# GISON AIR AIR TOOLS FOR STONE INDUSTRY

Made in Taiwan

www.gison.com.tw

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ISO-9001 certified ( E





# **Company History**

- **1973** Preceding company was Lin Foundry, established Gison Machinery Co., Ltd. in Taichung, and manufactured gears for auto and pneumatic parts.
- 1977 Changed business type from producing parts to Pneumatic tools.First company who manufactured 1" Heavy Duty Impact Wrench in Taiwan.
- **1982** First company who manufactured Pneumatic Angle Sander in Taiwan.
- **1983** First company who manufactured Pneumatic Grinder in Taiwan.
- **1985** Began to promote tools in GP brand in Taiwan.
- **1989** First company who manufactured Pneumatic Chipping Hammer in Taiwan.
- **1990** First company who manufactured Pneumatic Pavement Breaker in Taiwan.
- **1992** Moved to Wu Jih, Taichung County, re-newed production equipment and expanded production line.
- 1993 43 items passed GS-TÜV approval.
- **1994** Install AutoCAD 2D drawing software.
- **1995** According to European Market demand, accomplished Conformity of EC Declaration, Vibration and Sound Pressure testing for all items.
- **1996** First Pneumatic Manufacturer who achieved ISO-9002 certification.
- **1997** Install SolidWorks 3D drawing software.
- **2000** Developed and manufactured Pneumatic Wet Sanders / Polishers.

- **2001** First Company who developed and manufactured Pneumatic Profiling Machine for stone industry in Taiwan.
- **2002** The first Pneumatic Manufacturer who achieved ISO-9001 / 2000 certification in Taiwan.
- 2003 First Company who developed and manufactured Wet Air Stone Router in Taiwan. Developed and manufactured Air Random Orbital Sander with revolutionary design-No Spanners needed.
- **2004** GPW-510 Wet Air Stone Router win The 2004 Taiwan Symbol of Excellence (SOE) and 11th (2004) Innovation Research Award.



**2005** GPS-302 Air Random Orbital Sander win The 2005 Taiwan Symbol of Excellence (SOE)



- **2006** GPS-303 Air Random Orbital Sander win The 2006 Taiwan Symbol of Excellence (SOE).
- 2008 GPW-221 / 221L Wet Air Sander / Polisher win The 2008 Taiwan Symbol of Excellence (SOE).
- 2009 GPW-227 Wet Air Cutting Saw.
- 2011 GPW-A01 Wet Air Beveling Machine. Our new office, showroom and product's life testing room completed.
- **2012** GPW-A04A Mitre Clamp form Marble, Granite, Stone.
- **2013** GPW-M1 Sink Oval Hole Cutter / Router for Wash-Basin (Stone, Marble, Granite).
- **2014** New Products integrate new vacuum suction cups that can apply to any rough surfaces.
- 2015 GPW-M2 Wet Air Hole Drilling / Cutting / Forming Milling Machine.



# **Company Profile**

We specialize in manufacturing air tools for 38 years and achiever ISO-9002 in 1996.

Our product range comprises Air Grinder, Sander, Polisher, Wrench, Hammer, Screwdriver, Drill.... etc.

Many of our tools patented in Taiwan, Europe and USA, recently we developed a range of Wet Sanders for stone industry and broke into Stone Equipment Market successfully.

We have been selling GP Tools in more than 40 countries, and we

- Take into serious consideration on each customer's complain and solve it responsibly.
- Extensive production range, accept orders of mixed models with small quantities and prompt delivery on time.
- Sufficient consuming parts efficiently meet customer's demand of repairing tools.
- Catch the customers' technical demand for the tools due to well professional knowledge.
- According to customers' demand to design and develop new products with safety, convenience and good quality.









Wet Air Hole Drilling / Cutting / Forming Milling Machine (Hole Cutter)

Simple Quick Perfect Finishing Time Saving Low Cost

# **Specifications**

Max. Free Speed Air Cons Weight 9,700 rpm 0.56 m<sup>3</sup>/min (19.8 scfm) – for Air Motor 0.35 m<sup>3</sup>/min (12.4 scfm) – for Air Vacuum Suction 36 kgs 116.2 x 67.3 x 38.5 cm (LxWxH)

# **Features**

Size

- 3 in 1 MACHINE combining different working application on Drilling Hole, Cutting, Forming Milling.
- Compact device, it can put on slab to operate. Unlike large former plate or computer-controlled machine needs to occupy a lot of space.
- Fast and reliable cut the required shape by template, without repeated renovation, most people can operate, saving time / cost.
- Fast installation and move on slab ( Available on Slab Back ).
- Quick installation / replacement diamond bits.
- Multi-water spray way (from Diamond Bits Center or Flexible water pipe).
- Adjustable the volume of water.
- The unique torque sensitive cutting speed characteristics of the pneumatic tool, can reduce slab cutting rupture chances.
- We can follow user's require to produce any size (Length x Width).



