



GPW-933A
Safety Lever

Spindle Thread 5/8"-11, M14
Pad Size 140 mm
Max. Speed 4,200 rpm
Horse Power 0.64 HP (477 W)
Net Weight 2.64 kgs
Length 330 mm
Air Cons. 0.47 m³/min (16.6 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 88 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 6 pcs/ 1.8 cu ft/ G.W.: 19 kgs
(without Air Hose / Water Hose)



GPW-211

Spindle Thread 5/8"-11, M14
Pad Size 140 mm
Max. Speed 5,000 rpm
Horse Power 0.62 HP (462 W)
Net Weight 2.20 kgs
Length 430 mm
Air Cons. 0.46 m³/min (16.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.0 mm
Sound Pressure 92 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 6 pcs/ 1.5 cu ft/ G.W.: 18 kgs
(without Air Hose / Water Hose)



GPW-215
Safety Lever

Spindle Thread 5/8"-11, M14
Max. Speed 11,000 rpm
Horse Power 0.61 HP (455 W)
Net Weight 2.00 kgs
Length 350 mm
Air Cons. 0.46 m³/min (16.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.0 mm
Sound Pressure 92 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 6 pcs/ 1.8 cu ft/ G.W.: 17 kgs
(without Air Hose / Water Hose)



GPW-7
Grip Lever

Spindle Thread 5/8"-11, M14, M16
Pad Size 3" or 4"
Max. Speed 4,500 rpm
Horse Power 0.43 HP (321 W)
Net Weight 1.17 kgs
Length 246 mm
Air Cons. 0.46 m³/min (15.9 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 84 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 10 pcs/ 1.4 cu ft/ G.W.: 20 kgs
(without Air Hose / Water Hose)



GPW-218
Grip Lever

Spindle Thread 5/8"-11, M14
Pad Size 3" or 4"
Max. Speed 3,600 rpm
Horse Power 0.43 HP (321 W)
Net Weight 1.27 kgs
Length 234 mm
Air Cons. 0.43 m³/min (15.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 84 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 1.4 cu ft/ G.W.: 22 kgs
(with Air Hose / Water Hose)



GPW-220
Grip Lever

Spindle Thread 5/8"-11, M14
Pad Size 3" or 4"
Max. Speed 3,600 rpm
Horse Power 0.52 HP (386 W)
Net Weight 1.27 kgs
Length 234 mm
Air Cons. 0.44 m³/min (15.5 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 80 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 1.3 cu ft/ G.W.: 21 kgs
(with Air Hose / Water Hose)



GPW-221
Grip Lever

Spindle Thread 5/8"-11, M14
Pad Size 3" or 4"
Max. Speed 3,600 rpm
Horse Power 0.52 HP (386 W)
Net Weight 1.27 kgs
Length 234 mm
Air Cons. 0.44 m³/min (15.5 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 80 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 1.3 cu ft/ G.W.: 21 kgs
(with Air Hose / Water Hose)



GPW-221L
Safety Lever

Spindle Thread 5/8"-11, M14
Pad Size 3" or 4"
Max. Speed 3,600 rpm
Horse Power 0.52 HP (386 W)
Net Weight 1.27 kgs
Length 234 mm
Air Cons. 0.44 m³/min (15.5 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 80 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 1.3 cu ft/ G.W.: 21 kgs
(with Air Hose / Water Hose)



GPW-510A
Wet Air Edge Profiling Machine

Max. Profiling Thickness 2-3 cm
Max. Speed 9,000 rpm
Horse Power 2.5 HP (1,864 W)
Spindle Size 3/22.2 x 10 mm
Net Weight 14.5 kgs
Length 300 mm
Width 210 mm
Height 270 mm
Air Cons. 1.13 m³/min (39.9 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 10 mm
Sound Pressure 82 dBA
Air Pressure 90 psi
Packing 1 pcs/ 1.2 cu ft/ G.W.: 15 kgs
(without Profile Wheel)



GPW-510B
Net Weight 7.1 kgs
Length 350 mm
Width 350 mm
Height 210 mm



GPW-510
Wet Air Edge Profiling Machine
(Inside / Outside)
GPW-510A + GPW-510B
(without Profile Wheel)



