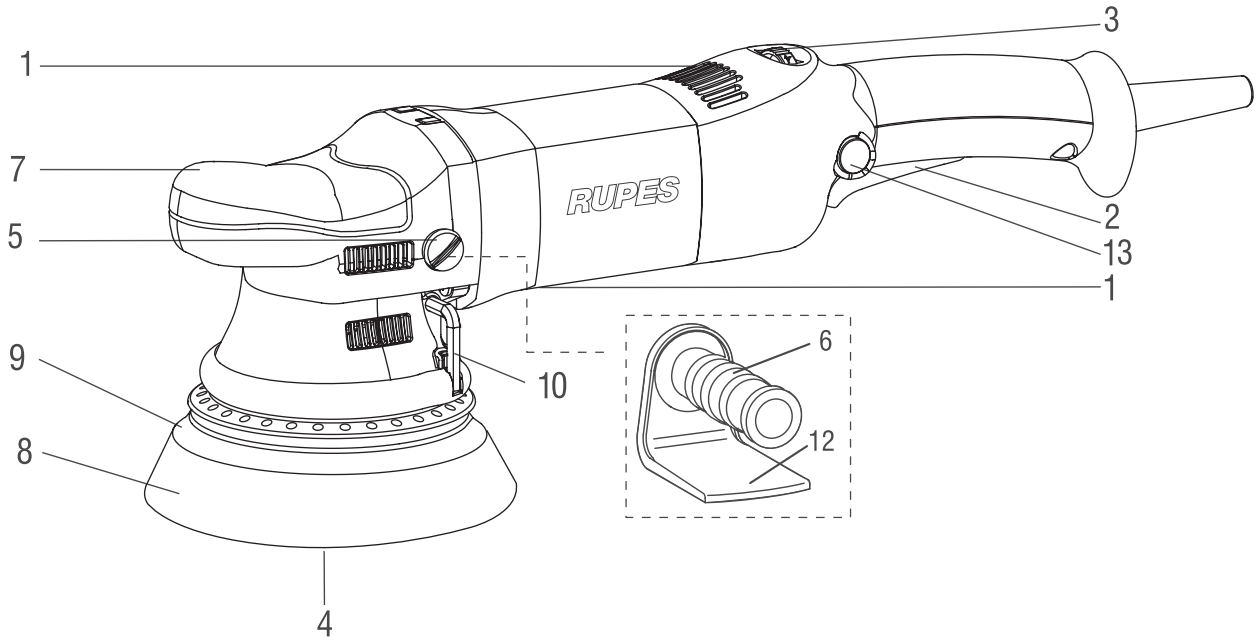
RUPES®

LHR21ES - LHR15ES

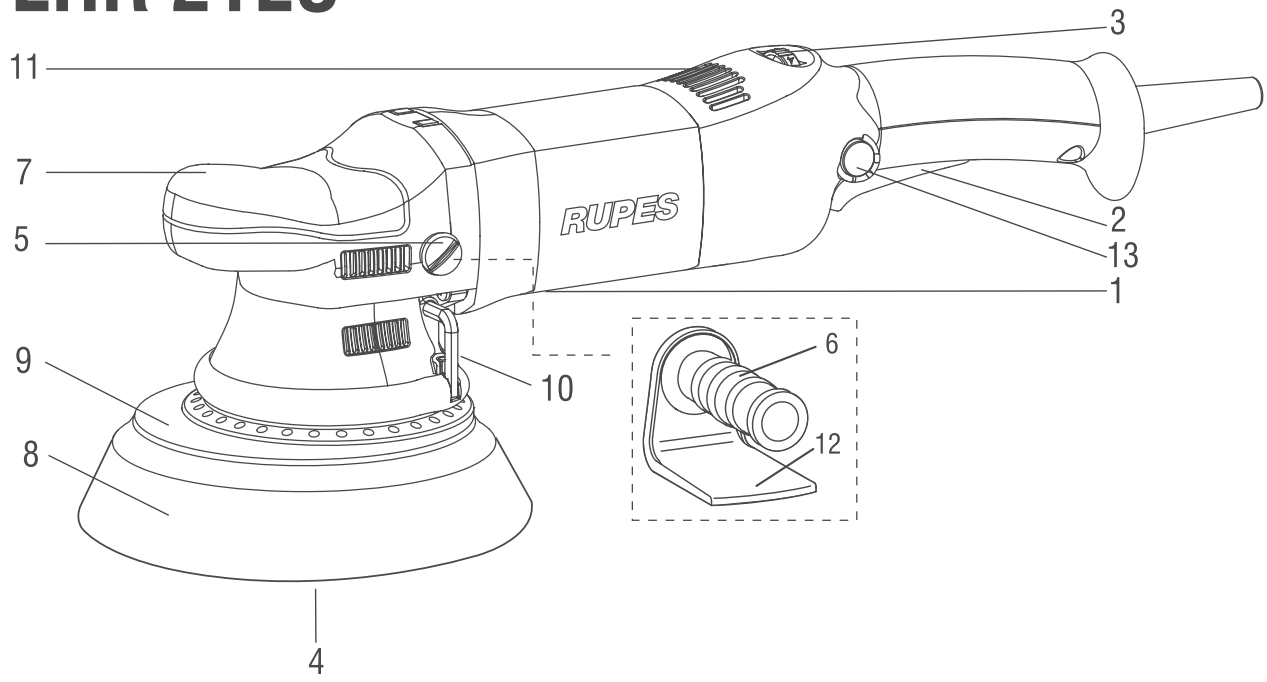
6 - GB Polisher

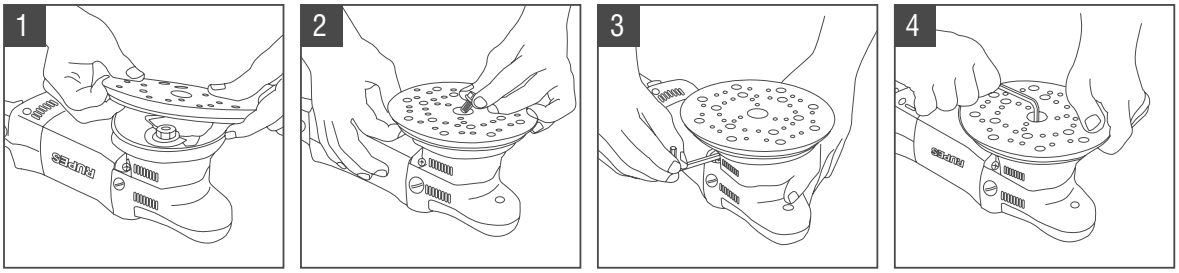
OPERATING AND MAINTENANCE INSTRUCTIONS

LHR 15ES



LHR 21ES





TECHNICAL SPECIFICATIONS

TYPE	LHR 21ES	LHR 15ES
Ø POLISHING FOAM mm	180	150
Ø BACKING PAD mm	150	125
Ø ORBIT mm	21	15
POWER	500	500
R.P.M.	2000 ÷4200	2000÷5000
WEIGHT	2,25	2,2
ELECTRONIC SPEED CONTROL	•	•
INSULATION CLASS	II	II

The values shown are based on a nominal voltage of 230V/50Hz. In the case of voltages and frequencies of different power values may vary. Refer to the label technical specifications to the nominal values of the tool.

PICTOGRAPH


Read the following instruction first before operating the product.


Important safety indications


Use personal protective equipment.


Double insulated tool.
INSULATION CLASS II

WARNINGS

The safety and accident prevention instructions are reported in the **"SAFETY INSTRUCTION"** booklet which is an integral part of these documents. This **operating instructions manual** indicates the additional information required for the specific use of the tool.

CORRECT USAGE

This tool is designed to be used as a polisher. Read all the warnings, instructions, indications provided on drawings and specifications supplied with this tool. Failure to comply with all the instructions provided below may cause electrical shocks, fire and/or serious injuries.

This tool is not intended to be used for smoothing, metal brushing and cutting operations. The use of this tool for unintended applications may cause hazards and injuries to people.

The tool must be used with accessories that have been specifically designed or recommended by the manufacturer. The fixing of the accessory to the tool does not guarantee a safe operation.

The rated speed of the accessories must be at least equivalent to the maximum speed specified on the tool. Using the accessories at speeds above the rated one, may cause them to break or be projected into the air.

The external diameter and thickness of the accessories must match the specifications of the tool. Accessories with incorrect dimensions cannot be adequately protected or controlled.

The configuration of accessories must match the tool. The use of accessories that cannot be perfectly fitted on the tool may result in imbalance, excessive vibrations and in the impossibility of controlling the tool.

Do not use damaged accessories. Before use, inspect all the accessories. Inspect the supporting pads and verify there are no cracks, tears or excessive wear. If the tool or accessory has fallen, verify that it is not damaged or install a new accessory. After inspecting or installing an accessory, test the operation of the tool at maximum speed and without load for one minute, keeping at a safety distance. If the accessories are damaged, they will break during this test.

