



GISON
PNEUMATIC
TOOLS 2010~2011



ISO-9001 certified 



GISON MACHINERY CO., LTD
No.2, Alley 105, Lane 68, Sec. 2, Sinan Rd., Wurih, Taichung 414, Taiwan
Tel: 886-4-23353202 Fax: 886-4-23352252 / 23357742
E-Mail: gison@seed.net.tw / sales@gison.com
<http://www.gison.com>

GISON PNEUMATIC TOOLS 2010~2011

www.gison.com

AC Design 04-27071159

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- 1973** Preceding company was Lin Foundry, established Gison Machinery Co., Ltd. in Taichung, and manufactured gears for auto and pneumatic parts.
- 1985** Began to promote tools in GP brand in Taiwan.
- 1992** Moved to Wu-Jih, Taichung County, re-newed production equipment and expanded production line.
- 1993** 43 items passed GS-TUV 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.
- 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.

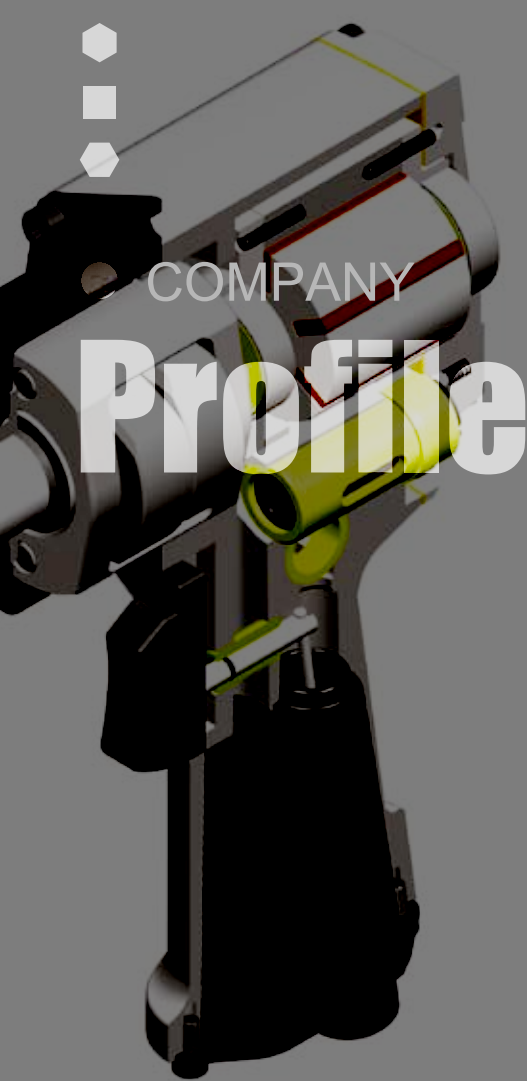
ISO-9001 certification



<p>1977 Changed business type from producing parts to Pneumatic tools. First company who manufactured 1" Heavy Duty Impact Wrench in Taiwan.</p>	<p>1983 First company who manufactured Pneumatic Grinder in Taiwan.</p>	<p>1990 First company who manufactured Pneumatic Pavement Breaker in Taiwan.</p>	<p>2003 First Company who developed and manufactured Pneumatic inside/out-side Edge Milling Maching in Taiwan. Developed and manufactured Air Random Orbital Sander with revolutionary design-No Spanners needed.</p>	<p>2006 GPS-303 Air Random Orbital Sander win The 2006 Taiwan Symbol of Excellence (SOE).</p>	<p>2009 GPW-227 Wet Air Cutting Saw.</p>
<p>1982 First company who manufactured Pneumatic Angle Sander in Taiwan.</p>	<p>1989 First company who manufactured Pneumatic Chipping Hammer in Taiwan.</p>	<p>2000 Developed and manufactured Pneumatic Wet Sanders / Polishers.</p>	<p>2005 GPS-302 Air Random Orbital Sander win The 2005 Taiwan Symbol of Excellence (SOE).</p>	<p>2008 GPW-221/221L Wet Air Sander/Polisher.</p>	<p>Future</p>



