



WATER SANDER WS-6/WS-6S (With Safety Lever)

~ Pneumatic wet polisher ~

It has been 50 years since our world's first air polisher WS-5 was developed. Water Sander WS-6 and WS-6S had been developed with our latest Japanese technology.

The greatest features:

1. It is equipped with the latest motor, which increases the rotation speed and torque by up to 15% in spite of the reduction in air consumption.
2. WS-6 is the first product in the industry to feature the shaft lock system, so polishing pads can change easily. This shaft lock also helps to fix the polishing pads when they rotate around the axis without deflection.
3. The whole designing and manufacturing processes of WS-6 and WS-6S are in Japan. All designs, processes, and assembly of parts are made by Japanese craftsmen.



This new feature helps to change polishing pads so that polishing pads perfectly rotate in a circle without any damage to the machine.

PRODUCT INFORMATION

Rotation Speed	5000r.p.m. (without load) 4000r.p.m. (with load)
Max Working Pressure	0.4~0.6Mpa•80PSI
Air Consumption	16CFM•460L/Min
Output	0.24KW
Compressor	3.76KW (5.0HP)
Weight	1.02kg
Noise	83DB

WS-6

WS-6S



A rear exhaust system reduces noise while polishing, reduces splashes of motor oil on users, and keeps users from the cold air coming out of the polisher.



WS-6S is equipped with a safety lever to comply with the EU Mechanical Directives.

Maintenance disassembly





Q & A:

Q.1 What is a main cause of trouble?

A.1 There are mainly 2 causes, air pressure from Compressor and Drain. WS-6 is designed that suitable air pressure is 0.4~0.6 Mpa.
Old model was required more air pressure than new one. The people who replaced with new model often use with same amount of air pressure. Using more prescribed air pressure causes damage, because excessive spin strains gear.(By our research,over 8000 RPM in 5000 RPM generally)
Also it causes damage that Drain from compressor gets into Bearing.
Therefore we strongly recommend using Regulator air filter to prevent a failure cause.
WS-6 is a polisher that can use Back Pad,80φ to 100φ. It can not be used with other sizes to grind and cut.

Q.2 How long is a durability for each parts?

A.2 2000 hours for the parts of relevant gear, 300 ~ 1000 hours for the parts of relevant Bearing, 500 hours for Vane.
The broken gear due to the malfunction of Bearing is often seen.
We recommend a regular maintenance and a replacement for Bearing and Vane.

DAILY MAINTENANCE:



- 1:Drip lubrication oil 3~5 drops into air hose before and after using and then idle 30 seconds.
- 2:Check Backer Pad rotation before using, replacement new Backer Pad in case of not perfect circle.
- 3:Drain water out of air compressor.
- 4:Check the operation of air filter.
- 5:Check and adjust compressed air with regulator before using.

Caution!

- WS-6 and WS-6S are air tools specially designed for back pads with sizes up to 100mm, but they are not used for cutting and grinding.
- Make sure to use the air polisher with the specified air pressure (0.4~0.6Mpa 80PSI) and air consumption (16CFM 460L/min), otherwise higher air consumption will damage polishers. If using the older model polisher, air consumption should be taken into account.
- Using an air filter and regulator is highly recommended to prevent the WS-6's breakage.