SPECIFIC SAFETY WARNINGS

Verify that no loosened part of the polishing tool shroud or the locking ties can rotate freely. Safely position or cut all the loosened fixing wires. Loosened or revolving fixing wires may twist around the operator's fingers or get caught by the work piece being machined.

STARTING UP

Voltage and power frequency must match the data displayed on the identification plate (1). Make sure that tool is switched off before plug is connected.

TOOL ASSEMBLY

Position the cap (7) on the gearbox such that the holes for mounting the screws (9) are aligned with those on the gearbox.

ACCESSORIES ASSEMBLY

BACKING PAD

1. Place the disc pad (9) in the centre;
2. slightly turn the disc pad (9) until it is fixed to the screw;
3. tighten the disc pad fixing screw using the supplied disc pad Allen wrench (10). Do not tighten the disc pad if it is in the wrong position (fig.3).

POLISHING FOAM

Apply pressure on polishing pad to join pad to plate.

START AND STOPPING

- Starting: push the lever of the switch (2) towards the body of the tool; if the tool is to be locked in the ON position, press button (13) at the same time and keep it pressed while releasing lever (2), thus locking the switch.
- Stopping: release the lever of the switch or, if locked in position, push the lever to release the lock button.

The tool continues to rotate after it is turned off.

Do not empty the tool with the polishing pad still mounted. In this way, the polishing pad may be subject to lacerations

SELECTING RPM

The rpm can be adjusted by rotating the wheel (3). The choice of speed depends on the characteristics of the abrasive disc and the material to be worked.

ACCESSORIES DISASSEMBLY

BACKING PAD

Unscrew pad's (9) mounting screw using the wrench (10).

POLISHING FOAM

Remove the polishing foam used and apply the new one with pressing on the backing pad.

ALLOWED ACCESSORIES

LHR 21ES: polishing foam Ø 180 mm for backing pad Ø 150 mm.
LHR 15ES: polishing foam Ø 150 mm for backing pad Ø 125 mm.

NOISE EMISSION VALUES

Detected noise emission values comply with the following directives:
EN 60745-1

		LHR 21ES	LHR 15ES
SOUND PRESSURE LEVEL	dB(A)	77	77
SOUND POWER LEVEL	dB(A)	88	88
UNCERTAINTY	K	3	3


Use ear protection!

VIBRATION EMESSION VALUES

Detected vibration emission values comply with the following directives:
EN 60745-1

		LHR 21ES	LHR 15ES
3 AXIS VIBRATION LEVEL	m/s^2	2.7	2.7
UNCERTAINTY	K	1.7	1.5

Displayed emission values are comparative and are to be employed for a provisional assessment of the operator's risk exposure during the work period. Appropriate evaluation of work period must also include tool's idle and stop periods. These emission values represent the tool's main applications. If the tool is used for other applications, with other accessories, or if it does not undergo regular maintenance, emission values can significantly increase during operations.


Danger! The indicated measurements refer to new power tools. Daily usage causes the noise and vibration values to change.

MAINTENANCE

All maintenance operations are carried out with the power supply disconnected.
At the end of each work session, or when required, remove any dust from the body of the tool using a jet of compressed air, paying particular attention to the motor ventilation slots.
No other maintenance operations must be undertaken by the user.
Maintenance and cleaning of the inner parts, like brushes, ball bearings, gears etc. or others, must be carried out only by an authorized customer-service workshop.

DISPOSAL (WEEE DIRECTIVE)


At the end of its useful life, the product, pursuant to European Directive 2002/96/CE (WEEE) + 2003/108/CE and its implementation in national law, must not be released into the environment or thrown away as domestic waste, but must be disposed of at authorised recycling centres (contact the relevant local authorities for a list of places where the product may be disposed of according to the law). Disposing of the product correctly contributes to protecting human health and safeguarding the environment.
Any illegitimate disposal of the product will be punishable by law.

CONFORMITY DECLARATION

We declare on our responsibility that the represented tool is in conformity with the Essential Requirements of Safety of the following Directives:
2006/42/CE, 2006/95/CE, 2004/108/CE, 2011/65/CE.
The tests have been carried out in accordance with the European Harmonised Standar
EN 60745-1: 2010, EN 60745-2-4: 2009 + A1: 2011;
EN 55014-1: 2006 + A1: 2009 + A2: 2011;
EN 55014-2: 1997 + A1: 2001 + A2: 2008;
EN 61000-3-2: 2006 + A1: 2009 + A2: 2009;
EN 61000-3-3: 2008;
EN 62233: 2008.

RUPES S.p.A
THE PRESIDENT
M. Valentini

Vermezzo (MI), 31/05/2013

Technical file at:

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