MARMO+MAC™ 2022

THE BIGGEST **STONE** + **DESIGN** + **TECHNOLOGY** TRADE FAIR

TOUEI INC.

OSAKA, JAPAN

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

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.

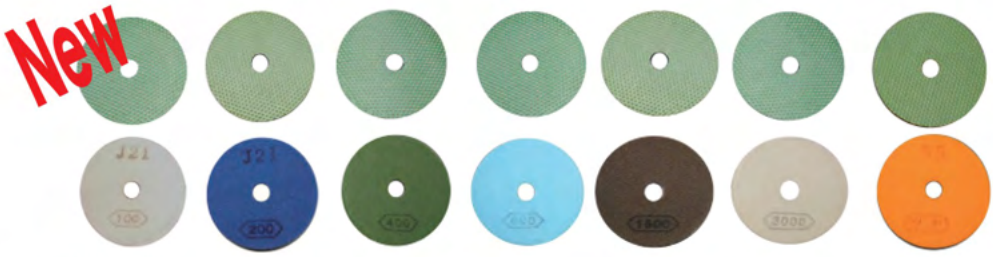
Caution!

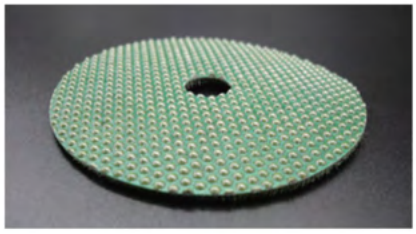
- WS-6 and WS-6S are air tools specially designed for back pads with sizes up to 100mm, but they are not used for cutting and grinding.
- Make sure to use the air polisher with the specified air pressure (0.4~0.6Mpa 80PSI) and air consumption (16CFM 460L/min), otherwise higher air consumption will damage 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.

NEW FLEX DIA TYPE P

Flexible diamond for artificial marble stone

This is a flexible diamond polishing pad specially designed for artificial Marble stone (Quartz・fine ceramics).
Its grinding and polishing ability is 10% higher than other common products. It helps improve work efficiency.
Please try it on hard-to-polish materials.



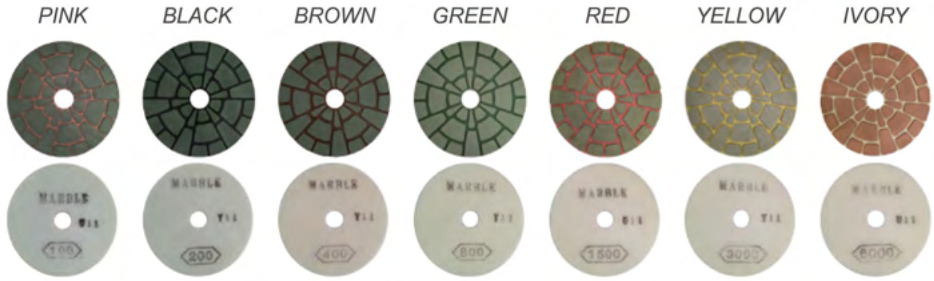


Specification. Size: 100 mm (4”) Grit: #100, #200, #400, #800, #1500, #3000, #Tsuya

MARBEL FLEX DIA

Hand pad for marble

This is a flexible diamond polishing pad specially designed for Marble stone. The original technology can maintain an outstanding polishing ability for a long time. It is not only used for Natural marble stone but also for artificial Marble stone.
Polishing steps can be reduced depending on the desired level of finish.



Properties.

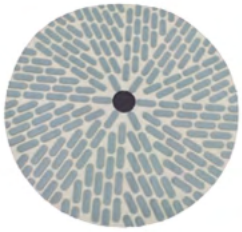
4 Steps (#200, #400, #800, #1500)	70GU
5 Steps (#200, #400, #800, #1500, #3000)	85GU
7 Steps (#100, #200, #400, #800, #1500, #3000, #6000)	100GU

Specification. Size: 80 mm (3”), 100 mm (4”) Grit: #100, #200, #400, #800, #1500, #3000, #6000

200mm MARBLE FLEX DIA DISC

8” Polishing disc for marble

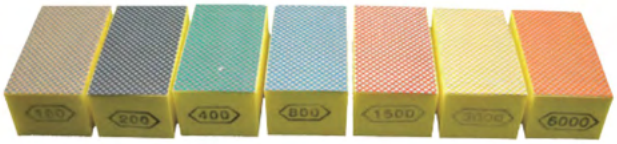
This is a 200mm diamond pad for marble. It can bring your marble back to amazing glossiness.



