

Malt- Crusher

Instructions for use

ESCHENFELDER
Qualität für ein gutes Leben

German precision quality

The crushing mechanism is made from 100% stainless steel (Roller nickelfree stainless steel) and moving parts are mounted with high quality ball bearings. The crushing gap can be precision adjusted. The sides of the crusher are constructed in a way that enables to inspect the crushing progress in detail. The wooden hopper (funnel) can hold a generous 7 litres (approx 4kg of malt). When not in use, the hopper can be used as a cover for the machine.

1. Mount the hopper

Fit the hopper to the stainless steel pressure plate on top of the mechanism with the two wing nuts (wing nuts outside hopper, locking nut inside hopper).

2. Fix the crusher

Use screw clamps to fix the crusher firmly to a table or similar surface. Align the front of the bottom plate to, or just outside of the table edge so you can place a bucket underneath for collecting the crushed malt. The rear rubber feet provides a small slope so malt flows into the bucket.

3. Using a power drill

You can connect a power drill or a cordless screwdriver via the enclosed adapter fitting the hexagonal bolt. Use low speed (around 200 rpm) for best result. Capacity is around 1.5 kg/minute.

4. Using the crank handle

Fit the handle onto the protruding hexagonal bolt and turn clockwise until it locks. Normal capacity when milling manually is around 1 kg/minute.

To remove handle: Fix rollers using a 14 mm wrench, then rotate handle anti-clockwise.

5. Cleaning

For cleaning the roller mechanism, first remove hopper with its fixing bolts and then pull out the stainless steel cover plate. Use a brush for only a dry cleaning. Never use water or any detergent.

6. Wooden parts

The wooden parts are untreated and can be oil treated if you wish. Use only food grade product such as organic linseed oil. Oil treatment may affect the glue joints so any treatment must be sparse.

7. Security

For safety, the Malt- and Oats Crusher should not be used without the cover plate and the hopper.

8. Running in

When using the Malt- and Oats Crusher for the first time, please discard the first 100 g of crushed grains.

9. Adjustments

The minimum roller gap is factory set at 0.3 mm for transport. For the first use, turn the adjustment screw between 1/2 and 1/1 turn anti-clockwise (anti-clockwise increases gap, clockwise decreases gap). The optimum gap is when 90% of the grains are crushed and you will need to fine tune this for each grain as quality and consistency vary. Adjustment range is between 0.3mm - 6mm.

IMPORTANT: On the gap adjustment screw - adjust the locking nut so no contact is possible with the roller within the normal adjustment range.

10. Crush quality

Optimum is when 90% of grains are completely crushed, but not ground into a fine powder.

11. Warranty

Your German quality machine comes with a 2 year warranty on the condition that it has been used for grinding of malt only, in quantities typical for hobby brewing.

Any damage caused by foreign objects in the grinding mechanism, is explicitly not covered by the warranty.