GPW-222Q
Wet Air Fluting Tool
Quick dis / assembly the fluting wheel

Max. Speed 2,500 rpm
Spindle Size 3/22.2 mm
Net Weight 1.87 kgs
Length 330 mm
Air Cons. 0.43 m³/min (15.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 95 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 1.5 cu ft/ G.W.: 22 kgs
(without Fluting Wheel)
(with Air Hose / Water Hose)



GPW-215C
Wet Air Cutting Saw

Disc Size 5" Dia
Saw Blade Drill Ø 22.2 mm
Spindle Thread 5/8"-11, M14
Max. Speed 11,000 rpm
Horse Power 0.61 HP (455 W)
Net Weight 2.02 kgs
Length 360 mm
Air Cons. 0.46 m³/min (16.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.0 mm
Sound Pressure 92 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 2.0 cu ft/ G.W.: 17 kgs
(without Air Hose / Water Hose)

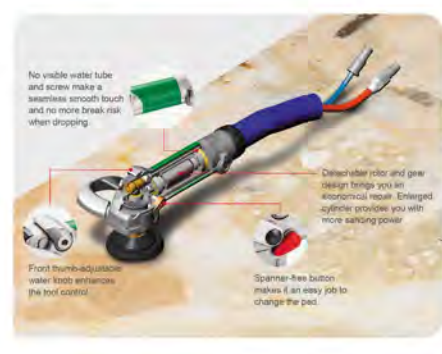
GPW-216C
Wet Air Cutting Saw

Disc Size 7" Dia
Saw Blade Drill Ø 22.2 mm
Spindle Thread 5/8"-11, M14
Max. Speed 7,000 rpm
Horse Power 0.93 HP (694 W)
Net Weight 3.18 kgs
Length 480 mm
Air Cons. 0.50 m³/min (17.7 cfm)
Air Inlet 3/8"
Hose Size (I.D.) 11 mm
Sound Pressure 93 dBA
Vibration < 3.2 m/sec²
Air Pressure 90 psi
Packing 4 pcs/ 2.8 cu ft/ G.W.: 15.3 kgs
(without Air Hose / Water Hose)



GPW-227
Wet Air Cutting Saw

Blade Ø 4-3/8" (110 mm)
Saw Blade Drill Ø 20 or 22 mm
Max. Cutting Depth 30 mm
Max. Speed 7,000 rpm
Net Weight 2.92 kgs
Length 330 mm
Air Cons. 0.47 m³/min (16.8 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 11 mm
Sound Pressure 85 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 4 pcs/ 1.8 cu ft/ G.W.: 15.5 kgs
(without Cutting Blade)
(without Air Hose / Water Hose)



GPW-212

Spindle Thread 5/8"-11, M14
Pad Size 140 mm
Max. Speed 2,600 rpm
Horse Power 0.62 HP (462 W)
Net Weight 2.20 kgs
Length 430 mm
Air Cons. 0.46 m³/min (16.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 95 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 6 pcs/ 1.5 cu ft/ G.W.: 18 kgs
(without Air Hose / Water Hose)



GPW-216
Safety Lever

Spindle Thread 5/8"-11, M14
Max. Speed 7,000 rpm
Horse Power 0.93 HP (694 W)
Net Weight 3.20 kgs
Length 430 mm
Air Cons. 0.50 m³/min (17.7 cfm)
Air Inlet 3/8"
Hose Size (I.D.) 11.0 mm
Sound Pressure 93 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 6 pcs/ 1.5 cu ft/ G.W.: 25 kgs
(without Air Hose / Water Hose)



GPW-7L
Safety Lever

Spindle Thread 5/8"-11, M14, M16
Pad Size 3" or 4"
Max. Speed 4,500 rpm
Horse Power 0.43 HP (321 W)
Net Weight 1.16 kgs
Length 242 mm
Air Cons. 0.46 m³/min (16.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 84 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 10 pcs/ 1.4 cu ft/ G.W.: 20 kgs
(without Air Hose / Water Hose)