Working Area

Length

Width

Length Width

Available Cutting Size without Template

Max. 60 cm Max. 40 cm

Available Cutting Size by Template

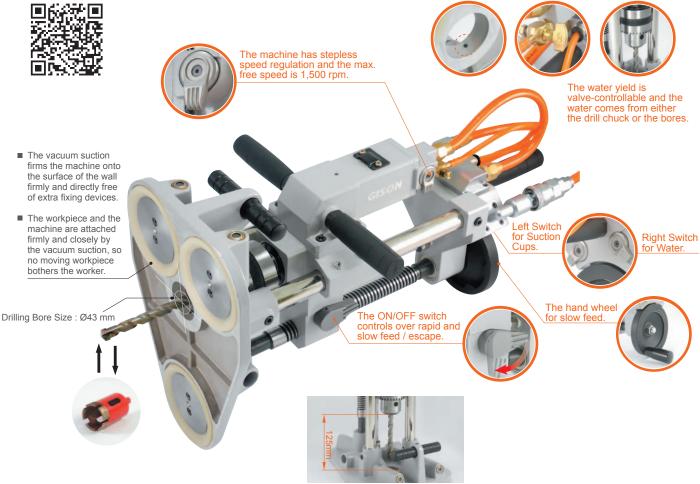
Max. 45 cm

Max. 40 cm





Portable Air Drilling Machine (include Vacuum Suction Fixing Base) \* The New vacuum suction cup can apply to any rough surfaces



Max. Drill Bit Length: 125 mm

The conventional suction can only apply to smooth surfaces, but the novel vacuum suction fixing base can apply to coarse surfaces such as cement wall, lumber plywood, stone back, etc.

# **Specifications**

Max. Free Speed Drill Chuck Size Max. Drill Bit Length Suction Cup Size Drilling Bore Size Weight Size Working Pressure Air Inlet Hose Size (I.D.) Air Cons Sound Pressure 1,500 rpm 5/8" (16 mm) 125 mm 86 mm x 3 pcs Ø43 mm 9.53 kgs 46 x 24 x 28 cm (Horizontal, LxWxH) 6.3 kgf/cm<sup>2</sup> (90 psi) 1/4" 6.5 mm 0.56 m<sup>3</sup>/min (20 SCFM) 92 dBA









# Wet Air Profiling Machine Wet Air Stone Router



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Wet Air Profiling Machine

# Water Regulator

Adjust water flow

#### Cylinder Lubricating Oil

Pour Cylindr Lubrication oil from Air Inlet Regulator, convenient for operators to maintaiin and daily oil the machine. This design is different from traditional one, which is to pour oil from Air Inlet Tube.



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

#### Gear Lubricating Oil Hole

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

#### 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.

#### 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 fo fabricators.



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## Shifting knob for diamond bit

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

#### Flexuous water hose

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

### Exhaust Muffler Tube

Exhaust form muffler tube

- Avoid exhaust blowing to poerators 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 84 dBA 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.

#### 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.



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



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# Bottom Board / Linear Sliding Rail Mechanism

Revolutionary design produces high performance of inside shaping as well as straight, curved edge.



Use Vacuu;m Handle to pump out air and stabilize the metal bast. The machine can be slid smoothly on linear sliding rail.



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## GPW-510A Wet Air Edge Profiling Machine

Max. Profiling Thickness
Max. Speed
Horse Power
Spindle Size
Max. diameter of Profile wheel
Net Weight
Length
Width
Height
Air Cons.
Air Inlet
Hose Size (I.D.)
Sound Pressure
Air Pressure
Packing
(without Profile Wheel)

2~3 cm 9,000 rpm 2.5 HP (1,864 W) Ø22.2 x 10 mm x M10 x P1.5 Ø80 mm (3-1/8") 14.5 kgs 300 mm 210 mm 270 mm 1.13 m<sup>3</sup>/min (39.9 scfm) 1/4" 10 mm 82.5 dBA 90 psi 1 pcs/ 1.3 cu.ft/ G.W.: 15 kgs



# Interpretation of Inside Profiling Area :



ples of e Profiles Max Profiling Area 430 mm Min Profiling Area 128 mm

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

GPW-510 Wet Air Edge Profiling Machine (Inside / Outside)

GPW-510A + GPW-510B (without Profile Wheel)

# GPW-510B Rail Bracket for GPW-510A

Net Weight7.1 kgsLength350 mmWidth350 mmHeight210 mm



# **GPW-222Q**

Wet Air Fluting Tool Quick dis / assembly the fluting wheel

Guard Size Spindle Size Max. Speed Max. Flutting Wheel Thiclcness Net Weight Length Air Cons. Air Inlet Hose Size (I.D.) Sound Pressure Vibration Air Pressure Packing (with Water Hose) (without Air Hose) (without Fluting Wheel)

4" (100 mm) Ø22 mm 2,500 rpm 20 mm 1.87 kgs 330 mm 0.43 m<sup>3</sup>/min (15.2 scfm) 1/4" 6.5 mm 95 dBA < 2.5 m/sec<sup>2</sup> 90 psi 8 pcs/ 2.4 cu.ft/ G.W.: 24 kgs



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# **GPW-214C GPW-215C** Wet Air Cutting Saw

Guard Size

Saw Blade Drill Ø Spindle Thread Max. Speed Horse Power Net Weight Length Air Cons. Air Inlet Hose Size (I.D.) Sound Pressure Vibration Air Pressure Packing (without Cutting Blade) (without Air Hose / Water Hose)

