

Bona Capricorn

Technical data sheet

The Bona Capricorn expansion drum sanding machine is designed to be a lightweight professional tool that can be easily and very safely operated by any user. Unique electrical power supply safety features such as the “dead man” handle device guarantees safe operation. Bona Capricorn is the perfect combination of functionality, reliability, safety, and ease of use.

- A unique drum construction. Patented design.
- Simpler and cheaper drum renovation.
- Better sanding result.
- Simple paper exchange.
- Excellent dust collection.
- Easy to manoeuvre and to transport

Key Benefits

- “Dead man” electrical safety feature on handle
- Easy fitting and changing of paper sleeve, no tools needed
- For sanding of all kinds of wooden and parquet floors
- users of all proficiency levels: professionals, semiprofessionals or DIY users

Technical data

Drum width: 200 mm
Abrasive sleeve size: 200 x 551 mm
Motor power: 1-phase 2.2 kW
Total weight: 77.5 kg
Drum speed: 2560 rpm

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 sleeve for coarse sanding. Raise the working handle to its highest position on the sanding machine so that the sanding drum doesn't touch the floor. Lift the front cover so that you can see the sanding drum and put on the sanding belt. When sanding parquet floor you may start with grit 40. Check that the sanding drum is raised and connect the cable in the power. Which should have at a slow fuse of 10 A (minimum). And for your own safety always use an earth leakage circuit breaker.

Now it is time to start with the sanding. Start the machine and let it run for a few seconds so that the dust bug is filled with air and the motor reaches full speed. You should start at a long wall and work from the left to the right. Walk slowly forwards and lower the sanding drum. The machine will start to sand as soon as the drum touches the floor. Continue until you have nearly reached the wall. Lift the working pressure handle so that the drum is above the floor, go slightly backwards lower the drum again carefully. Continue the sanding in the same 'track' backwards. Do the remaining floor by going forward and backward with the sanding machine. Overlap with a few cm previous sanded area when you are sanding forwards again. Never stand still with lowered drum, because ugly marks will be made on the floor. Finish the sanding when the machine is still moving by lifting the working pressure handle and the sanding drum is lifted from the floor. Put the working pressure handle upwards/backwards to its starting position. Keep the cable away from the moving parts of the machine.

Common parquet floors should be sanding in the longitudinal direction of the wood. It can be of an advantage to sand solid floor diagonally with the rough sanding paper and



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after that with finer paper in the longitudinal direction. After the first rough sanding all old lacquer should be gone. The following sandings makes an even surface of the floor and remove scratches from the previous coarse sanding.

The belt sander doesn't reach all the way to the wall. Instead you should use an edge sanding machine. Use the same grit of the sanding paper as for the belt sander. To remove the lacquer in the corners you should use a parquet scraper or detail sander. Now you have finished the first sanding of the floor.

Vacuum the floor properly so that it is absolute 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 go on with the work. If it is a common parquet floor you should be sanding twice. Use sanding belt with grit 60 and then grit 100. Solid wood floors need another sanding. Choose to go on with grit 40, 60 and finish with grit 100.

Every time the edges are to be sanded use the same grit as for the belt sander. Now the floor is ready for finishing. If you wish to make the surface even better, you can sand again using a buffing machine and a sanding screen grit 120.

Please note:

Wooden floors should be sanded in the direction in which the flooring is laid, working in the same direction as the timber grain. Use sanding paper grit 40, 60 and 100. Solid wood floors and uneven parquet floors shall be sanded diagonally with grit 24 and 40. After that in the direction of the grain with grit 60 and 100.

Note: To avoid creating deep scratches wooden flooring should never be sanded at a 90° angle to the timber grain.

Dust reception

For minimal dust discharge Bona's original dust bags should be 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 reasons becomes overloaded, overload protection will be released.

Service and maintenance except for periodic routines must be made by Bona or an authorized workshop (Aftermarket@bona.com)

Note: Prior to restart, the motor must cool down and the indicator lamp should be out. Sanding drum and machine wheels must be cleaned regularly. Service and maintenance must be made by Bona or an authorized workshop

Sanding



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