GPW-218L
Safety Lever

Spindle Thread 5/8"-11, M14
Pad Size 3" or 4"
Max. Speed 3,600 rpm
Horse Power 0.43 HP (321 W)
Net Weight 1.27 kgs
Length 230 mm
Air Cons. 0.43 m³/min (15.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 84 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 1.4 cu ft/ G.W.: 22 kgs
(with Air Hose / Water Hose)



GPW-220L
Safety Lever

Spindle Thread 5/8"-11, M14
Pad Size 3" or 4"
Max. Speed 3,600 rpm
Horse Power 0.43 HP (321 W)
Net Weight 1.31 kgs
Length 250 mm
Air Cons. 0.43 m³/min (15.2 cfm)
Air Inlet 1/4"
Hose Size (I.D.) 6.5 mm
Sound Pressure 84 dBA
Vibration < 2.5 m/sec²
Air Pressure 90 psi
Packing 8 pcs/ 1.4 cu ft/ G.W.: 22 kgs
(with Air Hose / Water Hose)

● 90° Edge Polishing Auxiliary Base

Simple Operation · Perfect Finishing · Time Saving



Fix the clamp with end wood overlight, using when facilitates moving

GPW-A02A
90° Edge Polishing Auxiliary Base

Polishing Thickness 20~40 mm
Max. Pad Size 3" (75 mm)
Net Weight 1.87 kgs
Length 190 mm
Width 138 mm
Height 134 mm
Packing 8 pcs/ 1.5 cu ft/ G.W.: 15.5 kgs
(without Wet Air Sander / Polisher)



18 rolling wheels to facilitate moving



Polishing Depth Control
Enable to adjust / control the polishing depth, to avoid over-polishing which may cause uneven surface on the workpiece



GPW-A02B
90° Edge Polishing Auxiliary Base for Long / Big Slab

Polishing Thickness 5~50 mm
Max. Pad Size 4" (100 mm)
* Only for GPW-7/L
(without Wet Air Sander / Polisher)

GPW-A02
90° Edge Polishing Auxiliary Base
Economic Choice (Non-Polishing Depth Control)

Polishing Thickness 5~40 mm
Max. Pad Size 3" (75 mm)
(without Wet Air Sander / Polisher)

Demo movie <http://www.gison.com/gpw-a02a.htm>



Designed to fit various GISON's sanders / polishers, simply by changing the clamp. Quick change the abrasive / polishing pad while working.

Fit Tools



GP-940
Air Engraving-Scribe Pen

Shaft Material Steel
Stroke Speed 34,000 bpm
Stroke Length 1.2 mm
Net Weight 0.24 kg
Length 160 mm
Air Cons. 0.05 m³/min (1.8 cfm)
Air Inlet 1/8"
Hose Size 8.5 mm (OD)
Sound Pressure 75 dB(A)
Vibration 2.9 m/s²
Air Pressure 90 psi
Packing 20 pcs/ 1.74 cu ft/ G.W.: 7.0 kgs

GPW-4500 / GPW-7000
Air Hammer for fine masonry work, removing tile

Round Shaft, Built-in Air Regulator
Shaft Size of Chisel Ø10.2 mm
Stroke Speed 4,500 bpm / 7,000 bpm
Platen Stroke 38 mm
Platen Dia. 18 mm / 13 mm
Net Weight 0.73 kg / 0.75 kg
Length 150 mm
Air Cons. 0.12 m³/min (4.2 cfm)
Air Inlet 1/4"
Hose Size 8.5 mm
Sound Pressure 88 dB(A)
Air Pressure 90 psi
Packing 20 pcs/ 1.2 cu ft/ G.W.: 19 kgs
(with a Tungsten Steel Chisel)

GP-8244J
Micro Air Grinder

Collar Size 3 mm (1/8") or 6 mm (1/4")
Max. Speed 30,000 bpm
Net Weight 0.54 kg
Length 225 mm
Air Cons. 0.17 m³/min (6.0 cfm)
Air Inlet 1/4"
Hose Size 8 mm
Sound Pressure 84 dB(A)
Vibration < 2.3 m/s²
Air Pressure 90 psi
Packing 25 pcs/ 0.96 cu ft/ G.W.: 16 kgs