GPW-214C : 4" (100 mm) GPW-215C : 5" (125 mm) 22.2 mm 5/8"-11, M14 11,000 rpm 0.61 HP (455 W) 2.02 kgs 380 mm 0.46 m<sup>3</sup>/min (16.2 scfm) 1/4" 8.0 mm 92 dBA < 2.5 m/sec<sup>2</sup> 90 psi 6 pcs/ 2.0 cu.ft/ G.W.: 17 kgs



# **GPW-216C** Wet Air Cutting Saw

Guard Size 7" (178 mm) Saw Blade Drill Ø 22.2 mm 5/8"-11, M14 Spindle Thread Max. Speed 6,500 rpm Horse Power 0.93 HP (694 W) Net Weight 3.18 kgs Length 485 mm 0.50 m<sup>3</sup>/min (17.7 scfm) Air Cons. Air Inlet 3/8" Hose Size (I.D.) 11 mm Sound Pressure 93 dBA Vibration 3.2 m/sec<sup>2</sup> Air Pressure 90 psi Packing 4 pcs/ 2.8 cu.ft/ G.W.: 18.3 kgs (without Cutting Blade) (without Air Hose / Water Hose)

#### **GPW-227** Wet Air Cutting Saw

Guard Size 4-3/8" (110 mm) 20 or 22 mm Saw Blade Drill Ø Max. Cutting Depth 30 mm Max. Speed 7,000 rpm Net Weight 2.92 kgs Length 330 mm Air Cons. 0.47 m<sup>3</sup>/min (16.6 scfm) Air Inlet 1/4" 11 mm Hose Size (I.D.) Sound Pressure 85 dBA Vibration < 2.5 m/sec<sup>2</sup> Air Pressure 90 psi 4 pcs/ 1.8 cu.ft/ G.W.: 15.5 kgs Packing (without Cutting Blade) (without Air Hose / Water Hose)





# **GPW-211** Wet Air Polisher / Sander

Spindle Thread	5/8"-11, M14
Pad Size	5.5" (140 mm)
Max. Speed	4,500 rpm
Horse Power	0.62 HP (462 W)
Net Weight	2.20 kgs
Length	430 mm
Air Cons.	0.46 m <sup>3</sup> /min (16.2 scfm)
Air Inlet	1/4"
Hose Size (I.D.)	6.5 mm
Sound Pressure	97 dBA
Vibration	< 2.5 m/sec <sup>2</sup>
Air Pressure	90 psi
Packing	6 pcs/ 1.5 cu.ft/ G.W.: 17 kgs
(without Air Hose /	Water Hose)



# **GPW-212** Wet Air Polisher / Sander

Spindle Thread 5/8"-11. M14 Pad Size 5.5" (140 mm) Max. Speed 2,500 rpm Horse Power 0.62 HP (462 W) 2.20 kgs Net Weight Length 430 mm Air Cons. 0.46 m<sup>3</sup>/min (16.2 scfm) Air Inlet 1/4" Hose Size (I.D.) 6.5 mm Sound Pressure 95 dBA Vibration < 2.5 m/sec<sup>2</sup> Air Pressure 90 psi Packing 6 pcs/ 1.5 cu.ft/ G.W.: 17 kgs (without Air Hose / Water Hose)



# **GPW-933A** Wet Air Polisher / Sander

Spindle Thread	5/8"-11, M14
Pad Size	5.5" (140 mm)
Max. Speed	4,000 rpm
Horse Power	0.64 HP (477 W)
Net Weight	2.64 kgs
Length	330 mm
Air Cons.	0.47 m <sup>3</sup> /min (16.6 scfm)
Air Inlet	1/4"
Hose Size (I.D.)	6.5 mm
Sound Pressure	88 dBA
Vibration	< 2.5 m/sec <sup>2</sup>
Air Pressure	90 psi
Packing	6 pcs/ 1.8 cu.ft/ G.W.: 19 kgs
(without Air Hose	/Water Hose)



# **GPW-215** Wet Air Grinder

Spindle Thread 5/8"-11, M14 Guard Size 5" (125 mm) Pad Size 5.5" (140 mm) Max. Speed 11,000 rpm Horse Power 0.61 HP (455 W) Net Weight 2.00 kgs Length 300 mm Air Cons. 0.46 m<sup>3</sup>/min (16.2 scfm) Air Inlet 1/4" Hose Size (I.D.) 8.0 mm Sound Pressure 92 dBA Vibration < 2.5 m/sec<sup>2</sup> 90 psi Air Pressure Packing 6 pcs/ 1.8 cu.ft/ G.W.: 17 kgs (with Guard / Sanding Pad) (without Air Hose / Water Hose) (without Cup Wheels)



# **GPW-216** Wet Air Grinder

Spindle Thread 5/8"-11, M14 Guard Size 7" (178 mm) Pad Size 5.5" (140 mm) Max. Speed 6,500 rpm Horse Power 0.93 HP (694 W) Net Weight 3.20 kgs Length 430 mm Air Cons. 0.50 m<sup>3</sup>/min (17.7 scfm) Air Inlet 3/8" Hose Size (I.D.) 11.0 mm Sound Pressure 93 dBA 3.2 m/sec<sup>2</sup> Vibration Air Pressure 90 psi Packing 6 pcs/ 1.5 cu.ft/ G.W.: 25 kgs (with Guard / Sanding Pad) (without Air Hose / Water Hose)

