

Bona FlexiSand 1.5

Technical data sheet

Sanding



Bona FlexiSand 1.5 is a powerful and flexible machine that can be equipped with many sorts of drive plates for a wide variety of floor preparation jobs. With its powerful 1,5 kW motor and robust construction it runs smooth and cool even when under heavy load. Bona FlexiSand 1.5 is prepared for the Bona Power Drive, a unique drive plate that allows powerful, direction-free sanding to bare wood.

- Powerful, single speed motor
- Easy and ergonomic operation
- Foldable handle for minimum space when transported
- Big wheels for easy transportation
- Connects with the Bona DCS70 for dust-free sanding
- Prepared for the Bona Power Drive

Technical data

Motor type:	1 phase
Voltage (+/- 5%):	230 V ~
Frequency:	50 Hz
Power:	1,5 kW
Rated current:	8,5A
Safety devices	10A overload switch (manual reset), thermal protection in the motor (automatic reset)
Recommended fuse:	10A
Abrasive disc speed: (unloaded)	147 rpm.
Total weight:	45kg
Diameter of disc:	407mm (16")
Height/Width/Depth	1170mm/ 490mm/ 640mm

For further technical data see the machine manual.

Drive plates

Before use, a drive plate has to be attached to the machine. Several different types of drive plates exist for different types of sanding jobs. The most versatile drive plate, the Bona Pad Drive, is included on delivery. To mount a drive plate, tip the machine backwards and place the drive plate towards the center axle underneath the FlexiSand 1.5. Turn the drive plate counterclockwise until it attaches and locks. For mounting the Bona Power Drive, see separate instruction for Power Drive.

	Article	Application	Recommended abrasives/equipment
	Bona Pad Drive, 16" Standard, included on delivery Art. nr. ASO312501	Standard drive plate for a wide variety of jobs. Equip with a suitable pad for cleaning, oiling, buffing and fine sanding of untreated and treated wood.	Bona Nylon Pads Bona Screen Bona Scrad System Bona WoolPad Bona Cloths
	Bona Power Drive 4 x 150 mm Art. nr. ASO312540	Geared drive plate for powerful bare wood sanding. Removes old lacquer and paint coatings while flattening the surface for a perfectly smooth finish.	Bona 8700 Abrasives Bona 8300 Abrasives Bona Diamond Abrasives Bona Intermediate Pads
	Bona Quattro Disc 4 x 150 mm Art. nr. ASO312530	Fine sanding of wooden floors. Suitable as a final finish after belt sanding.	Bona 8300 Abrasives Bona Diamond Abrasives Bona Intermediate Pads

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	Bona Multi Disc 6 x 125 mm Art. nr. ASO312520	Fine sanding of wooden floors. Suitable as a final finish after belt sanding.	Bona 8300 Abrasives Bona Diamond Abrasives Bona Intermediate Pads
	Bona PCD Disc 5 segments included Art. nr. ASO312560	For removing residue from concrete and other hard surfaces. Effective for removal of old adhesive, carpet foam backing, epoxy, paint etc.	PCD segments
	Bona Diamond Disc 5 segments included Art. nr. ASO 312550	For removing sinter layers from screeds, leveling compounds and concrete. Can also be used for smoothing the surface after using a PCD Disc.	Diamond segments

Directions for use

Carefully read through the entire machine manual and observe the safety instructions before using this machine.

When used for sanding, the vacuum hose and the vacuum ring should be attached to the machine. Any vacuum unit can be attached, but for optimal dust collection, connect the Bona DCS 70. Sanding can be done in a variety of ways, using different drive plates and sanding agents.

Before you start the machine, lower the handles as much as possible to a comfortable working position. Start the machine.

To control the machine, lift or lower the handle in small steps. Pressing the handle lightly downwards will place more weight on the back of the disc which will move the machine to the left. Lift the handle slightly and the machine will move to the right.

If new to this type of machine we strongly recommend to acquaint yourself with the machine by using it together with a non-abrasive white nylon pad. Once you have a feel for how the machine behaves you can proceed with mounting abrasives.

Sanding can be done in any direction but work systematically to ensure a consistent and even sanding. For wooden floors we recommend to sand crosswise, first across the wood grain and then along.

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