

H A N D E D G E R

H A N D Y

The right dimension



R.O.M. *Il lavoro a regola d'arte*

Consistent with R.O.M. 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.

Standard models:

HANDY H30 - H34

Models with automatic Start/Stop sensor (S):

HANDY H30S - H34S

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

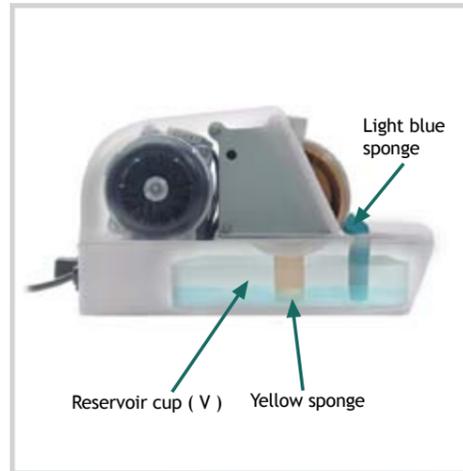
Water supply types:

V = reservoir cup

E = solenoid valve

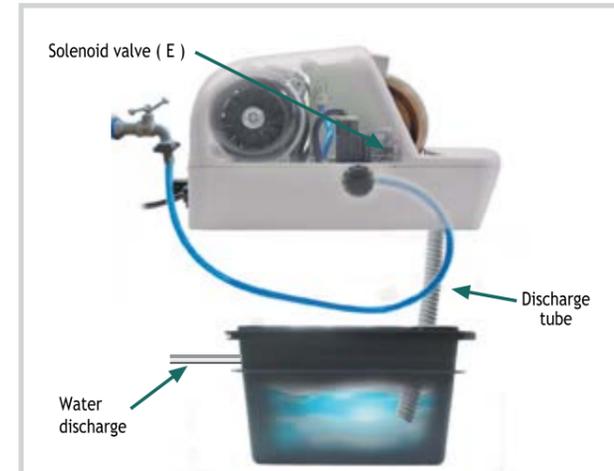
P = pre-arranged for pump

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



HANDY with reservoir cup (V)

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. This version is suitable for medium use of HANDY, and in particular for wheels with 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.

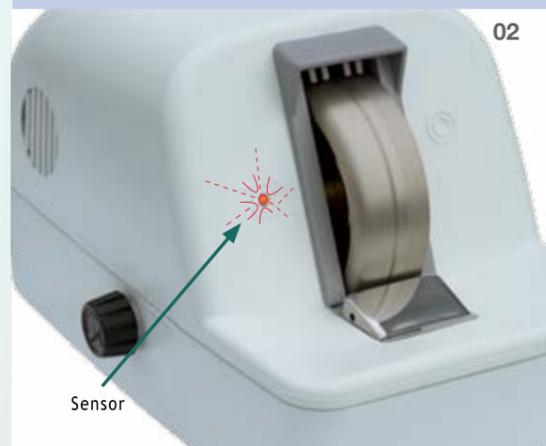


HANDY pre-arranged for pump (P)

This version (optional) features a pre-arranged connection for a closed-circuit electric pump. The special R.O.M. electric pump can be bought separately and 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.

02 - 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 H30 - H30S (S)

Finishing

Diamond wheel for: **Mirror polishing**

Width 30 mm
Diameter 110 mm

HANDY H34 - H43S (M)

Polish | Finishing

Diamond wheel for: **Mirror polishing with chamfer Finishing**

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

HANDY H34 - H34S (F)

Polish | Finishing

Diamond wheel for: **Mirror polishing Finishing with chamfer**

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

HANDY H34 - H34S (G)

Finishing | Roughing

Diamond wheel for: **Finishing with chamfer Roughing**

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

Bevel, polish | Flat, polish



01 - Polishing

HANDY can be fitted with a diamond wheel with a special grain size suitable for polishing flat or chamfered lens edges (only on HANDY 34 version).

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:	c3/4" 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:	Direttive RoHS, WEEE [RAEE]

CE 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.

Numero Verde
800-47 39 99



R.O.M. s.p.a. Ricerca Ottico Meccanica

Distributore esclusivo per Italia e RSM dei sistemi di molatura NIDEK
Distributore di strumenti per la refrazione NIDEK per ottici e laboratori

Strada delle Seriole, 14 Chiesanuova
47894 Repubblica di San Marino
Tel. 0549 99 95 58 Fax 0549 99 94 78
Ph. + 378 99 95 58 Fax +378 99 94 78

info@rom-nidek.com www.rom-nidek.com