(without Cup Wheels)





### **GPW-7** Wet Air Polisher / Sander

Spindle Thread 5/8"-11, M14, M16 Pad Size 3" (75 mm) or 4" (100 mm) Max. Speed 4,500 rpm Horse Power 0.43 HP (321 W) Net Weight 1.17 kgs Length 246 mm Air Cons. 0.46 m<sup>3</sup>/min (16.2 scfm) Hose Size (I.D.) 6.5 mm Sound Pressure 84 dBA Vibration < 2.5 m/sec<sup>2</sup> Air Pressure 90 psi 10 pcs/ 1.4 cu.ft/ G.W.: 20 kgs Packing (without Air Hose / Water Hose)



# **GPW-218** Wet Air Polisher / Sander

Spindle Thread 5/8"-11, M14 Pad Size 3" (75 mm) or 4" (100 mm) Max. Speed 5,000 rpm Horse Power 0.43 HP (321 W) Net Weight 1.23 kgs Length 234 mm Air Cons. 0.45 m<sup>3</sup>/min (15.9 scfm) Hose Size (I.D.) 6.5 mm Sound Pressure 84 dBA Vibration < 2.5 m/sec<sup>2</sup> Air Pressure 90 psi Packing 8 pcs/ 1.4 cu.ft/ G.W.: 22 kgs (with Air Hose / Water Hose)



# **GPW-220** Wet Air Polisher / Sander

Spindle Thread	5/8"-11, M14
Pad Size	3" (75 mm) or 4" (100 mm)
Max. Speed	3,600 rpm
Horse Power	0.43 HP (321 W)
Net Weight	1.27 kgs
Length	234 mm
Air Cons.	0.43 m <sup>3</sup> /min (15.2 scfm)
Hose Size (I.D.)	6.5 mm
Sound Pressure	84 dBA
Vibration	< 2.5 m/sec <sup>2</sup>
Air Pressure	90 psi
Packing	8 pcs/ 1.5 cu.ft/ G.W.: 23 kgs
(with Air Hose / V	Vater Hose)



### **GPW-7L** Wet Air Polisher / Sander

Spindle Thread Pad Size Max. Speed Horse Power Net Weight Length Air Cons. Hose Size (I.D.) Sound Pressure Vibration Air Pressure Packing	5/8"-11, M14, M16 3" (75 mm) or 4" (100 mm) 4,500 rpm 0.43 HP (321 W) 1.16 kgs 242 mm 0.46 m <sup>3</sup> /min (16.2 scfm) 6.5 mm 84 dBA < 2.5 m/sec <sup>2</sup> 90 psi 10 pcs/ 1.4 cu.fl/ G.W.: 20 kgs
Packing (without Air Hose	
(without Air 1103c	



## **GPW-218L** Wet Air Polisher / Sander

Spindle Thread	5/8"-11, M14	Spir
Pad Size	3" (75 mm) or 4" (100 mm)	Pad
Max. Speed	5,000 rpm	Max
Horse Power	0.43 HP (321 W)	Hors
Net Weight	1.27 kgs	Net
Length	250 mm	Leng
Air Cons.	0.43 m <sup>3</sup> /min (15.2 scfm)	Air C
Hose Size (I.D.)	6.5 mm	Hos
Sound Pressure	84 dBA	Sou
Vibration	< 2.5 m/sec <sup>2</sup>	Vibr
Air Pressure	90 psi	Air F
Packing	8 pcs/ 1.5 cu.ft/ G.W.: 23kgs	Pac
(with Air Hose / Wa	ater Hose)	(with



# **GPW-220L** Wet Air Polisher / Sander

pindle Thread ad Size lax. Speed orse Power let Weight ength ir Cons. lose Size (I.D.) ound Pressure ibration ir Pressure	5/8"-11, M14 3" (75 mm) or 4" (100 mm) 3,600 rpm 0.43 HP (321 W) 1.31 kgs 250 mm 0.43 m <sup>3</sup> /min (15.2 scfm) 6.5 mm 84 dBA < 2.5 m/sec <sup>2</sup> 90 psi
ir Pressure acking vith Air Hose / Wa	8 pcs/ 1.5 cu.ft/ G.W.: 23 kgs



