



The Power of Flexibility

FlexiSand 1.9 and PowerDrive Connect

Bona®

Bona FlexiSand 1.9

Rotary performance with maximum flexibility

The Bona FlexiSand 1.9 is a powerful rotary machine that can be equipped with different drive plates for a variety of floor preparation jobs including sanding to bare timber, fine sanding, concrete grinding, application of oil or stain and even for cleaning. The FlexiSand 1.9 provides a faster, better, more aggressive sanding technique, increasing the profit margin on jobs and in some situations removing the need for belt sanding. The range of discs and base plates also enables the flexibility of concrete grinding and removing layers of glue. With its powerful 1.9kw motor and robust construction the FlexiSand runs smoothly and remains cool even when under heavy load. The FlexiSand 1.9 is designed for use with the Bona PowerDrive, a unique drive plate that allows powerful direction-free sanding.

For most sanding jobs the FlexiSand 1.9 & PowerDrive combination together with Bona ceramic abrasives will give an excellent result. However, sometimes adding extra weight to the machine provides quicker and more efficient sanding. The FlexiSand 1.9 is available with two optional 7kg weights which can be easily attached and removed. For coarse sanding on difficult surfaces both weights can be used. For medium sanding, only a single weight is required. For fine sanding, no extra weights are recommended. The weights can also be used with the Bona concrete disc.

The Bona FlexiSand 1.9 can be used with any dust collection system, however for 99.9% dust reduction the FlexiSand 1.9 is recommended for use with the Bona DCS 70.

Power	1.9kw / 2.5 hp
Rpm	147
Weight	50kg (2 x optional 7kg weights available)
Height / Width / Depth	1170mm / 490mm / 640mm
Disc size	407mm

Key Features

- Powerful single speed motor
- Easy and ergonomic operation
- Flexible use for multiple applications
- Concrete grinding with the Bona Concrete Disc
- Big wheels for easy transportation
- Foldable handle for compact storage and transport
- Comes set up for Bona PowerDrive



Pad Drive Plate

407mm drive plate included with FlexiSand 1.9

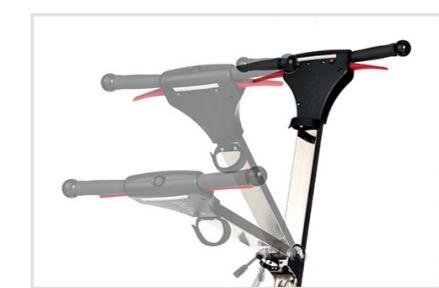
- For buffing, cleaning and abrading
- Use with various pads, screens, abrasives or Bona Scrad System
- Attach Bona cloths for applying stains



Large wheels for easy manoeuvrability



Powerful LED headlamp option



Folding handle for compact storage



Optional 7kg attachable weights

Bona PowerDrive with Connect System

The Bona PowerDrive Connect is a unique drive plate which mounts onto the FlexiSand 1.9. It has four gear-driven cogs for unsurpassed powerful rotary sanding, delivering true direction-free sanding and replacing the need for conventional belt sanding in many instances. Rotary sanding with the PowerDrive Connect provides ease of use and manoeuvrability in confined spaces. When used with the ErgoEdge Discs, the Bona PowerDrive Connect sands so close to the wall or skirting the need to use an edger is reduced by up to 90%.

The click-on Connect System makes it quick and easy to switch between traditional Sanding Discs, ErgoEdge and Diamond Discs or specially-developed brushes to achieve wire brushed floors with stunning textures.

Compatible with	Bona FlexiSand 1.9
No. of discs	4
Disc diameter	150mm or 178mm
Weight	6.7kg
Dimensions:	410mm diameter

Key Features

- Powerful, direction-free sanding
- Cogged system for maximum power
- Click-on Connect mounts
- Greatly reduces edge sanding time
- Ultra-flat sanding
- No risk of drum and edger marks
- Flexible use with Sanding Discs, Wire Brushes, Diamond Discs & Ergo Edge System



Four gear-driven cogs give unsurpassed power and direction-free sanding

The Flexibility of Click-On Connect System

Quickly and easily switch between Sanding Discs, Wire Brushes, ErgoEdge and Diamond Discs.



Simple, quick, click-on 'Connect'

Bona ErgoEdge saves time and your body

Edge sanding is an integral part of the sanding process, but is time consuming and strenuous. The Bona ErgoEdge system reduces the hours spent bending over and crouching on knees by up to 70%. With specially developed flexible, conical shaped discs (patent pending) the ErgoEdge system sands within millimetres of walls and skirting boards, reducing the floor area requiring use of an edger by up to 90%.

The Bona ErgoEdge system is a revelation in fast, upright edge sanding with optimal control. ErgoEdge discs are designed to mount on the Bona PowerDrive Connect and attach to the Bona FlexiSand 1.9 for maximum power and performance. For safety, the Wall Distance Wheel prevents damage to skirting boards. Transform edge sanding into an 'ergonomic' sanding experience that you can enjoy with the Bona ErgoEdge.

