

Vertical Reciprocating Sander

Model MM326

ASSEMBLY AND OPERATING MANUAL

PLEASE READ THE MANUAL BEFORE USING IT

THANK YOU for choosing our product! For future reference, please read this manual carefully.

below :

SAVE THESE INSTRUCTIONS. It is important that you read the entire manual to become familiar with the unit BEFORE you begin assembly.

Technical Specifications

Model: Vertical Reciprocating Sander

No load speed: 1400RPM 50HZ

1700RPM 60HZ

Power of Motor: 370W

Oscillations per Minute: 60 OPM

Oscillation travel: 24mm

Sanding Belt Capacity: $\phi 51 \times 140\text{mm}$ ($\phi 38 \times 140\text{mm}$, $\phi 21 \times 87\text{mm}$).

Dust Collection Capability: 50mm outlet

Table Tilt Angle: 0-45 degrees

Size of Machine: $370 \times 370 \times 600\text{mm}$

Net Weight: 33kg

Unpacking

Unpack and check contents. The new Oscillating Spindle Sander has been shipped completely assembled and ready to use with a 51mm sand belt and a regular core board. Metal parts of the machine that are covered with grease (to protect from rust) should be wiped with a dry cloth. the shipping box should also contain: (See Parts Diagram and Parts List on pages 7,8).

1.shock absorbing parts (#28, #53, #54, #55, #39)

2.Angle Core Board

3.Manual

READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT!

Work Area

To AVOID RISK OF PERSONAL INJURY, EQUIPMENT DAMAGE, FIRE AND SHOCK, MAKE SURE YOUR WORK AREA IS:

1. Free of damp, wet or rainy conditions
2. Free of flammable gasses or liquids
3. Childproof-use padlocks and master switches when not in use.
4. Well-lit, Clean and uncluttered, Well-ventilated

The Operator

COMMON SENSE AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO ANY PRODUCT. THESE FACTORS MUST BE SUPPLIED BY THE OPERATOR. PLEASE REMEMBER:

1. Prevent body contact with grounded surfaces such as pipes or radiators.
2. Stay alert. Never operate equipment if you are tired.
3. Do not operate the product if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment/reflexes might be impaired.
4. Do not wear loose clothing or jewelry as they can be caught in moving parts.
5. Non-skid footwear is recommended.
6. Wear restrictive hair covering to contain long hair.
7. Use eye and ear protection. Always wear:
 - ANSI approved dust mask or respirator when working around metal, wood and chemical dusts and mists.
 - A full face shield if you are producing metal or wood filings.
 - Ear protectors
8. Maintain proper footing and balance at all times.
9. Do not reach over or across running machines.

Before Operating

1. Know the machine. Learn its applications and limitations, as well as the specific potential hazards.
2. Check for damage. If part of the machine is damaged, it should be carefully inspected to ensure that it

can perform its intended function correctly. If in doubt, the part should be replaced.

3. Be sure the switch is OFF before plugging in.

4. Make sure tool has been cleaned and properly lubricated.

5. Check for damaged parts. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function.

6. Check for alignment and binding of all moving parts, broken parts or mounting fixtures and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician.

7. Do not use the tool if any switch does not turn off and on properly.

Operation

Do not insert fingers into the core board/rotating area unless the machine is unplugged. Never insert fingers into the core board/rotating axle area while operating the machine.

1. The sander is designed for use with plastic and wood materials only. Sanding metal and abrasive materials could be hazardous.

2. Never force the tool or attachment to do the work of a larger industrial tool. It is designed to do the job better and more safely at the rate for which it was intended.

3. Always unplug the cord by the plug. Never yank the cord out of the wall.

4. Always turn off the machine before unplugging.

5. With normal use, the motor housing may get hot.

6. Make all adjustments with the machine unplugged and the power OFF.

7. Never stand on the machine. Serious injury could occur if the machine is tipped over.

8. Never leave the sander unattended while it is running.

9. When turning off the machine, never leave unit until it has come to a complete stop.

Sanding of lead base paint is not recommended. It is very difficult to control the contaminated dust that could cause lead poisoning.

IF THERE IS ANY QUESTION ABOUT A CONDITION BEING SAFE OR UNSAFE, DO NOT OPERATE THE TOOL.

To Change/Install Sand Belts

(see Parts Diagram and Parts List on page 7,8)

- 1.Place switch in "OFF" position, and unplug the sander before performing any of the steps below.
- 2.The Oscillating Sander has been shipped completely assembled with a 52mm sander belt (#49).and regular core board installed. Change sand belts as follows:

TO Remove Sand Belt

- 1.Grasp and hold sander belt (#49) on rotating axle (#46). Loosen nut (#51). If nut is too tight and rotating axle spins inside sand belt, secure the rotating axle with a wrench and loosen nut.
- 2.Remove nut, big washer (#50), and sand belt. Unscrew rotating axle clockwise and remove core board (#36) also see instructions below describing how to remove core board.
- 3.Remove big washer (#50) and clean sawdust accumulation.

To Install Sand Belt

- 1.Replace big washer (#50). Fin side of washer should always be installed down. The fins help push sawdust through the dust exhaust port opening, preventing buildup of sawdust. Sawdust buildup in this area may cause the oscillating motion to stop. The big washer must be used with all sanding sleeves.
- 2.Select and install the desired rotating axle.
- 3.Install appropriate sand belt on the rotating axle. (NOTE: If sanding sleeve becomes difficult to install or remove, apply talcum powder on the inside of the sand belt before installing on axle).
- 4.Install big washer (#50) and nut.
- 5.Grasp and hold sand belt and tighten nut. Do not overtighten.

Replacing Core Boards

The Oscillating Sander comes with two core boards. The core board with the circular opening is for sanding when the working table (#34) is level. The core board with the oblong opening is to be used when the working table is set at an angle.