



Bona FlexiSand 1.9

Sanding machine for rotary sanding

Superior flexibility and power in floor sanding and floor care

The Bona FlexiSand is a versatile multi-directional disc sanding system that delivers exceptional power, providing powerful rotary sanding to bare wood, and can significantly reduce your edging time. The Bona FlexiSand delivers an amazingly fine and smooth sanding result whilst minimizing the risk of drum marks or chatter.

The Bona FlexiSand is now available with additional features to make the sanding experience even easier. An integrated backlit multimeter gives you a direct reading of the local voltage conditions and the total hours of operation. At the base of the handle a kickstand can be folded down to allow the machine, when fitted with a Bona PowerDrive or other drive plates, to be lowered without damaging abrasives, wire brushes, etc. A new single 11 Kg weight, held in place by magnets, is now available to be used with coarse abrasives to give greater sanding power. The LED light bar is plugged into the machine and sits above the motor to give 360° of light directly to the floor. These additional features are also compatible with older Bona FlexiSand 1.9 models.

- Easy and ergonomic operation
- Dust containment ready
- Foldable handle for minimum space when transported.
- Big wheels for easy transportation
- Power outlet (socket) for accessories
- Compatible with Bona Power Drive systems and accessories
- Effective screed / concrete preparation with Bona Concrete Disc



TECHNICAL DATA

- | | |
|-----------------------------------|--|
| • Motor type: | 1 phase |
| • Voltage (+/- 5%): | 230 V ~ |
| • Frequency: | 50 Hz |
| • Power: | 1,9 kW |
| • Rated current: | 11 A |
| • Safety devices | 16 A overload switch (manual reset)
Thermal protection in the motor (automatic reset) |
| • Recommended fuse: | 16 A |
| • Abrasive disc speed (unloaded): | 147 rpm. |
| • Total weight: | 50 kg (61 Kg with 11 kg optional weight) |
| • Disc diameter: | 407 mm (16") |
| • Height / Width / Depth | 1170 mm / 490 mm / 640 mm |



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ACCESSORIES

Before use, a drive plate must 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 with the Bona FlexiSand.

To mount a drive plate, tip the machine backwards and connect the drive plate onto the centre axle. Turn the drive plate counterclockwise until it attaches and locks into place.

	Article	Application	Recommended abrasives / equipment
	Bona Pad Drive – 406 mm. Included with machine Art. No. ASO 312501	Standard drive plate for a wide variety of jobs. Use with a suitable pad / cloth for cleaning, oiling, buffing and fine sanding of untreated & treated wood.	Bona Nylon Pads Bona Screen Bona Scrad System Bona WoolPad Bona Cotton Cloths
	Bona Power Drive 4 x 150 mm discs Art. No. ASK 3199940997	Geared drive plate for powerful bare wood sanding used with 150 mm sanding discs. 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 Power Drive Connect 4 x 150 mm discs Art. No. ASK 3199942981	The flexible Bona Power Drive Connect system makes it possible to change between traditional sanding discs, specially developed brushes and other accessories with a simple click attachment.	Bona 8700 ,8600 Abrasives Bona 8300 Abrasives Connect Sanding Disc Connect Metal Brush Connect Nylon Brush
	Power Drive Connect Sanding Disc Art. No. ASK 3199940991	Disc for mounting Velcro abrasive discs	Power Drive Connect
	Power Drive Connect Metal Brush Art. No. ASK 3199941030	First step in a brushing sequence, for aggressive brushing	Power Drive Connect
	Power Drive Connect Nylon Brush Art. No. ASK 3199941020	Second step in a brushing sequence, smooths and flattens the surface and removes scratches.	Power Drive Connect
	Connect Diamond Blades Art. No. ASK 4099941643	For high sanding performance on resilient flooring and low heat generation. Can replace the need for chemical stripping.	Power Drive Connect
	Connect Nylon Brush – Resilient Art. No. ASK 3199941040	For deep cleaning or stripping of coatings from resilient flooring, particularly studded rubber flooring or other structured surfaces.	Power Drive Connect



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	<p>Bona Quattro Disc 4 x 150 mm discs</p> <p>Art. No. ASO 312530</p>	<p>Fine sanding of wooden floors.</p> <p>Suitable as a final finish after belt sanding.</p>	<p>Bona 8600/8300 Abrasives Bona Diamond Abrasives Bona Intermediate Pads Bona Fiber Pads</p>
	<p>Bona Multi Disc 6 x 125 mm discs</p> <p>Art. No. ASO 312520</p>	<p>Fine sanding of wooden floors.</p> <p>Suitable as a final finish after belt sanding.</p>	<p>Bona 8300 Abrasives Bona Diamond Abrasives Bona Intermediate Pads</p>
	<p>Bona Concrete Disc</p> <p>Art. No. ASO 312570</p>	<p>Drive plate for grinding segments.</p>	<p>Diamond Segment PCD Split Segment PCD Maxi segment</p>
	<p>PCD Split segments (Set of 4)</p> <p>Art. No. ASO 312582</p>	<p>Removes paint and thin layers of glue</p>	<p>Concrete Disc accessory</p>
	<p>PCD Maxi segments (Set of 4)</p> <p>Art. No. ASO 312581</p>	<p>Aggressive sanding.</p> <p>Suitable for removal of adhesive residues, epoxy, carpet foam and paint</p>	<p>Concrete Disc accessory</p>
	<p>Diamond segments (Set of 4)</p> <p>Art. No. ASO 3125711</p>	<p>Medium and hard concrete floor preparation.</p> <p>Long lasting diamond coated sanding surface</p>	<p>Concrete Disc accessory</p>
	<p>Kickstand</p> <p>Art. No. ASK 3199940061</p>	<p>Protects discs and floor surface.</p> <p>Safer handling with no pressure on plates</p>	<p>FlexiSand accessory</p>
	<p>LED Lamp</p> <p>Art. No. ASK 3199944000</p>	<p>360° of light directly to the floor</p>	<p>FlexiSand accessory</p>
	<p>Extra weight 11 kg</p> <p>Art. No. ASK 3199940015</p>	<p>11 Kg weight, held in place by a magnet fixing system. Use with coarse abrasives to give greater sanding power.</p>	<p>FlexiSand accessory</p>

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



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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 or Bona DCS 50.

The Bona FlexiSand can be used in a variety of ways, with different drive plates and sanding / abrasive materials, as well as cleaning, oiling and staining materials.

Below are suggestions for sanding sequences to achieve surfaces suitable for various coating and colouring applications.

BONA WOOD SANDING SEQUENCES



SPEED



STANDARD



COLOUR



TEXTURED SURFACE



FOR EXTRA TOUGH SURFACES



The Bona Diamond Sanding Plates are designed for high-efficiency removal of tough lacquers and stubborn adhesive residue, as well as for leveling uneven wood floors. Use prior to the standard sanding sequence when coarse sanding is needed.