

Bona Belt 250 by KÜNZLE & TASIN



The Bona Belt 250 sanding machine makes big jobs seem small. The compact design makes the machine simple to manoeuvre and easy to transport. It can be disassembled and reassembled quickly and easily. The Bona Belt 250 has a very efficient dust pick up, leaving a cleaner floor. For optimal dust reduction, the Bona Belt 250 is compatible with the Bona DCS 70 (Bona Dust Containment System).

Suitable for sanding all kinds of timber and parquet floors, the Bona Belt is a machine for all occasions.

- Unique construction gives a choice of a 250 mm or 200 mm drum
- Ergonomically designed handle allows fingertip control to raise and lower the drum.
- Large front and side covers make the drum and tension roller easy to reach meaning a quick easy belt change
- Adjustment to belt location & drum pressure with no tools needed
- Very efficient dust pick up
- A compact design gives excellent manoeuvrability
- Easy to transport due to the quick breakdown of the machine

Technical data

Drum width:	250 mm – Standard / 200 mm - Option
Sanding belt size:	250 x 750 mm – Standard / 200 x 750 mm - Option
Motor power:	1-phase 2.2 KW with Easy start
Total weight:	81 KG: 74 KG + 7KG weight
Drum revolutions:	1800 rpm
Dust discharge:	< 2 mg / m ³ air (Using the Bona Dust bag)

For further more detailed technical data please see the machine manual.

Directions for use

When using the Bona Belt for the first time, read the machine manual carefully and follow the instructions to set the machine up.

Check that the sanding drum is raised and connect the cable to the power socket. For your own safety - always use **an earth leakage circuit breaker**.

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. You will note that the motor sound changes during this time as the Easy start system operates to prevent high load on the motor during the start-up process.

At this point, check that the sanding belt is adjusted properly. If required use the fine adjustment screw on the housing above the drum to centre the sanding belt. Close the front and side access panels firmly. Adjust the drum pressure as required using the adjustment handle at the rear of the machine. In general terms the coarser the abrasive being used the higher the drum pressure required.

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Vacuum the floor properly between each sanding operation so that it is clean before continuing. Whilst the dust collection system on sanding machines is efficient, the possibility of dust or abrasive particles remaining on the floor exists. The use of sanding machines on a poorly cleaned floor can push these particles into the surface of the timber causing issues with discolouration.

If there is any damage to the floor that needs to be repaired or nail holes are to be filled, these operations should be completed during the sanding process using Bona Mix&Fill or a proprietary filler. It is not recommended to apply filler after the application of a Bona primer.

Dust collection

For optimal dust collection the Bona DCS 70 (Bona Dust Containment System) should be used. If using the machine with a dust bag then Bona's original dust bags should be used. During the sanding process the dust bag should be emptied when filled to one third of its size; Use a face mask min class P2. Failure to empty the dust bag at the appropriate time will result in a loss of efficiency and reduced dust pick up.

Sanding dust, particularly where the timber flooring had been previously coated with solvent based products or oils, may spontaneously combust. After each sanding operation, the dust bag should be emptied. Do not store any sanding machine with an un-emptied dust bag. All sanding dust removed from the machine must be kept outdoors due to the potential fire hazard.

Periodic maintenance

It is recommended that the machine is serviced every 250 hours or once a year by a professional machine / electrical workshop. However, regular maintenance should be carried out by the operator.

The power cable should be checked for damage frequently. If the motor receives a weak power supply, e.g. from poor supply or an over long cable or for other reasons becomes overloaded, the overload protection will be triggered. N.B. Prior to restarting the motor it must be allowed to cool down.

The sanding drum and tensioning system must be cleaned regularly. Wheels should be kept clean and replaced if worn; irregular wheels can cause irregular unsatisfactory sanding.

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