Future

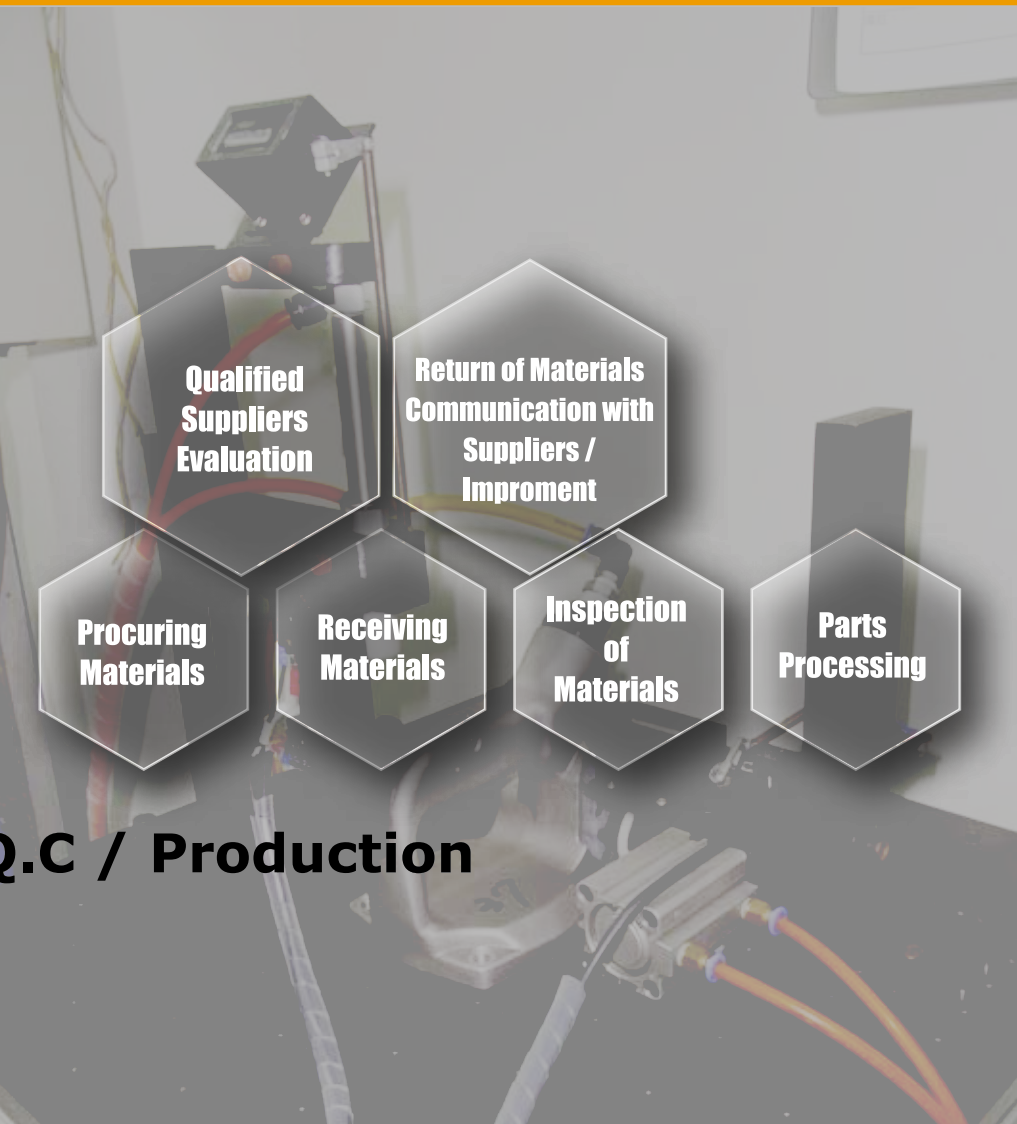
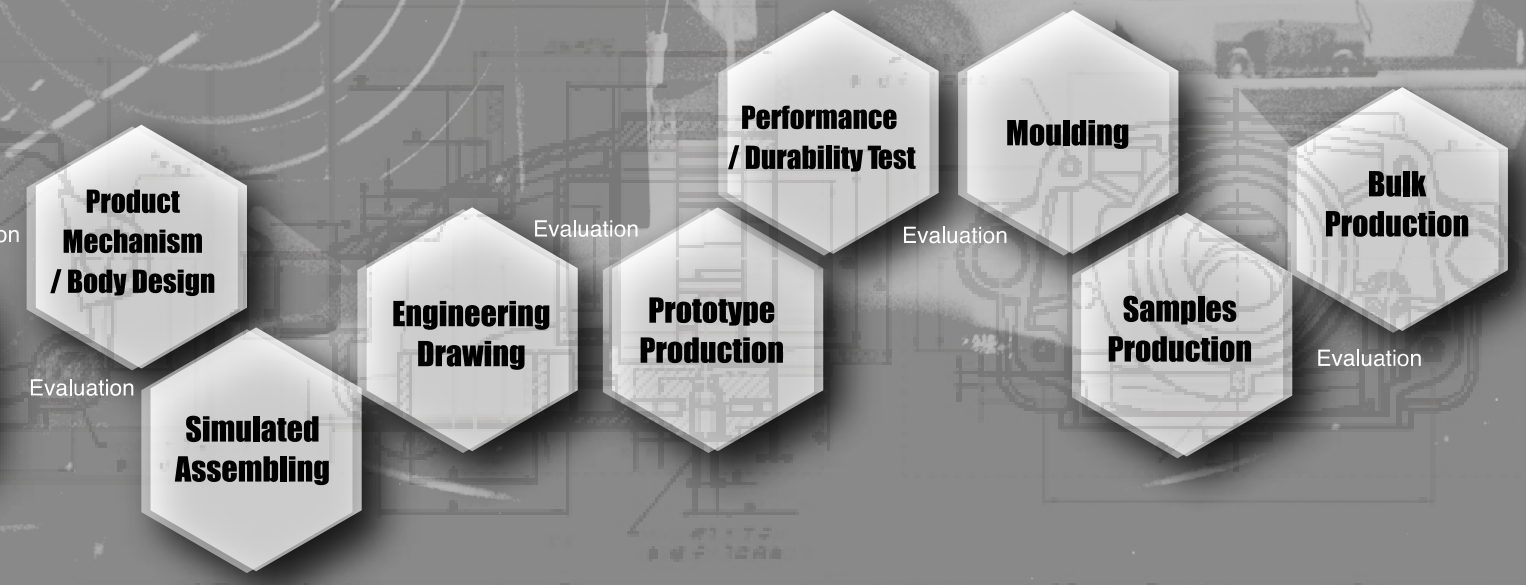


