

Bona Edge

Technical data sheet

Sanding



The **Bona Edge** is an extremely strong edge sander although it is lightweight. It can be fitted with 'holed-discs' or Velcro-backed discs. It also picks up dust better than any other edge sander on the market. For the contractor's convenience the Bona Edge has illumination and is also easy to operate. For edge sanding of all kinds of wooden floors and parquet floors.

- Light weight
- Powerful motor
- High sanding ability
- Very maneuverable
- Efficient vacuuming
- Both for discs with holes and velcro discs



Technical data

Disc diameter:	178 mm
Motor power:	1-phase 2.0 kW
Total weight:	14,5 kg alt. 15,5 kg
Length sanding arm:	220 mm alt. 330 mm
Disc speed:	3000 rpm
Dust discharge:	< 1 mg /m ³ air

For further technical data please see the machine manual

Directions for use

Attach the dust bag according to the instructions in the manual. After that it is time to put on the sanding disc for rough sanding.

Use the same grit of the sanding paper as for the belt or drum sander. Connect the cable to the wall outlet. Which should have at least a slow fuse of 10 A. And for your own safety always use **an earth leakage circuit breaker**.

Now you are ready to start with the sanding. Start the machine and let it run for a few seconds so that the dust bag is filled with air and the motor reaches full speed.

Start sanding with rotation movements, from left to right clockwise. Don't press the machine downwards; let it work with its own weight. Never stand still with lowered sanding disc, because ugly marks will be made on the floor. Finish the sanding when the machine is still moving. Stop the machine immediately with the stop button. Keep the cable away from the working area of the machine.

After the first rough sanding all old lacquer should be gone. The purpose of the following sandings is to remove the scratches from the first sanding. To remove the lacquer in the corners you should use a bladed scraper or detail sander. Now you have finished the first sanding of the floor. Vacuum the floor properly so that it is absolutely clean before continuing. Check if there is any damage to the floor that needs to be repaired. If this is the case you can fill it with wood filler.

Now it is time to continue with the work. If it is a common parquet floor you should be sanding twice, using the same grit as for the big machines.

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Dust reception

For minimal dust discharge Bona's original dust bags are used. The dust bag should be emptied when filled to maximum; one third of its size.(Use face mask min class P2).

After each completed sanding, the dust bag should be emptied and the contents kept outdoors due to potential fire hazard. Regularly check the intake duct to make sure it is not obstructed by dust, glue and lacquer remnants and that the dust brushes are functional.

Periodic maintenance Check that the cable can support an area of at least 3 x 2,5 mm² at 1-phase drive. If the motor receives a weak power supply or for other reason becomes overloaded the motor can be damaged. If too much pressure is used or the machine is overloaded, the motor's speed may be reduced, and the cooling and motor parts as well as other mechanical components ,such us ball bearing may be damaged.

With regard to the high disc speed and the excellent sanding of the machine, you don't need to press down on the sanding arm. Lift the sanding arm periodically when sanding, so that the idle running speed cools down the motor. Clean the wheels regularly.

Service and maintenance except for periodic routines must be made by Bona or an authorized workshop