

# WATER SANDER WS-6 / WS-6S

WS-6 and WS-6S are designed, processed and assembled by skilled and experienced engineers in Japan, and their entire parts are also manufactured in Japan by reliable factories. In all parts production steps and assembling steps, our original quality testing is conducted so that high quality is maintained in all aspects of the machine.

We introduced the latest motor and this made the torque of this tool very strong. By strengthening the torque, we improved the efficiency of hand polishing.

With the shaft lock, we can keep the drive shaft straight, and detach and attach backing pads with ease without a wrench. To use our polishers longer, we recommend changing abrasive discs by changing the backing pad.

Rotation Speed	5,000 RPM (without load) 4,000 RPM (with load)
Air Pressure	85 PSI ( 5.8 BAR • 0.58 MPA )
Max Air Pressure	90 PSI ( 6.0 BAR • 0.63 MPA )
Air Consumption	460 L / min. ( 16CFM )
Output	0.24 KW
Weight	1.02 kg
Noise	83 DB
Compressor	3.76 KW (5.0 HP)

## <To Use the Machine Longer>

-Please use a regulator to control the air pressure to a suitable level. If you increase the air pressure to increase rotation speed like you used to with Water Sander WS-5 (our older model), it will cause damage to the machine.

-Please use an air filters to avoid drained contaminated water.

-Use a backing pad exclusively made for WS-6 and WS-6S. When using other brand's backing pad, make sure that it rotates in a perfect circle, If other brand's backing pad is clearly not rotating in a perfect circle, stop using it as it will damage the polisher.

-Do not use polishing pads bigger than 100 mm (4"). Polishing pads bigger than 100 mm, such as 125 mm (5") will damage the machine.

-Please lubricate the machine using an air hose every time after use.

-An oil seal for a bearing is expendable. We recommend changing them regularly.

We offer 90 days warranty for the machine: any machine that became defect with an "ordinary" use of the machine, which is in accordance with our user's manuals will be covered by this warranty.

# SEVERAL CAUSES OF TROUBLES WITH WATER SANDER WS-6

1) It does not start.

- Wear of expendable parts such as gears, vanes and bearings.
- Rusts inside a motor.

2) It is slowing down / it does not rotate fast.

- Wear of expendable parts such as gears, vanes and bearings.
- Clogged muffler.
- Wear and/or rusting of other parts.

3) It is getting noisy.

- Wear of expendable parts such as gears, vanes and bearings.
- Deformed spindle.

4) It stopped feeding water.

- Clogged water adjust valve, and/or parts around the water adjust valve. Rusts in those parts would also cause this problem.

5) It does not stop feeding water.

- Loss or deterioration of a rubber section in the water adjust valve.

6) A shaft lock is not working.

- Wear of gears.
- Rusty lock button.
- Broken spring.

WS-6S



WS-6

