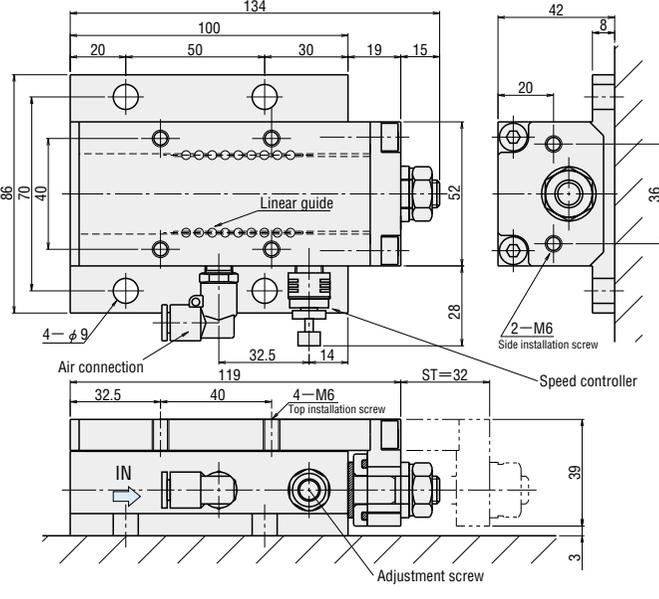


# SCRAP REMOVERS



**RoHS**

**MREE15**



- Operating pressure: 0.3~0.6MPa (3.1~6.1kgf/cm<sup>2</sup>)
- Max. stroke ST: 32mm
- Max. transportable load: 150N (15.3kgf)
- Operating temperature: 0~60°C
- Piping tube diameter: φ6
- Max. tilt angle: 8°

Catalog No.	Type	No.	Base unit price
MREE		15	Quotation

**Order** Catalog No. **MREE15**

**Days to Ship** Quotation

**Price** Quotation

### Features

- Simply by connecting air piping, this unit will use vibration to transport scrap.
- Unlike belt conveyors, there is no need to be concerned about AC power and belt breakage.
- Unlike air cylinders, solenoid valves and other wiring are unnecessary.
- Because a ball-type linear guide is used, the system is highly resistant to eccentric loads and provides smooth motion.

### Air consumption (150N load)

MPa	L/min
0.3	15
0.4	22
0.5	26
0.6	39

※When speed controller is at max.

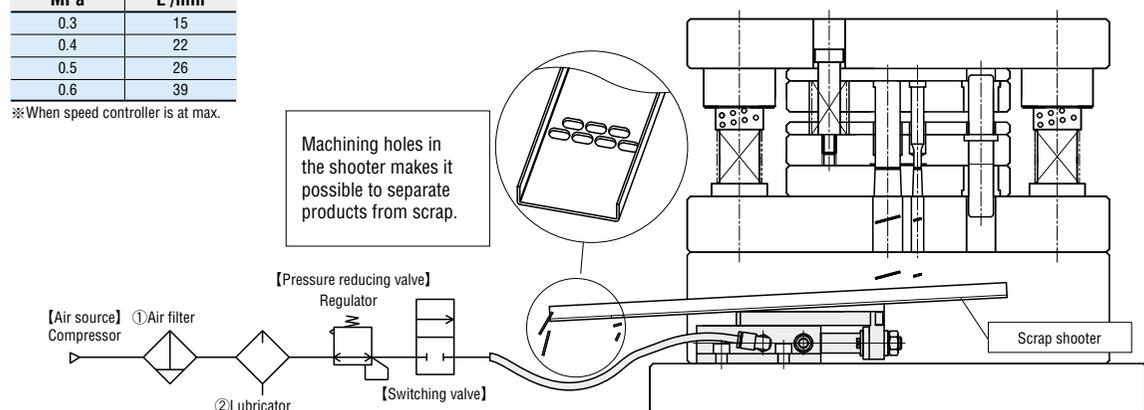
### How to use

- When compressed air (0.3~0.6MPa) is connected to the scrap remover air coupling, the table begins vibrating. Use a tube with outer diameter 6 mm and inner diameter 4mm
- Adjust the speed controller screw and fasten the nut at the position of the correct speed.
- To facilitate scrap transport, either change the inclination of the scrap shooter or incline the scrap remover by inserting a plate or washer between the scrap remover and anchoring base.
- To install the scrap shooter, either use flathead screws and install from the top or install an L angle into the side tap hole and weld the scrap shooter into place.
- If the amount of oil dripping onto the scrap shooter is large, install an embossed shooter plate (P.940).
- If the weight of the scrap is large, ensure that the scrap is distributed uniformly on the scrap shooter.

