

Bona Buffer

Technical DataSheet

Sanding



Single disc sander, the buffer, the rotary machine... This type of machine has a lot of different names and maybe even more areas of use. But for the floor sander it is usually used for sanding between coats, sanding after the last belt sanding, distributing oil, polishing oiled surfaces, etc.

From originally being a cleaning machine the **Bona Buffer** has been adapted more for our type of work. The changes include such things as different types of mounting plates, vacuum system and power/rpm adaptation.

A good machine and a true member of the Bona family.

- Simply constructed and simple to use.
- A rotating plate inside a cast aluminium body, driven by a powerful motor.
- Handles and shaft fully adjustable in height to meet the needs of all users.
- Different mounting plates allowing the machine to be used for many different areas of use.

The asymmetrical mounted motor gives the Buffer perfect balance, whilst preventing the torque from the motor causing undesired pressure on the handles. A powerful vacuum, the Bona S20 Vac, removes dust very efficiently.

With perfect balance and ergonomically correct working position; almost anybody can use a Buffer after a couple of minutes' practice.

Areas of use

For sanding wooden floors, cutting back between coats, sand and recoat, distributing and polishing floor oil, and cleaning applications.

Features

- Easily connects to Bona S20 vacuum unit.
- A tight sealing ring between machine and floor.
- Strong fold-away carrying handle in the front.
- Fully adjustable handle height.
- Asymmetrical placed motor for perfect balance.
- Sturdy transport wheels.
- A variation of different 'quick-change' mounting plates for different jobs

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- 6-terminal motor with reinforced torque
- 1600 W/230V
- 120 rpm
- 440 mm wide
- 380 mm mounting plate
- 330 mm high
- 12,5 m cable
- 33 kg

For further technical data, please see the machine manual

Treatment schedule

When used for sanding, the vacuum unit and the vacuum ring should be attached to the machine.

Sanding can be done in a variety of ways, using different sanding products.

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 handles just a little bit. Then the machine will move itself right or left (up takes the machine right and down left).



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When sanding a wooden floor with a Buffer you don't have to think about working in any particular direction. Forward, backward, left, right, it is all up to you. However to ensure that you don't miss any areas or sand some areas more it is often sensible to try to have a methodical pattern. First one direction across the room and then follow the other direction.

Remember that the coarser grit you are using, the harder it is to control the machine. To get a feel for the machine it can be helpful to try the first time with a white pad and no sanding disc.

A **Bona Scrad** is attached beneath a nylon pad onto the mounting plate with its Scrad Wing secured on the underside.

A **screen** is best secured to the mounting plate via a pad. Put the screen on the floor, over that a pad and on top the mounting plate.

The **4D** plate needs four 150 mm sanding discs, screens or pads and works just like the normal plate. Place the Buffer with the centre of the machine housing on top of the plate and start the machine for a second. The connection will then grip into the plate's centre hole.

Cleaning

For cleaning, use a pad, choosing the right colour depending on the task, and remember, use very little water on wooden floors.

Oil

When buffing in oil, or polishing, remember to always follow the manufacturer's recommendations.

After the oil is buffed in with a pad and the proper time has passed, wrap a rag or a cloth around a clean pad and start polishing the floor surface until the desired result is obtained.

Warning: Risk of self-ignition. Used cloths, rags and similar should be placed in water or sealed metal containers.

Advice

If you are not experienced, start the first time with a white pad attached, on a smooth surface. The friction is lower and the machine is easier to control. The lower the handles are, the easier the machine is to control.

Always remember to clean the underside of the machine after working with oil. Material which remains on the underside of the machine may contaminate the surface of the next floor which is worked upon. For example, oil residue on the surface of a floor may affect the adhesion of a finish application.

The cable must always be kept clean, undamaged and stored on the shaft when not in use. If an earth circuit breaker is used, plug it into the wall socket, so it protects both cable and machine.

The high speed plate is normally used for the Duo machine, on the high setting. The centre piece of the plate is surrounded with a rubber joint, which prevents the machine from "wobbling" during high speed use.

Inside the handle there is a steel ball. You can hear it rattle when you shake it. This is normal. The ball is there to prevent the machine from being started when the handle is in an upright position.

Remember that the handle must be assembled in correct position, cable inlet pointing backwards, otherwise the ball will prevent all starting attempts.

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