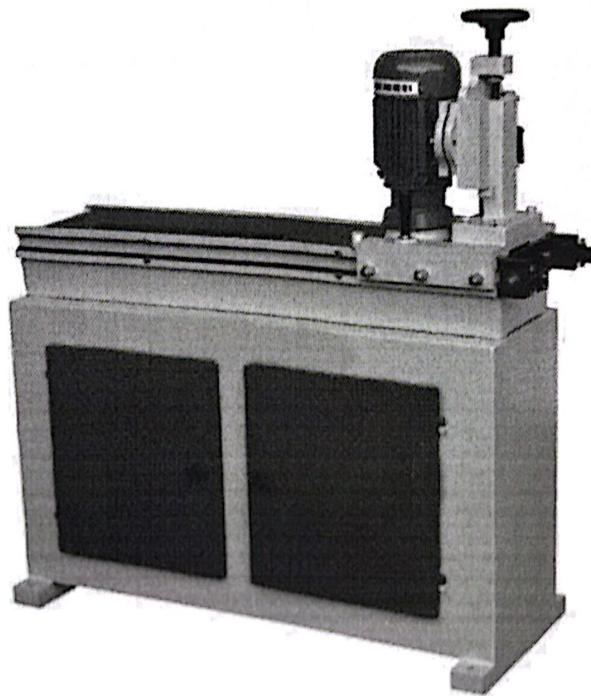

MR2560

Straight Knife Grinder

Manual Book



This manual has been prepared for the owner and operators of MR2560 Straight Knife Grinder. Its purpose, aside from machine operation, is to promote safety using accepted operating and maintenance procedures. To obtain maximum life and efficiency from your straight knife grinder and to aid in using it safely, please read this manual thoroughly and follow the instructions carefully.

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SPHERE OF APPLICATION

MR2580 cutting tool grinder is designed for straight blade grinding. The steel plate is installed on the surface of the sliding rail makes the grinding head move more smoothly. The plate can be replaced easily. The specially designed motor frees the machine from vibrating for steady grinding.

MAIN TECHNICAL PARAMETERS

Max. working length.....	600mm
Grinding speed.....	2825r/min
Motor power.....	1.1kw

STRUCTURE & FUNCTION

The machine is made up of body, working table, grinding wheel feeding unit, safe cover and motor etc.

1. The machine body: Holds the motor and working table etc.
2. Working table is composed of grinding trough and frame. The grinding trough is horizontally installed with cooling system inside. On the both sides are level sliding rails. A U-shape block is driven moving by three bearings on either side. The frame is in the middle of the trough at 41° angle that is adjusted through the grinding wheel.
3. Feeding unit is put on the U block, and the motor is on the lifting plate adjusted by a leading screw pole. At the output side of motor is the grinding wheel. The outside is the cover for safe.

INSTALLATION & ADJUSTMENT

1. **Installation:** The machine must be put on the ground firmly and levelly, connect the power (380V) and ground wire.
2. **Adjustment:** The machine is adjusted by the producer already. In the cases that the parts get loose or the users need to change the angle should follow.
 - (1) **For loose sliding:** Use a piece of cloth to clean the sliding rail first, put on butter or other lubricating grease evenly on the downward rails, make the U block move left some (less than the distance between the bearings of the sides). Observe the print of the U block on the sliding rail: When the butter is pressed evenly, you do not need to adjust the two bearings at the right, otherwise, the right bearings do not match the sliding rails well or closely, you have to adjust the eccentric nut at the right, then put on the butter again and repeat the above till the bearings match the sliding rails well, same with the left bearings. You may adjust the middle bearings by putting on the butter on the upper sliding rail.