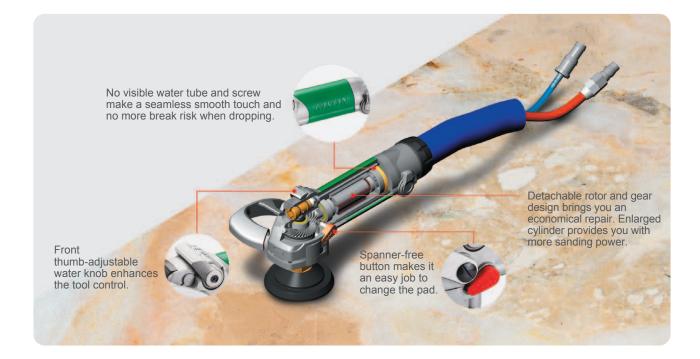
# GPW-221 Wet Air Polisher / Sander

Spindle Thread	5/8"-11, M14
Pad Size	3" (75 mm) or 4" (100 mm)
Max. Speed	3,600 rpm
Horse Power	0.52 HP (388 W)
Net Weight	1.52 kgs
Length	285 mm
Air Cons.	0.44 m <sup>3</sup> /min (15.5 scfm)
Hose Size (I.D.)	6.5 mm
Sound Pressure	80 dBA
Vibration	< 2.5 m/sec <sup>2</sup>
Air Pressure	90 psi
Packing	8 pcs/ 1.3 cu.ft/ G.W.: 21 kgs
(with Air Hose / V	Vater Hose)



# GPW-221L Wet Air Polisher / Sander

Spindle Thread	5/8"-11, M14
Pad Size	3" (75 mm) or 4" (100 mm)
Max. Speed	3,600 rpm
Horse Power	0.52 HP (388 W)
Net Weight	1.61 kgs
Length	295 mm
Air Cons.	0.44 m <sup>3</sup> /min (15.5 scfm)
Hose Size (I.D.)	6.5 mm
Sound Pressure	80 dBA
Vibration	< 2.5 m/sec <sup>2</sup>
Air Pressure	90 psi
Packing	8 pcs/ 1.3 cu.ft/ G.W.: 21 kgs
(with Air Hose / V	Vater Hose)



# 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



GPW-7



GPW-7L



GPW-218



GPW-218L



GPW-220



GPW-220L



# 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/ 3.5 cu.ft/ G.W.: 17.7 kgs
(without Wet Air	Sander / Polisher / Grinder)







### A01PDMP75G Diamond Grinding Wheel (for Granite)

Diameter Weight Height Grit Size Thread 75 mm 432 g 45 mm 40# Sintered M14 or 5/8"-11



# A01PDMP75M Diamond Grinding Wheel (for Marble)

Diameter Weight Height Grit Size Thread 75 mm 437 g 45 mm 40# Electroplated M14 or 5/8"-11

# Simple Operation · Perfect Finishing · Time Saving



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Non-Vacuum

**GPS-304C Central Vacuum** 



**GPS-304S** Self-Generated Vacuum

	GPS-304 Series	
3", 3-1/2", 5", 6" 5", 6"		
10,000 rpm		
0.32 HP (239W)		
0.69 kgs	0.75 kgs	0.74 kgs
160 mm	251 mm	241 mm
86 mm		
0.36 m³/min (12.7 scfm)		
1/4"		
6.5 mm		
83 dBA	84 dBA	88 dBA
< 2.5 m/sec <sup>2</sup>		
12 pcs/ 1.8 cu.ft/ G.W.: 13.2 kgs	8 pcs/ 1.5 cu.ft/ G.W.: 10.2 kgs	6 pcs/ 1.8 cu.ft/ G.W.: 9.2 kgs
	0.69 kgs 160 mm 83 dBA	3", 3-1/2", 5", 6" 5",   10,000 rpm 0.32 HP (239W)   0.69 kgs 0.75 kgs   160 mm 251 mm   86 mm 0.36 m³/min (12.7 scfm)   1/4" 1/4"   6.5 mm 6.5 mm   83 dBA 84 dBA   < 2.5 m/sec <sup>2</sup> 1/4"

Features : (Patents Patented) 1. Oil Free

Model

- 2. Bearing-Oil Leakage prevention performs longer life. Patent : US7,029,253 B2
- 3. Unique Cylinder-Air-Inlet ensures less maintenance damage.
- 4. No Spanner Needed when Replacing Pad. Patent : US7,014,548 B1
- 5. Housing Shroud totally protects housing from dust adhesion. Patent : US6,997,792 B2



GPS-303/304 No Spannder design Patent: US7,014,548 B1



GPS-303/304 **Bottom View** Patent: US6,997,792 B2

(Color of lever)

#### **Diameter Orbit:**





# GP-823AR2 Mini. Air Angle Polisher

	<u> </u>
Pad Size	2" (50mm)
Free Speed	3,000 rpm
Net Weight	0.88 kgs
Length	178 mm
Air Cons.	0.48 m³/min (16.9 scfm)
Air Inlet	1/4"
Hose Size	6.5 mm
Sound Pressure	70 dBA
Vibration	< 2.5 m/sec <sup>2</sup>
Air Pressure	90 psi
Packing	20 pcs/ 1.6 cu.ft/ G.W.: 25 kgs



# **GP-902W** Wet Air Belt Sander

10 mm × 330 mm
16,000 rpm
0.93 kgs
330 mm
0.56 m³/min (19.8 scfm)
1/4"
6.5 mm
88 dBA
4.0 m/sec <sup>2</sup>
90 psi
20 pcs/ 1.6 cu.ft/ G.W.: 17 kgs