GP-902W
Wet Air Belt Sander

Belt Size 10 mm × 330 mm
Free Speed 18,000 rpm
Net Weight 0.93 kg
Length 330 mm
Air Cons. 0.40 m³/min
Air Inlet 1/4"
Hose Size 8.5 mm
Sound Pressure 85 dB(A)
Vibration 4.0 m/s²
Air Pressure 90 psi
Packing 20 pcs/ 1.8 cu ft/ G.W.: 17 kgs

GAS-617C
Seam Setter

Diameter 117 mm (4.6 inch)
Net Weight 2.00 kgs
Material Aluminum
Packing 5 pcs/ 2.4 cu ft/ G.W.: 14.2 kgs
* The Seam Setter is a solid-surface installation tool used for joining seams and leveling seams.

GAS-617H
Seam Setter

for Large Material
Diameter 200 mm (8 inch)
Net Weight 5.50 kgs
Material Aluminum
Packing 3 pcs/ 2.7 cu ft/ G.W.: 21.5 kgs
* The Seam Setter is a solid-surface installation tool used for joining seams and leveling seams.

GAS-617E
Seam Setter (Supporting Backsplash)

Diameter 117 mm (4.6 inch)
Net Weight 1.56 kgs
Material Aluminum
Packing 10 pcs/ 2.34 cu ft/ G.W.: 16.6 kgs
* The Seam Setter is a solid-surface installation tool used for stabilizing and supporting backsplashes.

GPW-A04A
Miter Clamp

- Fast clamp.
- Create accurate 90° seams.
- Open space design, place fascia and spread the glue easily.
- Quick lock and release mechanism.
- Plastic caps protect slab surface from scratches.
- Aluminum & Steel construction.
- Fascias capacity
- Max. Height 200 mm
- Thickness 12~40 mm

Pneumatic tools for stone industry



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Made in Taiwan
www.gison.com



ISO-9001 certified



● Beveling Auxiliary Base

Simple Operation · Perfect Finishing · Time Saving

Designed to fit various GISON's sanders / polishers / grinders, simply by changing the clamp. Quick change the abrasive / polishing pad while working.

Fit Tools



Adjust the beveling depth from 0.1~10 mm

Monometric scale to calibrate the chamfering depth

Adjust the desirable bevel angle from 15°~45°

8 rolling wheels to facilitate moving

GPW-A01
Beveling Auxiliary Base

Beveling Angle 15°~45°
Beveling Depth 0.1~10 mm
Max. Pad Size 4" (100 mm)
Net Weight 2.02 kgs
Length 200 mm
Width 190 mm
Height 170 mm
Packing 8 pcs/ 2.6 cu ft/ G.W.: 17.5 kgs
(without Wet Air Sander / Polisher / Grinder)



A01PDMP75G
Diamond Grinding Wheel (for Granite)

Diameter 75 mm
Weight 342 g
Grit Size 40#
Max. Beveling Depth 10 mm



A01PDMP75M
Diamond Grinding Wheel (for Marble)