We specialize in manufacturing air tools for 30 years and achieved ISO-9002 in 1996. Our product range comprises Air Grinder, Sander, Polisher, Wrench, Hammer, Screw Driver, Drill... etc. Many of our tools patented in Taiwan, Europe and USA, recently we developed a range of Wet Sanders for stone industry 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.



Flow Chart of New Product Development



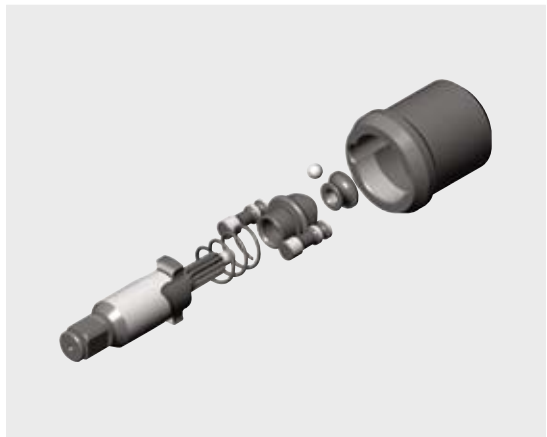
Flow Chart of Q.C / Production



MECHANISM OF AIR IMPACT WRENCH



<p>TWIN HAMMER Unique mechanism for continuous torque increase with two solid ring-hammers. It delivers an instantaneous, balanced blow. More powerful than any other mechanism on the market.</p>	<p>JUMBO HAMMER Same mechanism as Twin Hammer but with one hammer only. It delivers an instantaneous, balanced blow, with excellent impacting power.</p>	<p>PIN HAMMER Good connection of Pin & Hammer produces excellent stability and durability. It generates incredible high torque and low vibration.</p>	<p>SINGLE HAMMER (ROCKING DOG CLUTCH) Hammer strike the anvil when rotor spins. This special mechanism of " One Rotate, One Impact " enables stable performance and fast run downs.</p>	<p>DOUBLE HAMMER (ROCKING DOG CLUTCH) Hammer strike the anvil when rotor spins. This special mechanism of " One Rotate, Two Impact " enables stable performance and fast run downs.</p>
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PIN CLUTCH (DYNA PACT CLUTCH)
 Two Pin Clutch hammers strike the anvil, provides high torque, low vibration and fast run downs. This mechanism delivers higher performance and extended durability.

AIR IMPACT WRENCH 1-1/2"

