

WATER SANDER WS-6

WATER SANDER WS-6S

In 1968, we launched the first wet pneumatic polisher in the world called "WATER SANDER WS-5". Since then the Air Polishers have been used in the stone industries. In 2014, we have developed our new air polisher "WATER SANDER WS-6". Try our WS-6 with the latest technology representing Japan.

Characteristics:

1. Industry's first shaft lock system improves significantly work efficiency.



In order to replace the back pad, we had to use a wrench. To save time and trouble, we used the same backing pad to polish the flat and curved surfaces. When polishing the flat surface with the original backing pad, the wave pattern remains on the surface. And, the original backing pad was a little bit hard for polishing the curved surface and could not take advantages of flexible diamonds. Therefore, we created the new backing pad for flat surfaces.



With our Shaft lock feature, you can change the backing pad easily by pushing a button, and choose the most suitable backing pad depending on the area to polish. There are three backing pads available. The regular type, and two new types; Hard and Soft type. The hard type backing pad is for polishing the flat surface, and the soft one is for curved surface. All these backing pads are made in Japan and very light so they won't damage the polisher.

*Picture and movie of how to change the backing pad using shaft lock system.

*Pictures and movie of Backing pads (Hard & Soft)

2. Adopting the new designed motor

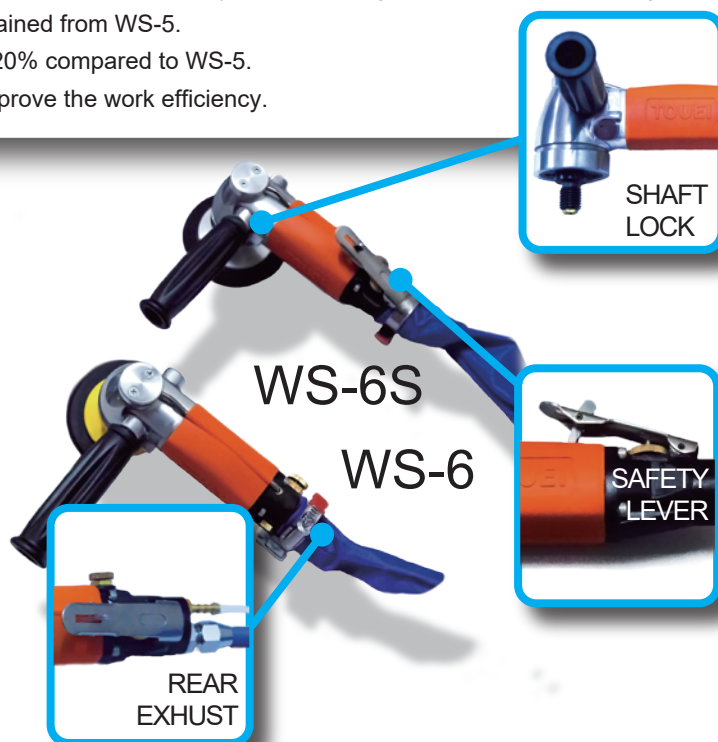
It has been 40 years since WS-5 was released. There are many products produced by benchmarking our WS-5. WS-6 is designed incorporating the latest technology, based on the knowledge obtained from WS-5.

We are able to reduce torque about 1.3 times and air amount by 20% compared to WS-5.

Energy saving and high output motor will reduce the cost and improve the work efficiency.

Specification

Rotation speed	5000r.p.m. (without load) 4000r.p.m. (with load)
Max working pressure	460L (16CFM) / Min
Output	0.24KW
Compressor	3.76KW (5.0HP)
Weight	1.02kg
Noise	83DB



Please note the following in order to use WS-6 properly

1. Use the polisher with suitable size of backing pad

WS-6/WS-6S is designed to use with the backing pad, its size up to 4-inch. If the backing pad larger than 4-inch was used, it will cause a damage to the gear. Also, it is not designed to use diamond tools and grindstones for cutting. It will cause a damage the machine. Please use our backing pad when polishing with the flexible dias. If the backing pad with misalignment is used, it will burden on the bearing and gear and cause a damage to the machine.

2. Use the appropriate amount of air

If you replace from the existing polisher such as WS-5 to WS-6, please be aware to use the appropriate amount of air.

If use the same amount of air as existing polishers, the rotation speed will be more than 8000PRM.

This high speed will cause a damage the machines.

The appropriate pressure of compressor is between 4.0 MPa~ 6.0 MPa . We recommend the pressure 5.0 MPa .

3. Prevent drain

There is contamination such as moisture and oil in the compressed air. This contamination will have a bad influence on the bearing.

Then the bearing fault will cause a damage to the gear. The bearing is damaged first, then the gear is damaged next.

Preventing drain will keep the machine work properly and will last the machine longer.

4. Lubricating before and after use

Lubricate the air hose with 5 or 6 drops before and after use. If not lubricate, the bearing and the gear will be rusted by the moisture in the compressed air.

In order to use WS-6/WS-6S longer, we recommend the following products to use together.

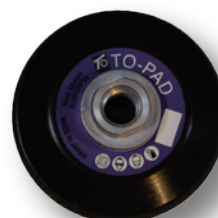
Filter Regulator



At our company, products with air filter and regulator become one,
We strongly recommend that you use one for each.

TOUEI PAD

Regular



Soft

Hard

TOUEI INC.

from **JAPAN** to you

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