Diameter 76 mm
Weight 364 g
Grit Size 40#
Max. Beveling Depth 10 mm



Demo movie <http://www.gison.com/gpw-a01.htm>

Comparison of Pneumatic & Electric Waterfed Tool

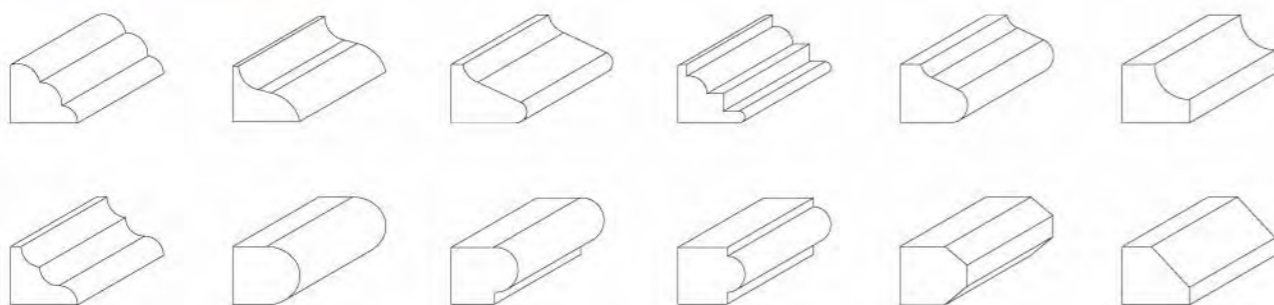
Factor \ Item	Pneumatic Waterfed Tool	Electric Waterfed Tool
Power System	Compressor / Compressed Air	Electricity
Convenience of Use	Air Compressor Required	Convenient, just put the plug in the socket
Electric Shock / Leakage of Electricity	Totally Avoid Electric Shock or Leakage of Electricity	In wet working environment, it is very dangerous to use electricity, and it requires insulation equipment & related accessories.
Size / Weight	Size and weight of cylinder and rotor are smaller than electric tools. Easy operation.	Large and heavy, because of the mechanism structure. It results inconvenient operation.
Long-time operation	Heat dissipation. Tools can be used continuously for a long time. Operators obtain high output at low cost.	Will be overheated and motor stops performing if tools have been using continuously for a long time. Users have to wait till tools are cooling down. It wastes labour cost and overtime on the job.
Safety Design for Overload/Profiling Danger /Effect	The design enables tools to reduce speed when torque is over-loaded and prevent the surface of slab to be damaged.	Speed of electric tool will remain the same and diamond bit is wearing fast when torque is overloaded. It damages the surface of slab and costs more to re-profile the slab.
Vibration & sound pressure occurred when using the tools	Less vibration and sound pressure reduce users' working fatigue, and enable them working longer.	Larger. Users feel tired after using tools for a while and cause occupational hazards.
Maintenance	Easy	More difficult

Profiling with waterfeed function

Water spouts through Central water exit or Flexuous water hose

- It scours the residue on diamond bit, extend the duration of the bit and increase production efficiency
- In stone profiling factory, dust is floating everywhere. When workers stay in such environment, they inhale large amount of dust particles and it results some occupational diseases of the respiratory system or physiology obstacle. Central water feed function reduces dust and improve environment protect, most importantly, it reduces the rate of workers who get "Pneumoconiosis".

