

## Technical specifications

Model	LP 1503 VR
Power consumption	1,200 watts
Power output	700 watts
Speed	3,700 to 1,200 rpm
Tool fixture	19 mm dia.
	for A.C.

Please also refer to the pertinent regulations of your own employers' liability insurance association.

## LP 1503 VR

### Noise/vibration information

The typical weighted acceleration is  $2,5 \text{ m/s}^2$ .

Typically the A-weighted noise levels are: Sound pressure level: 87 db(A). Sound power level: 100 dB(A). Wear ear protection!

We have dedicated ourselves to the production of high-quality electric power tools. Flex electric power tools, regarded as perfect by the industrial community, are the result of decades of experience. Your machine went through a large number of tests and all of its components were closely examined. For machines used for their intended purpose we grant a 12-month guarantee. Excluded from the guarantee are all components subject to normal wear and tear. The guarantee does not cover unauthorized modification to the product or repair by an unauthorized technician during the guarantee period.

### Application

Machines for grinding, polishing, burnishing, brushing and structuring of metal surfaces, and removal of paint and rust on metal surfaces with special tools from FLEX.

### Setting to operation

After observing the following points insert the plug and start the machine.

- Voltage:** Voltage on the nameplate should be equal to the mains voltage.
- Fuses:** 220 V-circuit protected with 16 A fuse, 110 V-circuit protected with 30 A fuse,
- Switches:** Machine is off, when lever switch in "0" position.
- Tools:** Only use tools offered by FLEX. Assemblage: Slide the tool onto the shaft and tighten the cylinder scREW inserted into the washer with the Allen wrench incorporated into the handle. Always use a feather key!
- For tools and/or tool kits with total widths less than 100 mm use distance plate kit 250.522.

# LP 1530 - Surface Finisher Operating Manual

After mounting grinding discs onto the machine you should first give the machine a trial run at idle speed. During this time the danger zone should not be entered. Wear safety goggles. Only use tools and accessories recommended by FLEX.

**Protective hood:** Always use a protective hood!

### Safety guideline:

When attending to the machine make sure that the power plug is disconnected from the mains.

### Maintenance

#### Carbon brushes:

Carbon brushes may only wear down to the white reference mark. **You may only use spare carbon brushes from FLEX. The guarantee liability is rendered void** by the use of unauthorized carbon brushes.

You can observe the brush sparking through the air inlet louver. If strong brush sparking develops within the machine turn it off immediately.

To avoid any extensive damages to the machine, it is advisable to send it to one of our authorized workshops.

#### Cleaning:

Always keep the machine and the ventilation slots clean for proper and safe working. In extreme working conditions, conductive dust can accumulate in the interior of the machine when working with metal. The protective insulation of the machine can be degraded. The use of a stationary extraction system is recommended in such cases as well as the frequent blowing out of the ventilation slots and the installation of a residual current circuit breaker.

#### Transmission:

The screws on the transmission head may not be loosened during the guarantee period, otherwise our guarantee liability is rendered void. After approx. 1,000 working hours the unit should be relubricated by a FLEX service center and examined with respect to its compliance with the pertinent safety regulations.

**WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities** contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

**Save these instructions**