# GP-8240D Micro Air Grinder

	GP-8240D Micro Air Grinder	GP-8246C Micro Air Grinder
Collet Size	3 mm (1/8") & 6 mm (1/4")	3 mm (1/8")
Max Speed	35,000 rpm	60,000 rpm
Net Weight	0.50 kgs	0.35 kgs
Length	175 mm	135 mm
Air Cons.	0.34 m <sup>3</sup> /min (12 scfm)	0.23 m <sup>3</sup> /min (8.1 scfm)
Air Inlet	1/4"	1/4"
Hose Size (I.D.)	5 mm	5 mm
Sound Pressure	82 dBA	85 dBA
Vibration	< 2.5 m/sec <sup>2</sup>	< 2.5 m/sec <sup>2</sup>
Air Pressure	90 psi	90 psi
Packing	20 pcs/ 0.9 cu.ft/ G.W.: 11 kgs	25 pcs/ 0.96 cu.ft/ G.W.: 16 kgs

Air Sander

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	GP-891 GP-891H Air Chipping		GP-190C GP-190C Air Hammer	H	GP-250C GP-250C Air Hammer	н	
Model	GP-891	GP-891H	GP-190C	GP-190CH	GP-250C	GP-250CH	
Stroke Speed	3,600	) bpm	3,500	) bpm	2,100	bpm	
Piston Stroke	50 mm		67	mm	89 mm		
Shank Size	⊘14.95 mm	①12.80 mm	⊘10.1 mm	(]) 9.8 mm	⊘10.1 mm	( <b>]</b> )9.8 mm	
Net Weight	2.8	kgs	1.50	kgs	2.00	kgs	
Length	254 mm		171	mm	225	mm	
Air Cons.	0.35 m <sup>3</sup> /min (12.4 scfm)		0.42 m³/min	(14.8 scfm)	0.42 m³/min	(14.8 scfm)	
Air Inlet	3/8"		1/	4"	1/4	1"	
Hose Size (I.D.)	8 mm		6.5 mm		6.5 mm		
Sound Pressure	92 dBA		Pressure 92 dBA 99 dBA		dBA	96 d	BA
Vibration	10.4 m/sec <sup>2</sup>		10.4 m/sec <sup>2</sup> 8.4 m/sec <sup>2</sup>		13.5 m	n/sec <sup>2</sup>	
Air Pressure	90 psi		90 psi		90 psi		
Packing	6 pcs/ 0.8 cu.f	t/ G.W.: 21 kgs	1 kgs 10 pcs/ 0.8 cu.ft/ G.W.: 16.5 kgs		10 pcs/ 1 cu.ft/ G.W.: 21 kgs		

Model	GPW-4500	GPW-7000
Stroke Speed	4,500 bpm	7,000 bpm
Piston Stroke	36	mm
Shank Size	Ø10.	2 mm
Net Weight	0.73 kgs	0.75 kgs
Length	155	mm
Air Cons.	0.12 m <sup>3</sup> /min (4.2 scfm)	
Air Inlet	1/	4"
Hose Size (I.D.)	6.5	mm
Sound Pressure	88 (	dBA
Air Pressure	90	psi
Packing	20 pcs/ 1.2 cu.ft/ G.W.: 19 kgs	



GPW-4500 GPW-7000 Mini. Air Hammer For Fine Masoney Work Built-in Air Regulator With a Tungsten Steel Chisel Flat Tungsten Steel Chisel (For GPW-4500 / 7000)



**GPW-FR17S** Round Shank Length : 162 mm

Model	GP-8511F	GP-940
Stroke Speed	4,800 bpm	34,000 rpm
Net Weight	1.04 kgs	0.24 kgs
Length	230 mm	160 mm
Air Cons.	0.21 m <sup>3</sup> /min (7.4 scfm)	0.07 m³/min (2.4 scfm)
Air Inlet	1/4"	1/4"
Hose Size	8 mm	6.5 mm
Sound Pressure	90 dBA	75 dBA
Vibration	14.5 m/sec <sup>2</sup>	2.9 m/sec <sup>2</sup>
Air Pressure	90 psi	90 psi
Packing	10 pcs/ 0.5 cu.ft/ G.W.: 12 kgs	20 pcs/ 1.74 cu.ft/ G.W.: 7.0 kgs
Sleeve Type (Option)		Thin point / *Medium point / Large point



GP-851IF Air Flux Chipper

GP-940 Air Engraving-Scribe Pen



Unique design of adjustable suction cup to increase the adhesive function.



#### 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-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.



#### GAS-617H Seam Setter (for Large Material)

Diameter	200 mm (8 inch)
Net Weight	5.50 kgs
Material	Aluminum
Packing	2 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-617T Seam Setter

Diameter	117 mm (4.6 inch)
Net Weight	1.00 kgs
Material	Aluminum
Packing	10 pcs/ 2.3 cu.ft/ G.W.: 10.4 kgs

The Seam Setter is a solid-surface installation tool used for leveling seams.



# **GPW-A04A** Mitre Clamp

# Features

- ► 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.

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A04A

- Aluminium & Steel construction.
- Fascias capacity : Max. Height : 200 mm Thickness : 12~40 mm



Mitre Clamp

Prepare the C Channel Steel. Insert the GPW-A05 into the C Channel Steel in position and fasten it. Place Plastic Caps on the C Channel Steel in position for protecting the slab.



Place the slab on the C Channel Steel.



Use the GPW-A06 to fix the slab.



