

# MattMill Master MMA Documentation



The MattMill Master (MMA) construction is a device for manual, crank-driven, coarse grinding of barley and wheat malt in dry condition to prepare malts for the mashing process for hobby, non-commercial brewing for domestic use. Malts that are more difficult to crush (wheat, cara, special malts) should be mixed with standard malts to facilitate grinding.

**Continuous operation, use beyond normal hobby use, commercial use and a motorised drive are the sole responsibility of the operator.**



**Operation of the device may result in hazards. To be operated only by adults! Do not remove protective devices! Operation only with funnel attached. Any manual intervention during operation is dangerous and can lead to serious injuries. Operation with grinding materials other than those mentioned above, in particular the introduction of foreign bodies and foreign substances, must be ruled out by the operator. The device is not suitable for long-term storage of food and should only be filled for immediate use. Residues must be removed immediately.**

## Maintenance:

The MattMill Master is maintenance-free. Should irregularities be detected, please contact the supplier!

## Cleaning:

Cleaning may only be carried out dry by tapping, blowing out or brushing. Occasional checking of all screw connections for tight fit is recommended.

## Storage:

Cool, dry storage is recommended to avoid corrosion.

## Set up:

The MMA must be mounted firmly and secured against falling. This can be done by screwing it onto a firm surface, e.g. a plate. Make sure it is firmly seated! The workplace must be trouble-free.

## First use:

In order to remove any production residues, please discard the first 200gr. Malt!

## Mounting the hopper:

Insert the hopper into the MMA from above. Insert the safety bolt and secure it with the locknut. Check the tight fit of the funnel.

## Adjust the roller distance:

The roller gap can be adjusted and fixed in five steps with the adjustment lever.

Adjustment lever in lower position: finest adjustment; in upper position: coarsest adjustment.

## Changing the roller distance:

Loosen and remove the two knurled screws, move the adjustment lever to another level and turn the knurled screws back in to fix the adjustment lever. Ensure that both rollers run smoothly. Check the grinding gap.

## Recommendation for roller spacing:

First try out the middle position with a little malt and adjust the roller spacing to your requirements if necessary! A rather coarse setting is recommended, especially for circulation systems.

## Operation:

Always drive the left roller clockwise.

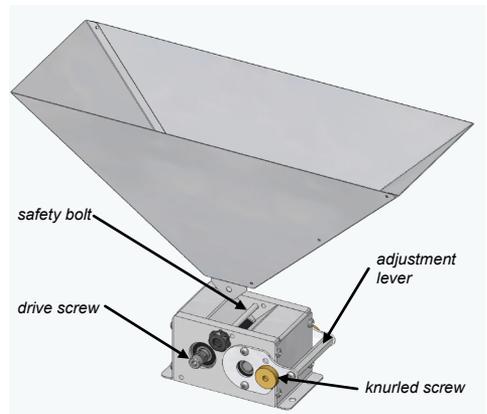
## Drive via the drive screw:

Insert your drive machine firmly and securely into the hexagon socket of the drive screw with 6 mm hexagon bit. Ensure that the drive is securely positioned and held! Carefully rotate your drive machine clockwise. A high torque is required - especially during start-up - which only drive machines with gear reduction can deliver in the lowest gear. Maximum speed approx. 300/min!

## Operation with hand crank (optional):

Ensure safe standing and stability!

To mount the crank handle, first remove the drive screw. Remove the funnel. Loosen the drive screw. To do this, block the rollers briefly with a wooden wedge or similar. (Do not use any hard tools for this!) Hold the wooden wedge between the rollers while loosening the drive screw from below to prevent the rollers from turning to the left. Loosen the lock nut of the drive screw (M8 wrench size 13) by turning it counterclockwise using a size 13 wrench. Remove the drive screw. Instead of the drive screw, screw the hand crank into the thread M8 of the drive roller with clockwise rotation. Reassemble the funnel.



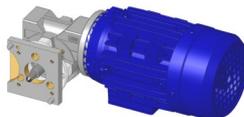
## Accessories:

## motorization

### hand crank



### MMA 230V Motorkit



### MMA 230V MOT