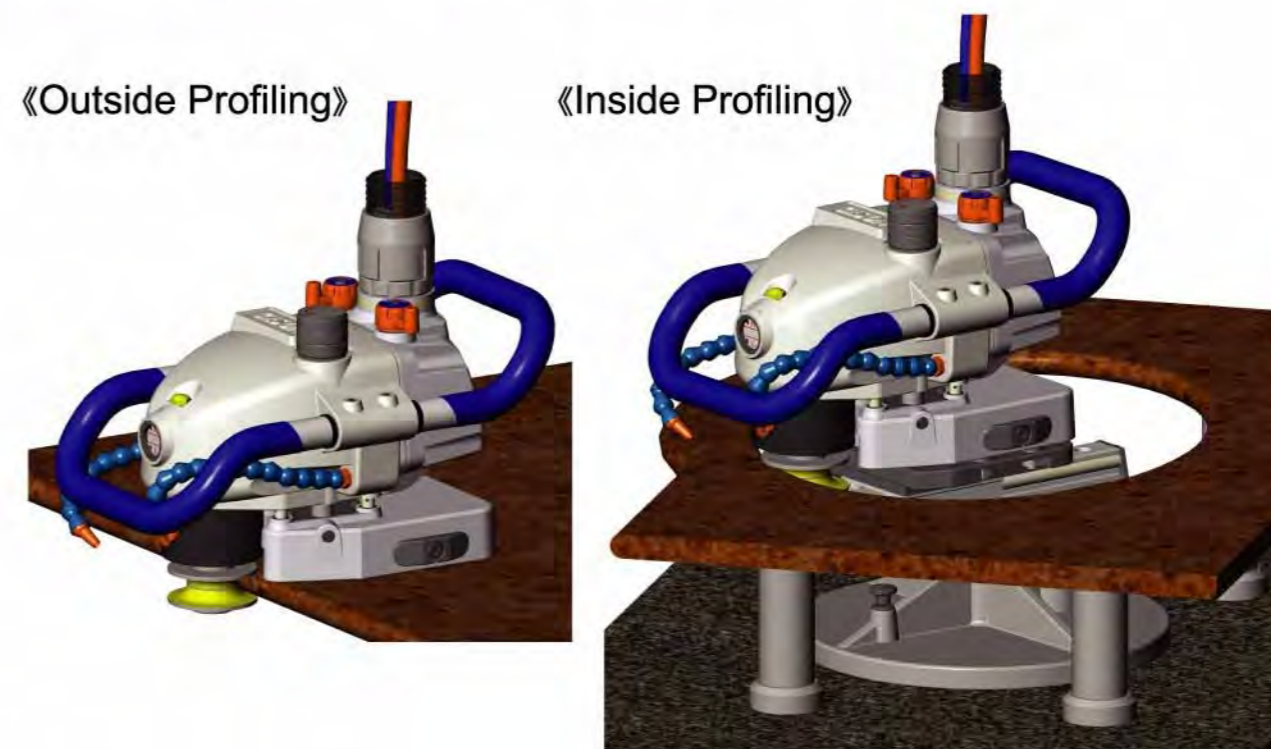
Pictures of profiles



Comparison of Wet Sander and Professional Edge Milling Machine

Factor \ Item	Wet Sander	Edge Milling Machine
Price of Tool/Machine	Low	High
Profiling steps	Many procedures and different tools required to process the slabs	Use different diamond bit to cut, shape and polish precision profiles easily and properly for different jobs or profiles. It increases production efficiency.
Profiling quality	Rely on professional fabricators to stabilize quality, or it may cost a lot to re-profile the slab.	Diamond bit is an important factor for profiling. Any trained fabricators can mill the edge and obtain professional result
Qualified fabricators	Fabricators' professional skills required.	Any trained fabricators can operate the machine.
Difficulties in profiling different shapes of edge	More difficult in profiling different shapes.	Use different diamond bit to profile various shapes. (see the pictures of profiles in page 4)
Inside shaping	Difficult	Use metal base for inside shaping, it allows profiling any shapes (within machine working area)

Profiling by Professional Edge Milling Machine



GPW-510A

Edge Milling Machine



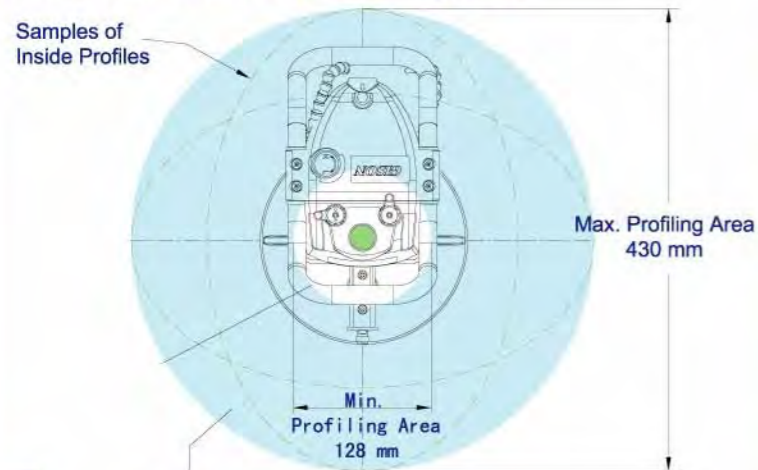
Features of Housing

Light weight, streamline and portable design, easy for operation, gravity casting housing carries long duration of machine.