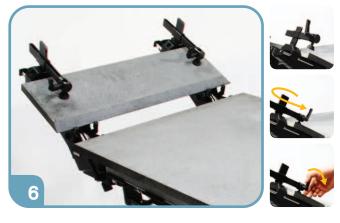
Insert GPW-A04A into GPW-A05 and lock it.



Place the fascia and ensure the two slabs are aligned.



Fix the fascia.



Spread the glue on the mitre of two slabs.



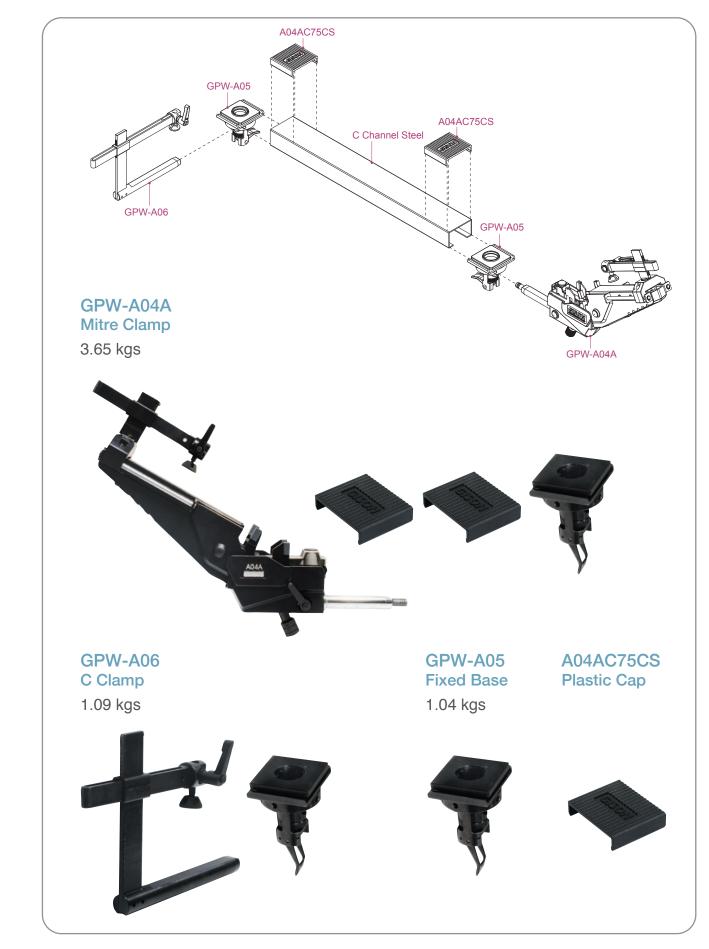
Push upright GPW-A04A, then lock it.