### Precautions

- If the scrap shooter is not installed so that it is even to the left and right, and one side is longer than the other, a high bending moment may be generated, resulting in duller vibration. In this case, take supplementary steps such as installing rollers onto the scrap shooter.
- Pass the air used through ① an air filter and ② a lubricator. Dust and other substances in the air may cause operation failures.

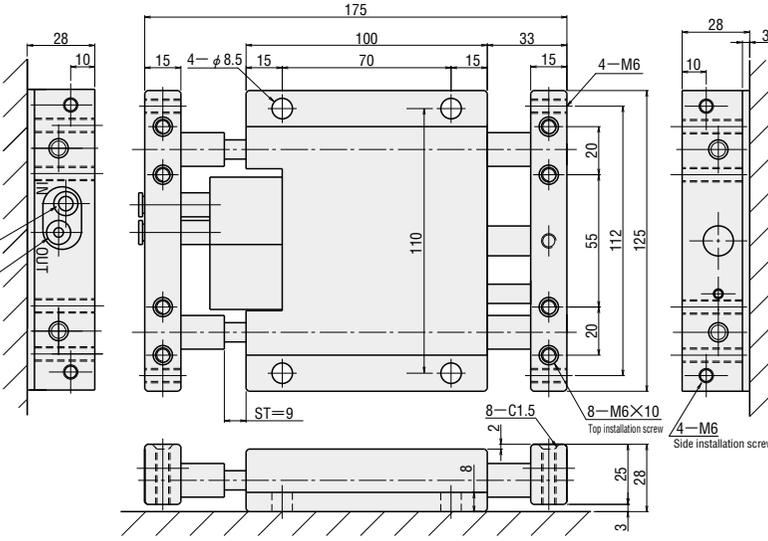
Embossed shooter plates **P.1108**





**RoHS**

**MRE50**



- Operating pressure: 0.3~0.6MPa (3.1~6.1kgf/cm<sup>2</sup>)
- Max. stroke ST: 9mm
- Max. transportable load: 500N (51kgf)
- Operating temperature: 0~60°C
- Speed controller Piping tube: φ4×100mm

Catalog No.	Type	No.	Base unit price
MRE		50	Quotation

**Order** Catalog No. **MRE50**

**Days to Ship** Quotation

**Price** Quotation

### Features

- The MRE50 mechanism varies the reciprocation speed in order to transport the scrap. Therefore it is possible to transport the scrap to a higher location (max. 2°).
- The air consumption is 1/2 or less than MREE.
- Because the speed controller can be installed on the exterior, speed control can be easily performed even in a narrow space.
- Unlike belt conveyors, there is no need to be concerned about AC power and belt breakage.
- Unlike air cylinders, solenoid valves and other wiring are unnecessary.
- Because a linear bushing guide system is used, the system is highly resistant to eccentric loads and provides smooth motion.

### Air consumption (250N load)

MPa	L/min
0.3	7
0.4	9
0.5	11
0.6	13

※When speed controller is at max.

### How to use

- When compressed air (0.3~0.6MPa) is connected to the scrap remover air coupling, the table begins vibrating. Use a tube with outer diameter 6 mm and inner diameter 4mm
- Adjust the speed controller screw and fasten the nut at the position of the correct speed.
- To facilitate scrap transport, either change the inclination  $\theta$  of the scrap shooter or incline the scrap remover by inserting a plate or washer between the scrap remover and anchoring base.
- To install the scrap shooter, either use flathead screws and install from the top or install an L angle into the side tap hole and weld the scrap shooter into place.
- If the amount of oil dripping onto the scrap shooter is large, install an embossed shooter plate (P.940).
- If the weight of the scrap is large, ensure that the scrap is distributed uniformly on the scrap shooter.

### Precautions

- If the scrap shooter is not installed so that it is even to the left and right, and one side is longer than the other, a high bending moment may be generated, resulting in duller vibration. In this case, take supplementary steps such as installing rollers onto the scrap shooter.
- Pass the air used through ① an air filter and ② an oil mist separator. Dust and other substances in the air may cause operation failures.

Embossed shooter plates **P.1108**

### Example of scrap shooter installation

