

OPERATION MANUAL

UNIVERSAL CUTTER MACHINE WINTER MF 2720



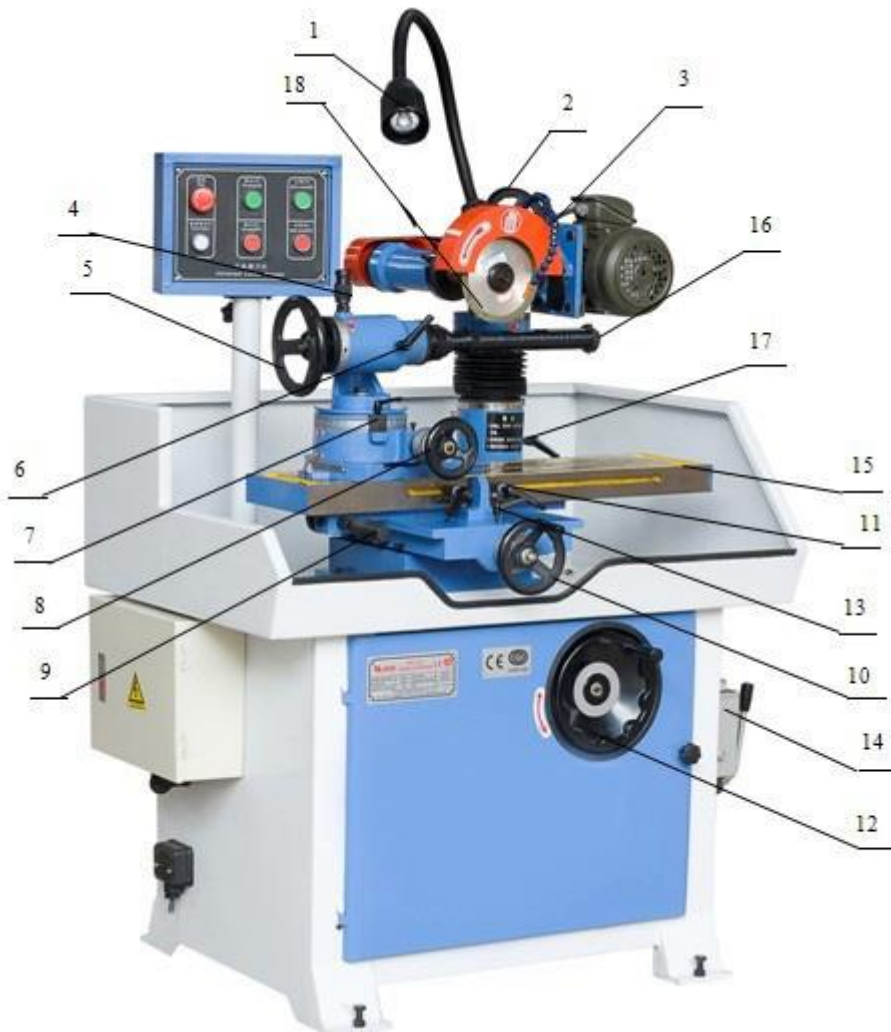
WARNING!

*The operator must thoroughly read this manual before operation.
Keep this manual for future reference.*

Henrik Winter Holztechnik GmbH

Druckereistr. 8
04159 Leipzig

Tel: +49 (0)341/ 4619021 Fax: +49 (0)341/4618358 Funk: +49 (0)171/2820443
Em@il: info@winter-holztechnik.de Internet: www.winter-holztechnik.de



- | | |
|--------------------------------------|---|
| 1、 working light | 2、 grinding wheel angle handwheel |
| 3、 water pipe | 4、 diagraph locater |
| 5、 operation handwheel of knife rest | 6、 lock-up handle of knife rest |
| 7、 lock-up handle of knife rest | 8、 tinily adjust handwheel of knife rest |
| 9、 work table moving handle | 10、 feed in/out handwheel of working platform |
| 11、 work table travel handle | 12、 up-down handwheel of principal axis |
| 13、 Lock-up table handle | 14、 gasoline pump |
| 15、 workpiece table | 16、 lock-up screw of knife rest |
| 17、 lock-up handle of grinding wheel | 18、 Grinding wheel |

● Maintenance

After every working, clean the machine and lubricate the slide pole , working platform which can prevent form rustiness.