GPW-510



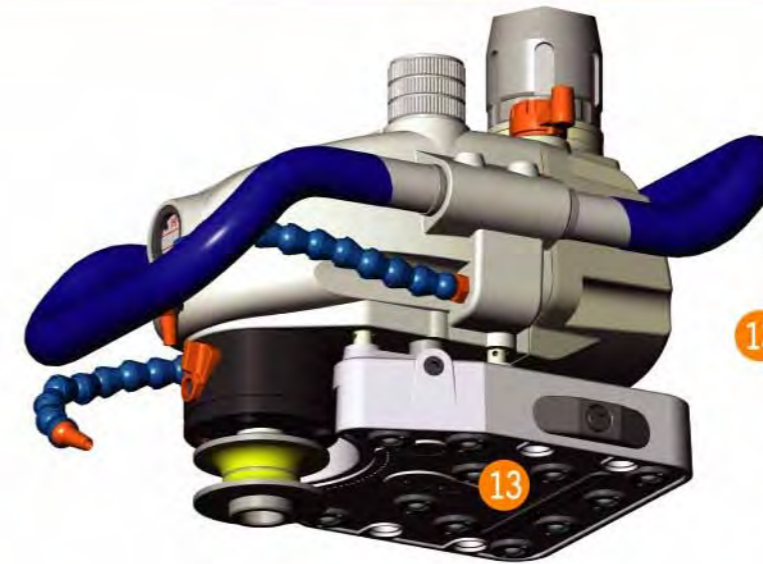
Interpretation of Inside Profiling Area:



All the shapes in light blue area are available for profiling. (The thickness of slab and height of diamond bit will effect profiling area)

Specifications

Max. Speed	9,000 rpm	
Horse Power	2.5 HP	
Air Cons	1.13 m ³ /min	
Hose Size	10 mm	
Sound Pressure	82.5 dBA	
Air Pressure	90 psi	
Max. Thick Stone	2 ~ 3 cm	
	510A	510B
Weight	14.5 kgs	7.1 kgs
Length	300 mm	350 mm
Width	210 mm	350 mm
Height	270 mm	210 mm



13 Rolling balls and water flowing on Base Plate

There are 13 rolling balls and air flowing on Base Plate, together with 2 water exits allowing the machine to glide smoothly and cleaning rolling balls and profiles. Most importantly surface of slab will not be scratched.

1 Water Regulator
Adjust water flow

2 Cylinder Lubricating Oil
Pour Cylinder Lubrication oil from Air Inlet Regulator, convenient for operators to maintain and daily oil the machine. This design is different from traditional one, which is to pour oil from Air Inlet Tube.

3 Regulator of adjusting height of machine
The function of adjusting height of machine enables operators to replace diamond bit and mill edge precisely (up to 35mm).

4 Gear Lubricating Oil Hole
Pour Gear Lubricating Oil directly from the hole. Fabricators can maintain the machine themselves and extend duration of gear.

5 Gear Lubricating Oil Gauge
This gauge shows the status of gear oil so that operators can replenish oil anytime. It helps to increase working efficiency, extend machine duration and save maintenance cost.

6 Working Handle
Ergonomic design of working handle enables users to work efficiently and reduce working fatigue. Rear working handle can support the machine when lift it up. Replace diamond bit easily for fabricators.

7 Shifting knob for diamond bit
Shifting knob enables users to lock the spindle for replacing diamond bit.

8 Flexuous water hose
The flexuous water hoses scour residue on diamond bit. It extends duration of bit and increases production efficiency

9 Exhaust Muffler Tube
Exhaust from muffler tube

- Avoid exhaust blowing to operators and affect working efficiency.
- Avoid exhaust to damage the surface of slab, or it will spend more labour cost and working hours to re-profile the slab.
- Muffler tube can lower down sound pressure to 84dBA and prevent occupational hazards

 Exhaust Locking Cap can swivel in 360 degree and avoid tubes to be twined. It is much more convenient for operation.

10 Linear Sliding Rail Mechanism
Enable users to connect the machine and bottom

Inside milling
Portable design of machine and metal base / linear sliding rail mechanism allow inside edge profiling and polishing as well as straight, curved and elliptical cuts.

11 Bottom Board / Linear Sliding Rail Mechanism
Revolutionary design produces high performance of inside shaping as well as straight, curved edge.

12 Metal base with vacuum function
Use Vacuum Handle to pump out air and stabilize the metal base. The machine can be slid smoothly on linear sliding rail.



GPW-510B

