roughing with chamfer
- Roughing

Width 34 mm - Finitura 22mm
Sgrassatura 12mm - Diameter 110 mm