Compatible with	PowerDrive Connect Plate
No. of discs	4
Disc diameter	178mm

Key Features

- Closer to the wall with 178mm discs
- Ergonomic upright edge sanding
- Special flexible disc design
- Wide reach & faster sanding
- More aggressive & efficient sanding



Pads are securely fastened with click-on Connect System

Wall Distance Wheel prevents damage to skirting & walls

ErgoEdge Kit Includes

- 4 Flexible drive plates for working closer to the wall
- 4 Intermediate pads to enable better performance
- Non-marking distance wheel to set proximity to the wall



Wall distance wheel maintains correct distance & prevents damage to skirting boards or walls



Reduces time spent crouching or kneeling, allowing for an ergonomic working process



Wider 178 mm discs reach all the way to the edge of the skirt

Diamond Plate Discs

Diamond Sanding Plate Discs are designed for the removal of hard lacquers, Black Japan and adhesive residues, as well as for flattening uneven hardwood floors. Use as a first step prior to the standard sanding sequence when extra coarse sanding is needed. The design of the diamond segments counteracts clogging and ensures a sustained high removal rate. The 150mm discs are designed to be used with the Bona FlexiSand 1.9 equipped with a PowerDrive Connect or PowerDrive. They can also be fitted on hand-held machines.

Compatible with PowerDrive, PowerDrive Connect, other hand-held machines

Diameter 150mm

Grit: 30, 70

Key Features

- Minimal clogging
- Removal of hard lacquer
- Flattening uneven hard wood floors
- Removal of tough materials such as adhesives
- Removes residues, Black Japan, etc.



G 30



G 70

Bona Concrete Disc

The Bona Concrete Disc is designed to enable contractors with a Bona FlexiSand to prepare concrete surfaces. The concrete disc comprises a drive plate and a choice of 3 different cutting segments which can be fitted to allow substrates to be cleaned and prepared for the installation of flooring. The cutting segments are easily attached using a simple magnetic fitting system. Choose between Diamond, PCD Split or PCD Maxi segments for different jobs such as removing adhesive and residue from concrete slab surfaces.

Compatible with Bona FlexiSand 1.9

Diameter 405mm

No. of cutting segments 4 (110 mm triangular shape)

Weight 5.3kg



Key Features

- 405mm drive plate connects to Bona FlexiSand 1.9
- 3 cutting segments for different types of concrete preparation
- Easy, magnetic attachment of cutting segments

Concrete Disc Cutting Segments

Diamond Segment

Designed to be used primarily to clean and prepare concrete.



PCD Split Segment

Designed to remove residues and thin layers of adhesive, paint and other coatings



PCD Maxi Segment

Designed to remove thick layers of adhesive, epoxy coatings and softer deposits from the subfloor. The PCD Maxi Segment should be installed with the cutting edge in the same direction as the machine's rotation.



Concrete preparation

Better Floors, in less time...

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The real strength with the PowerDrive is you can jump into passages, pantries, kitchens and other tight spaces without the need for a belt machine. And the time spent edging is reduced enormously. When it's hooked up to the Bona DCS 70, the dust pick up is amazing.

Doug Spinks - Spinks Timber Floors (Gippsland, VIC)

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The FlexiSand is the most versatile machine we have. It often replaces the need for the belt machine. On cupped floors, we do one pass with the Bona Belt machine and then it's straight on to the PowerDrive.

Anders Hagberg - Skandi Flooring (Central Coast, NSW)

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You walk away from the job knowing the edges are flat, the floor is flat and the quality of the finished floor is going to be great. It's so easy to use, you can put your apprentice on the PowerDrive and know that they just can't make a mistake with it.

Shaun Furminger - Shaun's Floors (Geelong, VIC)

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I use the FlexiSand to grind concrete before I install, sand timber, apply oil and wax and to cut back between coats. I'm ecstatic about this machine. It made me fall in love with floor sanding again.

Paul Sienicki - Polwood Flooring (Adelaide, SA)

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I only use my belt machine on the first cut, then I shift straight onto the PowerDrive. It sands so close to the shirting boards, the time I save on edging is amazing.

Dimi Loumakis - Valley Cottage Flooring (Perth, WA)

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This machine is brilliant on parquetry and especially good for prepping old floors. In hallways and kitchens I don't need the belt machine at all. I just use the PowerDrive. It cuts down edging and provides the best surface for a great finish.

Michael Law - Coastwide Floorsanding & Finishing (Sunshine Coast, QLD)

For more user reviews & testimonials visit bona.com.au

Boost your business with dust-free sanding

Using the Bona FlexiSand 1.9 with the DCS 70 dust containment system guarantees 99.99% dust-free sanding. This will boost your business by ensuring a dust-free environment and eliminating the health risks for you and your customers. The Bona DCS 70 is the industry leading vacuum unit and is classified to the highest possible European 'H' standard (EN 603395-2-6) for collection of wood dust, which is a known carcinogen and can cause serious respiratory illness. There is simply no option other than being connected to an effective dust containment system like the Bona DCS 70. It will transform your working experience.

Weight	43kg
Dimensions	800 x 600 x 1200mm
Collection capacity	Approx. 70 litres
Motor	1400W, 230V, 5A
Air flow	235 cubic metres per hour
Coarse filter	Conical folded polyester filter, 1.0m ²
Filtration	Class H (99.995%) EN 603395-2-6
Length of hose	7.5 metres

Key Features

- H-Classified in accordance with EN 603395-2-6
- Complies with the world's strictest workplace regulations
- Totally sealed system – unique seamless bag system
- No dust can escape when changing dust bag
- 2 step cyclonic separation and 2 stage filter system
- Robust, high quality machine for professional use
- Compatible with all Bona sanding machines



For more information on how the FlexiSand 1.9 & PowerDrive can help your business visit bona.com.au or call 1300 882 806