Specification. Size: 200 mm (8”) Grit: #60, #100, #200, #400, #800, #1500, #3000, #6000

MARBLE FLEX DIA HAND PAD

Diamond Hand Polishing Pad for Marble



The diamond hand polishing pad for marble has excellent polishing power.
It is ideal for cramped places where polishers are difficult to access
for operation or where there is no electricity and polishers cannot be used.
Therefore, this diamond hand polishing pad is easy to operate
in such places.

Specification. Size: 55 mm × 100mm Grit: #100,#200,#400,#800,#1500,#3000,#6000

WATER SANDER WS-C1

Pneumatic wet chamfering machine

Patent Pending

The chamfering a countertop requires highly skilled craftsmen. However, fewer and fewer craftsmen can cut an accurate 45-degree chamfer without changing the width of the surface. If using the WS-C1, it can be chamfered easily and beautifully, and no skilled craftsman is needed.

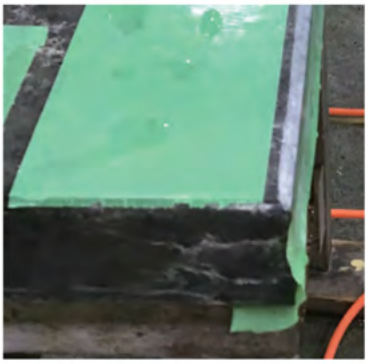
PRODUCT INFORMATION

Rotation Speed	17200r.p.m.
Max Working Pressure	0.4~0.6Mpa・80PSI
Air Consumption	16CFM・450L/Min
Output	0.24KW
Compressor	3.76KW (5.0HP)
Weight	1.05kg
Collet size	6φ

The first industry.

Direction for use

1. Protect the surface against scratches with the adhesive tape.
2. Attach the trimmer bit head to the WS-C1, move its body up and down the width of the chamfer, and firmly secure it.
3. Chamfer the countertop with the WS-C1.
4. Polish the chamfered part with a flexible diamond pad, etc.
5. Apply the Akemi transformer product to finish.



Direction for use As Video

Trimmer bit 45 degrees for WS-C1

Electric trimmer bit Dia Cone

Trimmer bit 45 degrees is used for chamfer-crossing, and it is specially designed for WS-C1.
It is suitable for granite, natural marble, artificial marble, and techno-ceramic.

Head diameter : 26 mm
Shank diameter : 6 mm
Head length : 12 mm

Trimmer bit R6 for WS-C1

Electric trimmer bit Dia R

Trimmer bit R6 degrees is used for round chamfer, and it is specially designed for WS-C1.
It is suitable for granite, natural marble, artificial marble, and techno-ceramic.

Head diameter : 18 mm
Shank diameter : 6 mm
Head length : 11 mm

Back Pad

Our back pads made in Japan have main 3 features:

1. Its rotating ability is almost perfect in a circle.Other cheaper back pads rotate with a misalignment in a circle, which can cause damage to the machine.
2. It is approximately 20% lighter than conventional back pads.
3. Besides the regular back pad, there are two new types: hard and soft. The hard type is used for flat surfaces, and the soft type is used for curved surfaces.

Regular

This regular pad reduces the burden on the polisher when rotating in a circle.

Hard

This hard pad is ideal for polishing flat surfaces and chamfer-crossing with our ultra-light design. Therefore, it perfectly reduces the burden on both polishers and on the users.

Soft

This soft pad has increased flexibility to polish curved surfaces such as bull-nose edges easily with spectacular effectiveness.