I . Summarize

Thank you for buying our product MF2720 universal tools grinding machine. This machine most used to grind all kind of woodworking cutters, saws and so on., Besides , it can be used widely, easy to operate with high precision. Please read the following instruction in order to know the machine 's operation and maintenance.

II . Main technique parameter

Model		MF2720
Grinding capacity	Cutter rotary dia.	400mm
	knife rest travel.	300mm
	Grinding Saw dia	φ 105mm~ φ 500mm
	Planer knife length	300mm
Sliding work table	Left-right	800mm
	Back-front	450mm
Grinding wheel size (dia*bore)		Φ150mm*Φ32mm(Φ16mm)
Grinding wheel rotating angle		± 45°
Speed of grinding wheel		3500r/min
Motor	Grinding wheel	550W
	Cooling system	40W
Machine size		800×1000×1600mm
Package size		860*1100*1440mm
Machine weight		330KG

- **operation of grinding alloy saw :**

1. Set well the grinding saw, put saw ,put the saw alloy section face the grinding wheel plane ,and fix the working platform at the suitable position.
2. the circle point of the grinding wheel must aim at the saw plane, adjust the needed angle of the grinding wheel adjust handle and the saw.
3. adjust the locator according to the diameter of the saw ,put the length of the pole to the best position. For example, right-and-left gear, adjust the handle at the basic of the grinding wheel and the alloy plane.



- **operation of grinding molding knife:**

1. Loose lock-up screw of the knife axis, put down the separation sheath and choose the suitable cutter sheath, put the cutter which need to grind to the knife axis, lock up the screw and make it fix.
2. Loose the locator of the working platform, and adjust the need distance then lock it up .loose the lock-up handle of the knife axis, adjust the knife rest seat, make the cutter and the grinding wheel keep the right pitching angle and left-right angle make the edge joint flatly and lock up the screw.
3. adjust the distance between the cutter and the grinding wheel through the handle, after finish adjusting the distance and the angle, pull the knife axis operation handle, then can grind the needed angle if the cutter.

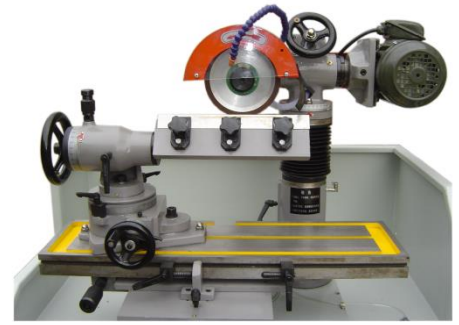


- **operation of grinding linear plane knife:**

Put the linear knife rest seat on the knife rest axis. and lock it up.

Put the knife on the clamp , lock up the handle turn the dial

locator, adjust the needed angle, then lock up the knife rest, lock up the handle and adjust the adjust locator screw according to the needed length of the knife .Finally, pull to work is all right.



- **operation of gong knife, aiguilles :**

set the gong knife well, put down the grinding wheel ,set it reversibly and lock it up. Join the edge face of the gong knife and grinding wheel. Adjust the travel locator; the operation method is the same as molding knife.



- **Attentions for operate**

1. The machine should be put on the flat ground which can make the working platform keep level.

Connect the power well

2. Examine if the grinder wheel is locked up, if the turning of the main axis is right before operate the

Machine . The volume of out-water of refrigerating pipe can be adjusted by switch.

(emulsification oil plus water, that is the proportion is 1:20)

3. If the left-right gliding of the working platform is smooth, if the operate wheel can be turned flexibly, the up-down position should be smooth.

III. Electric diagram

Power protection	Grinding motor	Water pump motor	Transformer	Work light	counter	Grinding motor startup
------------------	----------------	------------------	-------------	------------	---------	------------------------