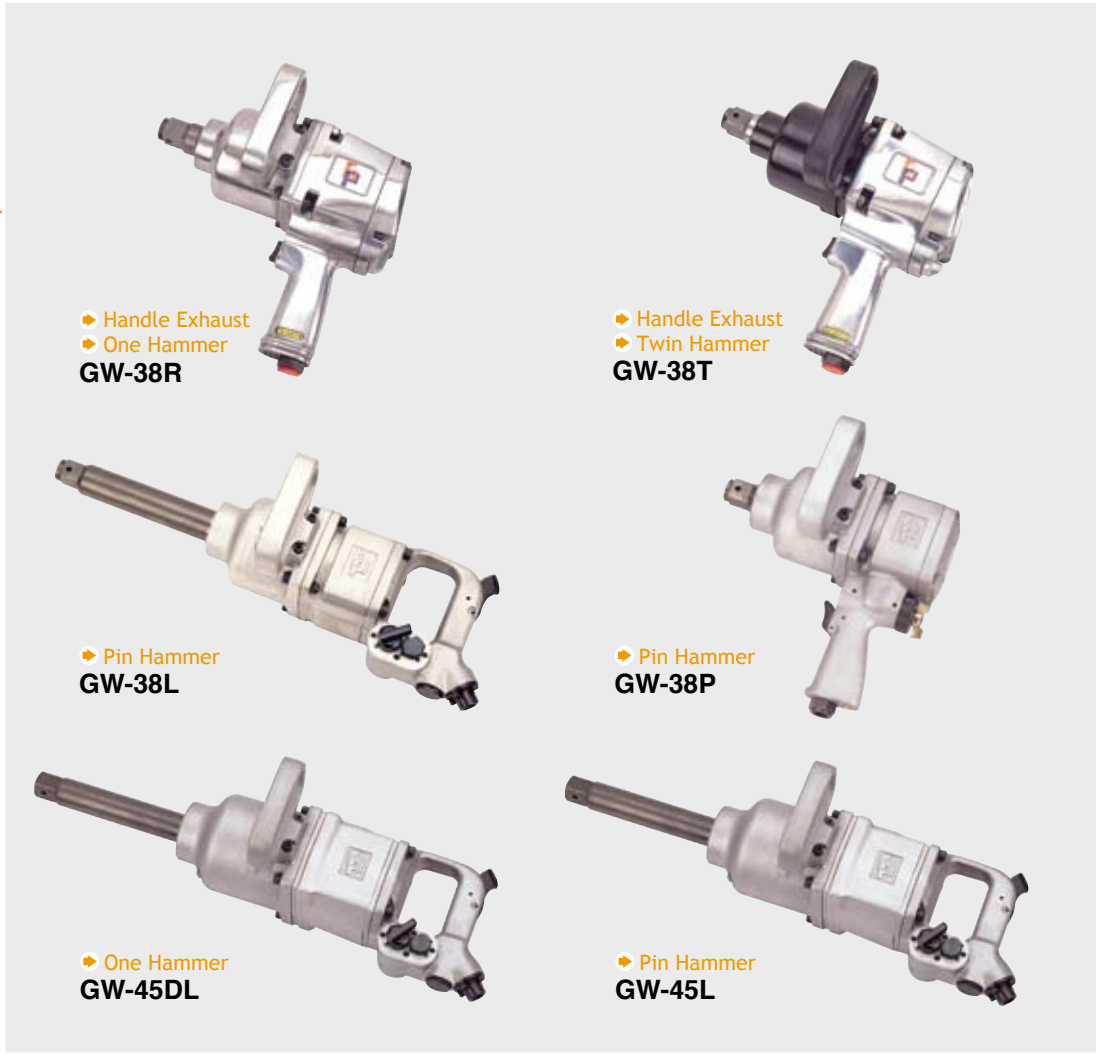


Specifications

Recommended Air Pressure 90-115psi (6.3-8kg/cm²)

Model	Square Drive (inch)	Bolt Capacity (mm)	Max. Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GW-65T	1-1/2"	50	2,500(3,390)	15.05	475	1.20	1/2"	13	104	7.2	1pcs/1.1 cu-ft/G.W.:18.8kgs
GW-65	1-1/2"	48-80	3,000(4,068)	15.70	368	1.20	1/2"	19	98	11.0	1pcs/0.85 cu-ft/G.W.:17.5kgs

AIR IMPACT WRENCH 1"



◆ Handle Exhaust
◆ One Hammer
GW-38R

◆ Handle Exhaust
◆ Twin Hammer
GW-38T

◆ Pin Hammer
GW-38L

◆ Pin Hammer
GW-38P

◆ One Hammer
GW-45DL

◆ Pin Hammer
GW-45L



◆ One Hammer
GW-40L

◆ Twin Hammer
GW-40T

◆ Twin Hammer
GW-55T

Specifications

Recommended Air Pressure 90-115psi (6.3-8kg/cm²)

Model	Square Drive (inch)	Bolt Capacity (mm)	Max. Torque ft. lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Mechanism	Packing
GW-38R	1"	38	1,400(1,900)	9.60	300	0.58	1/2"	13	89	7.2	One Hammer	2pcs/1.35cu-ft/G.W.: 21.6kgs