Type : Regular and Hard and Soft Size : 100mm(4”) Spindle : 5/8-11 / 14mm / 16mm

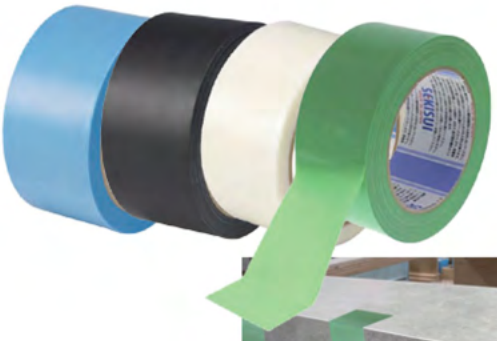
SEKISUI FIT LIGHT TAPE 738

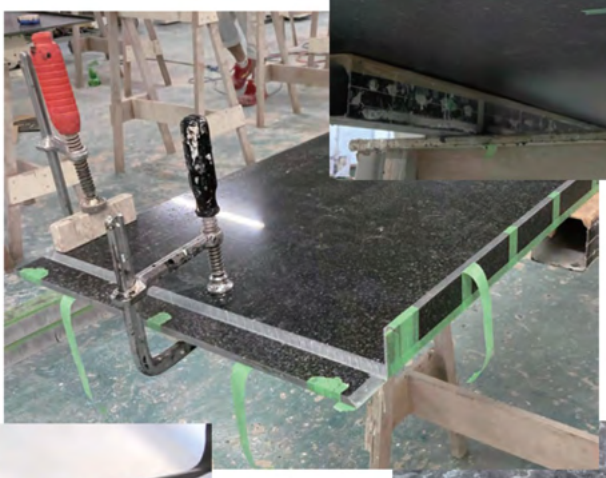
Adhesive tape

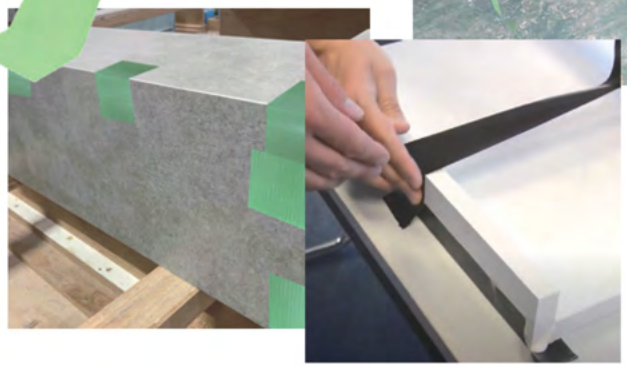
The Adhesive tape is used to protect the countertop and to fix the edges together.
It is an easy hand-tearable tape leaving virtually no residual glue on hands or objects once removed.

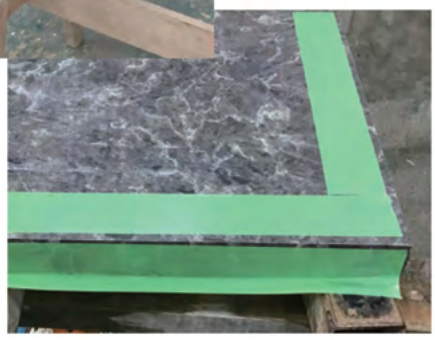
Specification.

Colour : Blue,Black,White,Green
Size : 50mm Width × 25M Length
50mm Width × 50M Length





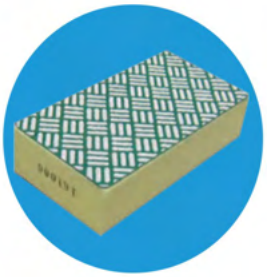




RAINBOW ERASER

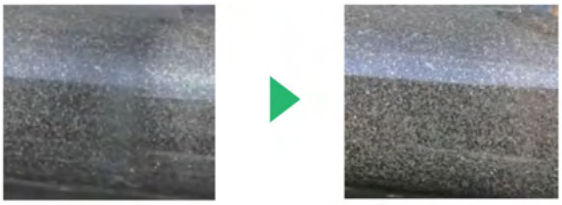
Rainbow stain remover

The rainbow eraser can easily remove the rainbow stains from black granite without damaging the stone.



Directions for use

1. Use water to wash away dust and grime around the rainbow stains.
2. Scrub the rainbow stains on the black granite with the rainbow eraser while adding water to the surface of the stone.
3. Just scrubbing a few times with the rainbow eraser can remove the rainbow stains from black granite.



Direction for use As Video

Caution:

The rainbow eraser product can't scratch the stone surface but dirt and grime can. Therefore, make sure to clean the surface of the stone with water before scrubbing the rainbow stains with the rainbow eraser.

PEARL NOZZLE

Ceramic nozzle for Sandblast engraving

The ceramic nozzle is a Japanese product, and it used for sandblast engraving. Compared with the nozzles made by boron, the ceramic nozzle delivers better cost performance and the efficiency of sandblast engraving can be maintained until the end because the nozzle mouth is not worn.

External diameter size Overall length 60mm
External diameter The points 8mm The base 12mm

Item Number	Hole diameter	Sand grain size	Remarks
SBN-218	φ1.8	#46	
SBN-220	φ2.0	#46	※ you can increase the compression pressure when you want to get the job done quickly.
SBN-260	φ2.5	#30 ～ #36	
SBN-232	φ3.2	#30 ～ #36	※ you can increase the compression pressure when you want to get the job done quickly.

Compatible sand hose adapters size.
outer diameter : 21mm,inside diameter : 9mm and outer diameter : 24mm,inside diameter : 12mm

About Us TOUEI INC.

Founded in 1955, TOUEI Inc. is the one and only company in Japan specializing in tools and supplies for the stone industry. We handle almost 15,000 items and we deal with more than 400 makers in Japan.Our aim is to contribute towards the development of the stone industry by introducting quality items made in Japan that embody fine technologies. You can see a catalogue of our items and other information such as how to use on our website.We will be happy to receive your orders.

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