Operating Instructions



Polini

Polishing unit

• english •

Elma Schmidbauer GmbH Gottlieb-Daimler-Str. 17 D-78224 Singen Phone +49 (0)7731 / 882-0 Fax +49 (0)7731 / 882-266 info@elma-ultrasonic.com
www.elma-ultrasonic.com

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1 General

The present Operating Instructions are part of the delivered equipment. They must be ready for use at any time and remain with the unit in case of resale.

We reserve the right to carry out technical modifications on the unit due to advanced development.

An operating manual cannot take account of every conceivable use. An operating manual cannot take account of every possible use. Contact your dealer or the manufacturer for further information or in the event of problems which are not covered or not sufficiently covered in this operating manual.

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2 Important safety warnings



To be read before initial operation!

Intended use

This polishing machine Elma Polini is intended only for polishing metal items.

Transport damages

Check the unit and mains cable for transport damages. In case of visible damages do not put the unit into operation.

Mains connection



For safety reasons, this electrical appliance must be connected to a correctly grounded socket only. the technical details indicated on the nameplate must correspond with the available mains connection details, in particular those of the mains voltage.

Placement

Place the unit onto a stable surface. Keep the unit dry!

Rotary machine parts



Caution - risk of injury! Do not reach into rotating spindle or polishing wheel during operation. Keep away cloths and hairs from rotating machine parts when operating the polishing unit.

Prevention of electrical accidents

In order to prevent electrical accidents keep the working surface, the unit and the mains plug dry!



In case of damages on the Super Elite or the mains cable do not connect the unit to the mains!
The unit must be opened by authorized and specialized personnel only! Unplug the mains cable before opening the unit!

3 Product description

The reliable polishing unit for the service: powerful polishing with optimised dust collection system. Speed 2800 rpm.
The transparent cover can be folded up for polishing large pieces.

3.1 CE conformity

The present Elma Super Elite complies with the relevant CE criteria.

The declaration of conformity is available from the manufacturer.

3.2 Designation of the elements



A cover
B polishing tip
C gauze filter
D filter drawer
E screws
F appliance switch

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3.3 Technical details

Mains voltage (as per version) (Vac)	100-120 or 240-240
Mains frequency (Hz)	50 / 60
Operational connected loads (W)	140
Air Output (m^3/h)	370
Rotational Speed (rpm)	2800
External measurements W / D / H (mm)	410 x 290 x375
Weight (Kg)	12,3
Material of housing	Steel sheet painted

4 Putting into Operations

Preparation

Compare voltage on type-plate with the voltage in your workshop.

Place the unit onto a stable surface. Keep the unit dry!

polishing wheel installation

The polishing wheel is screwed onto the polishing tip in a clockwise direction until it has achieved the necessary tightness. Care should be taken that the polishing wheel does not wobble.

Equipment at electricity mains attach

Connect the equipment to the mains supply. The prescribed supply voltage can be taken from the name plate on the back of the machine.

Polishing engine switch on

Switch with the plug switch the engine on. The exhaust fan is switched on and off automatically by the switch.

If larger workpieces are being polished, the cover of polishing can be removed. See the section on MAINTENANCE.

5 Upkeep of the Machine

Cleaning

The appliance should be cleaned once a week. To allow easy cleaning of the machine, the cover on the polishing area can be removed. To do this, the two captive screws on the top left-hand side of the cover must be loosed. The cover can now easily be removed. The machine and the inside of the cover should be cleaned with a soft damp cloth. If they are very dirty, a mild cleaning agent can additionally be used. When it is being re-installed, the cover should be fitted on the casing and screwed tight with the captive bolts/screws.

Filter mat

If the output of the extractor decreases markedly, the filter mat must be changed. The filter is to be found in the filter drawer on the front right-hand side of the machine. To change the filter mat, the two screws are each turned a quarter rotation to the left and the filter drawer is pulled forward out of the machine. The old filter should be removed and the new filter inserted with the printed side down. By emptying the gauze filter that is located under the polishing wheel, gross detritus such as brush hairs, etc., can be removed.

Filter met information: the filter mat in use is a fine filter and is extremely well suited to screen out dust arising from the polishing process. The surface is adhesive with a degree of separation of 97% in accordance with DIN 24 185.
This filter mat is not washable.

Polishing wheel change

When the polishing wheel is being changed, the equipment should be switched off and the plug removed.

Motor

The polishing engine does not require any attendance.

Mains cable and mains connection

For your own safety, we recommend that you check the mains cable and the mains connection jack at the unit for damage at regular intervals.

Repair

There are no fuses in the machine.
In case of technical faults please contact your supplier or the manufacturer of the unit.

Opening by authorized specialized personnel only



DANGER

Repair and maintenance works which require the unit to be connected and opened must be carried out by authorized and specialized personnel only.

Separate the unit from the mains before opening up the housing. The manufacturer cannot be held responsible for any damage caused by unauthorized repair works.

In case of damage please contact the manufacturer or your supplier.

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6 Accessories

Filter Mat	order number	3 80 01 00 006
Polishing Tip	order number	3 80 01 00 015

7 Putting out of action and waste disposal



The unit can be taken to metal and electronics recycling stations or returned to the manufacturer.

8 Manufacturer's contact address

Elma Schmidbauer GmbH

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info@elma-ultrasonic.com

www.elma-ultrasonic.com

Do you have any queries or suggestions concerning the present unit, its operation or the Operating Instructions?
Please contact us, we will be glad to assist:

Technical Support

Phone +49 (0) 7731 / 882-280
Fax +49 (0) 7731 / 882-253
support@elma-ultrasonic.com

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