GW-38T	1"	41	1,600(2,170)	8.95	300	0.58	1/2"	13	96	7.4	Twin Hammer	2pcs/1.35cu-ft/G.W.: 22kgs
GW-40L	1"	41	1,600(2,170)	11.00	530	0.60	1/2"	13	90	3.5	One Hammer	2pcs/1.47cu-ft/G.W.: 26.9kgs
GW-40T	1"	45	1,800(2,445)	10.61	537	0.58	1/2"	13	98	6.9	Twin Hammer	2pcs/1.47cu-ft/G.W.: 26.8kgs
GW-55T	1"	50	2,500(3,390)	16.40	628	1.82	1/2"	13	104	7.2	Twin Hammer	1pcs/1cu-ft/G.W.: 18kgs

Specifications

Recommended Air pressure 90psi (6.3kg/cm²)

* GW-38L	1"	40	1,400(1,900)	12.50	570	0.58	3/8"	13	96	8.2	Pin Hammer	2pcs/1.5cu-ft/G.W.: 27.5kgs
* GW-38P	1"	40	1,400(1,900)	10.20	270	0.58	3/8"	13	93	7.5	Pin Hammer	2pcs/0.92cu-ft/G.W.: 22kgs
* GW-45DL	1"	48	2,000(2,712)	16.50	595	0.75	3/8"	13	98	5.5	One Hammer	1pcs/1.0cu-ft/G.W.: 18kgs
* GW-45L	1"	48	2,000(2,712)	16.50	595	0.75	3/8"	13	95	5.5	Pin Hammer	1pcs/1.0cu-ft/G.W.: 18kgs

* Inner Trigger Available
Both short and Long Anvil are available for above models.

