

MRP-14 Ring Polishing Machine



1. The MRP-14 Polishing Machine consist of following parts,

- Ring clamping device
- Ring driving device
- Polishing wheel driving device
- Electrical system
- (Additional) Dust removal device

2. Functions and Applications

- Used for polishing burrs and scratches on the surface of metal rings with a diameter of

over $\Phi 150$ in the ring manufacturing process.

- The pressure wheel device is pneumatic, with a wide pressure adjustable range and easy operation.
- An additional vacuum dust collection device is provided to collect dust generated during polishing, reduce pollution, and greatly improve the working environment.

3. Machine specification

Type	MRP-14
Machine profile	1050*700*1050
Net weight	230KG
Power supply	2KW
Voltage	380V
Work range	6" and above
Thickness	2 – 5 mm
Flange width	5 - 50
Cycle time	10-20s
Material suited	CS/SS
Dust collection	Yes
Ring loading	Manual

4. Operating Steps

1. First, adjust the center distance of the press roller according to the size of the ring.
2. Adjust the position of the bracket so that the lower plane of the ring is completely placed on the bracket.
3. Put the workpiece into the groove of the active press roller, operate the manual valve, and make the press roller press the workpiece.
4. Use the back hand wheel to adjust horizontally polishing wheel to make sure the polishing wheel on top of workpiece, then use the top hand wheel to bring polishing wheel until wheel touch down the surface of the workpiece, polishing is adjustable by turning the top handwheel.
5. Step on the foot switch to start the machine for polishing. When the workpiece meets the required finish, stop the motor to complete a single operation process.
6. Switch the manual valve to release the press roller, then turn the workpiece to the other side and follow steps 3-5 to polish this side.

End