

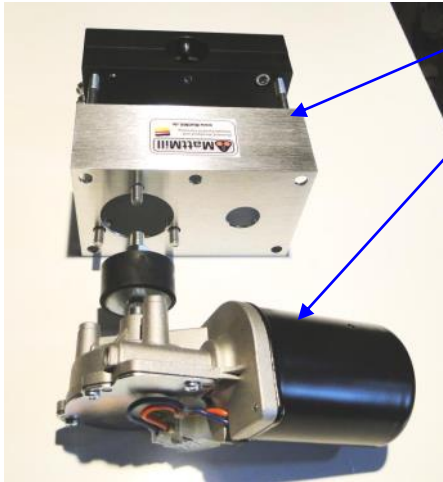


Motorised operation of the MattMill Student is at the user's own risk and responsibility. There are sources of danger. Precautions must be taken against possible interference with the roller area!

Instructions for mounting the motor kit to a MattMill Student

Required tools: open-end wrench SW13, wrench SW10, narrow wooden wedge, e.g. wooden clothespin half, etc. for blocking the rollers.

1) Check the Shipping list:



- a. 1x Adapter housing aluminium with 4x connection screws hexagon socket M6x 50 with flange nut M6
 - b. with 3x hexagon socket screws M6x 16 pre-assembled
- 12V wiper motor and connection cable jack 5.5x2,1mm and pre-assembled shaft coupling rubber buffer with nut M8 wrench size SW13

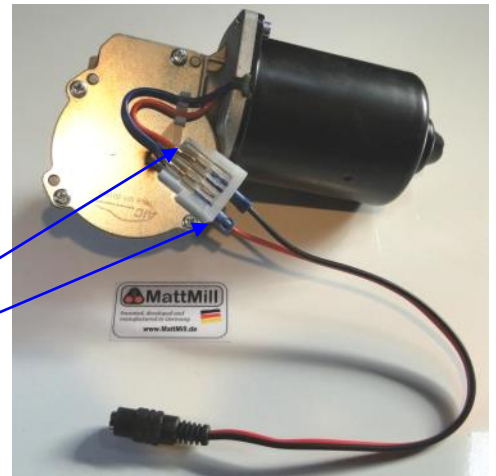
2) Connection of the windscreen wiper motor:

Minus 12V on motor cable with highest speed, typically red.

DC current Plus 12V to ground,

The motor rotates counterclockwise at approx. 60/min when looking at the shaft outlet stub.

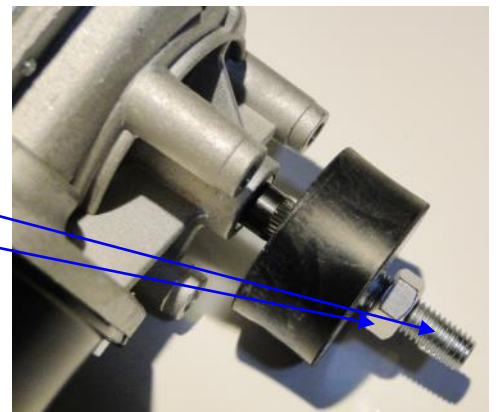
Recommended power supply Power supply 12V 5A



3) Preparation:

Turn the lock nut on the shaft coupling thread completely by hand.

b. Since the grub screw facing the drive for fixing the funnel to your MattMill Student is difficult to access after the drive has been installed, it should be preset.



4) Connect the pre-assembled motor kit to the MattMill Student:

A) First thread the hexagon socket screws M6x50 with the tip through the holes in the housing of the MattMill Student.

B) Slide the pre-assembled adapter housing to the MattMill until the external thread of the shaft coupling lies on the internal thread M8 of the MattMill drive roller.

C) Turn the MattMill drive roller on the shaft outlet stub of the motor until the pre-assembled adapter housing lies flat and tension-free on the MattMill and the drive roller is axially tension-free.

D) Turn the lock nut by hand until it reaches the drive roller.

E) Block the drive roller against clockwise rotation by means of the wooden wedge or similar from above and tighten the lock nut with the fork wrench SW13 as tight as possible against the drive roller to prevent further axial adjustment during operation.

F) Check that the adapter housing is in contact and that the MattMill drive roller is axially tension-free.

G) Screw the nuts M6 onto the connecting screws and tighten them.

H) Check the free running of the rollers. These must remain slightly movable axially in both directions. If necessary, correct by turning the drive roller to the shaft coupling after loosening the lock nut. Then tighten again!

I) **Mount the MattMill with the mounted drive** on a table edge or on a suitable wooden board. Ensure a stable seat and free outlet at the bottom. Take precautions against falling down. Take precautions against reaching into the roller area and drive area. Fasten and secure your funnel. Do a test run.