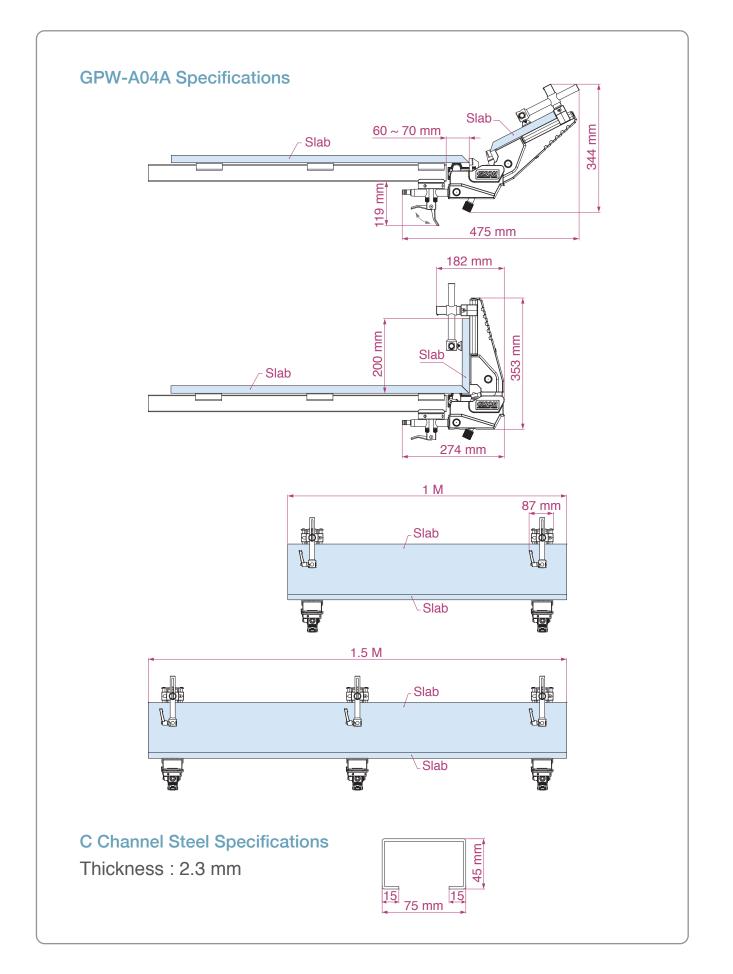


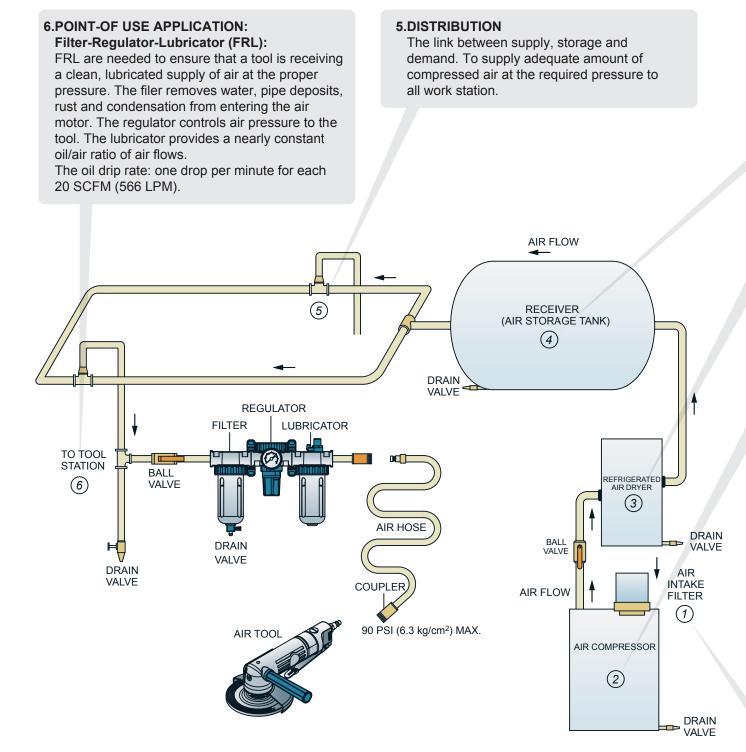






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### **4.RECEIVER**

Air receiver is provided as storage to reduce fluctuations and maintain a smooth flow in the compressed air system. **RECEIVER TANK SIZE** 

The more receiver the better the system.

### **3.REFRIGERATED DRYER**

Compression leaves the air hot and wet. It reduces the temperature of the air and removes the excessive water.

### 2.COMPRESSOR

The filtered air is compressed (typically 80 psig [5.6 kg/cm<sup>2</sup>] -110 psig [7.7 kg/cm<sup>2</sup>]) using different types of compressor such as reciprocating, vane, screw or, centrifugal.

### **COMPRESSOR SELECTION CRITERIA**

- A) COMPRESSOR TYPE Recommendation: 0 to 80 PSIG (5.6 kg/cm<sup>2</sup>): single stage compressor. 80 to 250 PSIG (17.5 kg/cm<sup>2</sup>) / continuous usage of tools: two-stage compressor.
- B) TOTAL AIR CONSUMPTION Determine the total demand SCFM (LPM). Factors to consider: demands of all equipment, tools, and other air consumption variables.
- C) COMPRESSOR CAPACITY HORSEPOWER (HP) Determined total demand SCFM (LPM): D Add approximately 20% for system variables:  $D_1 = Dx1.2$ If < = 100SCFM(2,832LPM): hp = D<sub>1</sub>/4 If >100SCFM(2,832LPM): hp =  $D_{1}/5$

### **1.INTAKE AIR FILTERS**

Prevent dust and other contaminats from entering compressor

#### FACTORS RELATE TO ADEQUATE AIR FLOW

- · A hose of excessive length and/or insufficient diameter can restrict the air flow.
- If you are using an air tool on a hose over 25 ft. long, it is advisable to increase the bore of the hose to the next larger size available ie. 1/4" increases to 3/8". This will ensure adequate pressure and volume of air to power the machine.
- Usage of air inline filter/regulator.
- Total number of air connections/ fitting being used.
- Prevent any blockage of air flow. Maintain adequate air flow.
- Remove or reduce condensation from the air supply.
- Note to drain water from the Drain Valve regularly.
- · Regular check for leaks in all piping, joints, drains, relief valves, flexible hoses,

#### **AIR SYSTEM PREVENTATIVE MAINTENANCE**

- 1. Water in the compressor tank will cause serious corrosion to your air tools and should be drained daily to avoid excessive water in your air supply. Dirty wet air will rapidly shorten the life of your air tools.
- 2. Supply tool with 90 psi (6.3 kg/cm<sup>2</sup>) of clean, dry air. Higher pressure drastically reduces tool life.
- 3. Do not install a quick coupler directly into the tool throttle handle.
- 4. Prevent contaminates from entering the air motor.
- 5. Every day before use, remove the tool from air line and pour a tablespoon oil into the machine and operate at low speed to ensure lubrication of all moving parts.
- 6. Lubrication : A air Motor, apply 2-3 drops SAE#10 into the air inlet before and after use. Gears, bearing, sleeves, and sliders need to be lubricated as well.
- 7. Disassemble and inspect air motor and governor assembly every three months if the tool is used every day. Replace damaged or worn parts.
- 8. Use original factory supplied tools, spare parts and accessories.
- 9. Do not alter or modify the unit from the original design or function.
- 10. Please add moly grease about 10 c.c. to gear/impact assembly after using 60 hours.



# Easy to use, Key for stones.

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