AIR IMPACT WRENCH 3/4"



◆ Pin Clutch
GW-22N1

◆ Pin Clutch
GW-24D



◆ Handle Exhaust
◆ Twin Hammer
GW-24E

◆ Handle Exhaust
◆ Twin Hammer
GW-24F

◆ Twin Hammer
GW-26

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Square Drive (inch)	Bolt Capacity (mm)	Max. Torque ft. lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D	Sound Pressure (dBA)	Vibration (m/S ²)	Mechanism	Packing
GW-22N1	3/4"	27	700(950)	4.80	240	0.30	1/4"	8	95	3.4	Pin Clutch	4pcs/1.32cu-ft/G.W.: 22.5kgs
GW-24D	3/4"	27	800(1,085)	4.90	248	0.30	1/4"	8	88	3.5	Pin Clutch	4pcs/1.36cu-ft/G.W.: 22.5kgs
GW-24E	3/4"	29	950(1,290)	5.84	247	0.32	3/8"	8	90	5.3	Twin Hammer	4pcs/1.32cu-ft/G.W.: 25.6kgs
GW-24F	3/4"	27	750(1,018)	3.98	244	0.32	3/8"	8	89	5.3	Twin Hammer	4pcs/1.32cu-ft/G.W.: 18.7kgs
GW-26	3/4"	32	800(1,085)	5.50	310	0.35	3/8"	8	98	3.6	Twin Hammer	4pcs/0.85cu-ft/G.W.: 24kgs

AIR IMPACT WRENCH 1/2"



