

Bona Edge UX 130 & Edge UX 220 by KÜNZLE & TASIN

The **Bona Edge** range is composed of the Bona Edge UX 130 and Bona Edge UX 220. Both machines are powerful and highly manoeuvrable. The contours of the sanding arm allow closer sanding to the edges, particularly corners, with the placement of the sanding disc in the chassis giving superb easy handling.

Designed to give the best possible working conditions the engine has been optimized to bring increased performance whilst reducing noise levels and its focussed 16 section LED light strip provides a well-lit bright working environment. A multi-meter including not only the hours worked but also volts and Hz, allowing the level of current to be seen, helps effective use of the machine. For safety the machines have a 'dead man's' operating switch and a 'tilt' function so the machine only operates when positioned for sanding.

Bona Edge UX comes with 3 handles; two in the standard position on the chassis and a handle that sits on the top of the sanding arm. This gives great versatility in controlling the machine whilst increasing the comfort of the user.

Designed for use with Bona Abrasives Velcro backed edger discs, Bona Edge can also be used with traditional centre hole discs. The sanding disc is positioned slightly off centre. Together with the additional space between the disc and the chassis and the dust skirt the dust pick up is significantly increased compared to a standard edger configuration. For optimal dust reduction, the Bona Edge is compatible with the Bona DCS 70 (Bona Dust Containment System); a traditional dust bag is also included.

- Optimised motor giving the power needed whilst being as quiet as possible
- Highly manoeuvrable
- Efficient and optimal dust collection
- Bright LED light strip
- Built-in multi-meter measuring volts, hours and Hz

Technical data

Disc diameter:	178 mm
Motor power:	1-phase 1.25 kW
Disc speed:	3000 rpm
Sanding arm length:	130 mm / 220 mm
Sanding arm height:	58 mm
Total weight:	130 – 14.5 kg 220 – 15.4 kg
Noise level:	92 dB (A) max
Dust discharge:	< 1 mg / m ³ air

For further technical data please see the machine manual.

Directions for use

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

Connect the cable to the power socket. Keep the cable away from the working area of the machine. For your own safety always use **an earth leakage circuit breaker**.

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Check that you have selected the required abrasive and make sure that the disc is centred on the sanding plate. Use the same abrasive grit as used on the belt sander for each edge sanding operation. Using different grit sizes for the edging of the floor increases the possibility of variation in the appearance of the floor from effects such as 'picture framing'.

Vacuum the floor properly between each sanding operation so that it is clean before continuing. Dust collection on sanding machines is efficient but 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, prior to coating. It is **not** recommended to apply filler after the application of a Bona primer.

N.B. It is important that the machine is allowed to work without undue pressure and weight being placed upon it. Allow the machine to move freely. Do **not** put your weight down through the handles or 'lean' on the machine. This stops the sanding plate from moving and puts excessive strain on the motor and other moving parts.

An indicator that the machine is being used incorrectly is that the Velcro starter pad under the abrasive has to be replaced frequently; undue weight through the sanding plate creates excess friction and the heat produced softens the adhesive on the starter causing it to fail.

Dust collection

For optimal dust collection use the Bona DCS 70 (Bona Dust Containment System). If using a dust bag Bona's original dust bags should be used. The dust bag should be emptied when one third full; use a face mask min class P2. Not emptying the dust bag at the appropriate time results in a loss of efficiency and reduced dust pick up.

Sanding dust, particularly where the flooring was previously coated with solvent based products or oils, may spontaneously combust. Empty the dust bag after each sanding operation. Do not store the machine with an un-emptied dust bag. All sanding dust should be kept outdoors due to the potential fire hazard.

Periodic maintenance

Check the power cable for damage frequently. If the motor receives a weak power supply, e.g. from poor supply or an over long power cable or for other reasons becomes overloaded, the motor's speed may be reduced. This may in turn damage mechanical components and the motor itself. N.B. Prior to restarting the motor it must be allowed to cool down.

Clean the wheels regularly to ensure smooth sanding. The Velcro starter sheet on the sanding base plate should be replaced as required to ensure that the abrasive remains firmly in place at all times. Similarly, the carbon motor brushes and drive belt should be checked regularly and replaced as required. N.B. Always replace the brushes in pairs.

Outside of the routine maintenance tasks, major servicing of the Bona Edge UX should be carried out by a professional machine / electrical workshop.

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