One Hammer
GW-11R

Twin Hammer
GW-11T

One Hammer
GW-15B

Pin Clutch
GW-16H1

Handle Exhaust
Twin Hammer
GW-19S

Handle Exhaust
Twin Hammer
GW-19R

Twin Hammer
GW-19HD1

Handle Exhaust
Twin Hammer
GW-19HD2

Handle Exhaust
Twin Hammer
GW-19HD3



Handle Exhaust
Jumbo Hammer
GW-17J

Handle Exhaust
Twin Hammer
GW-17T

Handle Exhaust
Twin Hammer
GW-17Y

Pin Clutch
GW-18D

Twin Hammer
GW-19J

Handle Exhaust
Twin Hammer
GW-19JR

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Square Drive (inch)	Bolt Capacity (mm)	Max. Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Mechanism	Packing
GW-11R	1/2"	16	125(170)	1.37	140	0.20	1/4"	6.5	90	2.9	One Hammer	10pcs/1.1 cu-ft/G.W.: 15.2kgs
GW-11T	1/2"	16	190(258)	1.37	140	0.20	1/4"	6.5	90	2.9	Twin Hammer	10pcs/1.1 cu-ft/G.W.: 15.2kgs
GW-15B	1/2"	16	230(312)	2.45	178	0.22	1/4"	6.5	98	4.1	One Hammer	10pcs/1.5 cu-ft/G.W.: 25kgs
GW-16H1	1/2"	16	280(380)	2.30	180	0.22	1/4"	6.5	96	2.9	Pin Clutch	10pcs/1.34 cu-ft/G.W.: 25kgs
GW-17J	1/2"	16	300(407)	1.35	135	0.20	1/4"	6.5	86	2.7	Jumbo Hammer	10pcs/0.7 cu-ft/G.W.: 16kgs
GW-17T	1/2"	16	350(475)	1.50	142	0.20	1/4"	6.5	85	2.7	Twin Hammer	10pcs/0.7 cu-ft/G.W.: 17kgs
GW-17Y	1/2"	19	460(626)	1.45	123	0.12	1/4"	6.5	95	2.8	Twin Hammer	10pcs/1.0 cu-ft/G.W.: 17kgs
GW-18D	1/2"	16	380(515)	2.70	190	0.22	1/4"	6.5	88	2.8	Pin Clutch	8pcs/1.28 cu-ft/G.W.: 23.6kgs
GW-19J	1/2"	18	550(745)	2.60	188	0.14	1/4"	6.5	94	3.2	Twin Hammer	10pcs/1.5 cu-ft/G.W.: 30kgs
GW-19JR	1/2"	18	450(610)	2.60	188	0.14	1/4"	6.5	91	3.2	Twin Hammer	10pcs/1.6 cu-ft/G.W.: 30kgs
GW-19S	1/2"	16	415(565)	2.60	185	0.20	1/4"	6.5	79	4.5	Twin Hammer	10pcs/1.3 cu-ft/G.W.: 29kgs
GW-19R	1/2"	18	430(588)	2.67	175	0.23	1/4"	6.5	83	2.7	Twin Hammer	8pcs/1.3 cu-ft/G.W.: 24.5kgs
GW-19HD1	1/2"	16	630(861)	2.67	184	0.46	1/4"	10	106	4.8	Twin Hammer	5pcs/0.92 cu-ft/G.W.: 14.5kgs
GW-19HD2	1/2"	16	620(847)	2.64	184	0.47	1/4"	10	93	4.8	Twin Hammer	5pcs/0.92 cu-ft/G.W.: 14.2kgs
GW-19HD3	1/2"	18	880(1203)	2.89	194	0.51	1/4"	10	95	4.8	Twin Hammer	5pcs/0.92 cu-ft/G.W.: 15.5kgs

AIR IMPACT WRENCH 3/8"



One Hammer
GW-8

One Hammer
GW-10R

Twin Hammer
GW-10T

Handle Exhaust
Two Hammer
GP-951W

Two Hammer
GP-867W



Two Hammer
GW-12

Handle Exhaust
Jumbo Hammer
GW-12C

Handle Exhaust
Jumbo Hammer
GW-13J

Handle Exhaust
Twin Hammer
GW-13T

Handle Exhaust
Twin Hammer
GW-13Y

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Square Drive (inch)	Bolt Capacity (mm)	Max. Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) ID	Sound Pressure (dBA)	Vibration (m/S ²)	Mechanism	Packing
GW-8	3/8"	10	75(102)	1.04	158	0.20	1/4"	6.5	97	< 2.5	One Hammer	20pcs/1.91 cu-ft/G.W.: 22kgs
GW-10R	3/8"	13	75(102)	1.16	135	0.30	1/4"	6.5	90	2.9	One Hammer	16pcs/1.22 cu-ft/G.W.: 24.6kgs
GW-10T	3/8"	13	190(258)	1.16	135	0.30	1/4"	6.5	90	2.9	Twin Hammer	16pcs/1.22 cu-ft/G.W.: 24.6kgs
GP-951W	3/8"	8	90(122)	1.14	203	0.18	1/4"	6.5	87	< 2.5	Two Hammer	10pcs/1.2 cu-ft/G.W.: 13.5kgs
GW-12	3/8"	13	135(183)	0.95	135	0.20	1/4"	6.5	88	4.5	Two Hammer	20pcs/1.2 cu-ft/G.W.: 21kgs
GW-12C	3/8"	13	180(244)	1.50	155	0.20	1/4"	6.5	88	2.8	Jumbo Hammer	10pcs/1.2 cu-ft/G.W.: 17.5kgs
GW-13J	3/8"	14	300(407)	1.35	135	0.20	1/4"	6.5	86	2.7	Jumbo Hammer	10pcs/0.7 cu-ft/G.W.: 16kgs
GW-13T	3/8"	14	350(475)	1.50	142	0.20	1/4"	6.5	85	2.7	Twin Hammer	10pcs/0.7 cu-ft/G.W.: 17kgs
GW-13Y	3/8"	16	460(626)	1.45	123	0.12	1/4"	6.5	95	2.8	Twin Hammer	10pcs/1.0 cu-ft/G.W.: 17kgs
GP-867W	3/8"	10	150(203)	1.12	215	0.20	1/4"	6.5	90	5.4	Two Hammer	20pcs/1.44 cu-ft/G.W.: 24.5kgs

COMPOSITE AIR IMPACT WRENCH



◆ Handle Exhaust
◆ Twin Hammer
GW-13SR



◆ Handle Exhaust
◆ Twin Hammer
GW-17SR



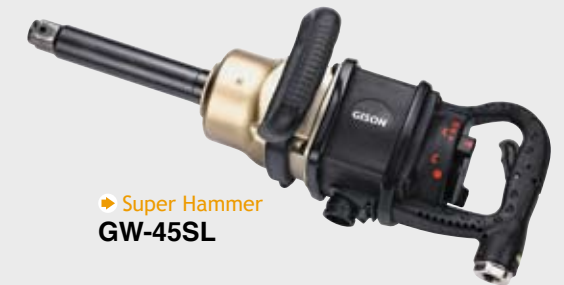
◆ Handle Exhaust
◆ Twin Hammer
GW-21SR



◆ Handle Exhaust
◆ Twin Hammer
GW-28SR



◆ Super Hammer
GW-45CL



◆ Super Hammer
GW-45SL

Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)	
Model	Square Drive inch(mm)	Bolt Capacity (mm)	Max. Torque ft.lb(Nm)	Net Weight kg	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Sound Pressure (dBA)	Vibration (m/S ²)	Mechanism	Packing
GW-13SR	3/8"	13	330(448)	1.20	169	0.21	1/4"	95	3.6	Twin Hammer	10pcs/1.5 cu-ft/G.W.: 15kgs
GW-17SR	1/2"	13	330(448)	1.20	169	0.21	1/4"	95	3.6	Twin Hammer	10pcs/1.26 cu-ft/G.W.: 15kgs
GW-21SR	1/2"	16	1000(1375)	2.00	199	0.13	1/4"	95	3.4	Twin Hammer	8pcs/1.28 cu-ft/G.W.: 19kgs
GW-28SR	3/4"	29	1400(1900)	3.40	238	0.27	3/8"	95	3.5	Twin Hammer	4pcs/1.32 cu-ft/G.W.: 17kgs
Specifications										Recommended Air Pressure 90-115psi (6.3-8kg/cm ²)	
GW-45CL	1"	45	1800(2445)	8.50	550	0.41	1/2"	95	5.0	Super Hammer	2pcs/1.47 cu-ft/G.W.: 20.2kgs
GW-45SL	1"	45	2000(2711)	10.30	550	0.41	1/2"	95	5.5	Super Hammer	2pcs/1.89 cu-ft/G.W.: 24.9kgs

AIR IMPACT WRENCH KIT



GW-15BK



GW-16H1K



GW-18DK



GW-24DK

GW-15BK		GW-16H1K		GW-18DK		GW-24DK	
1 Pc	1/2" Air Impact Wrench (GW-15B)	1 Pc	1/2" Air Impact Wrench (GW-16H1)	1 Pc	1/2" Air Impact Wrench (GW-18D)	1 Pc	3/4" Air Impact Wrench (GW-24D)
10 Pcs	Socket 9 - 27mm	10 Pcs	Socket 9 - 27mm	10 Pcs	Socket 9 - 27mm	8 Pcs	Socket 26 - 38mm
1 Pc	Extension Bar	1 Pc	Extension Bar	1 Pc	Extension Bar	1 Pc	Extension Bar
1 Pc	Nipple	1 Pc	Nipple	1 Pc	Nipple	1 Pc	Nipple
1 Pc	Oil Pot	1 Pc	Oil Pot	1 Pc	Oil Pot	1 Pc	Oil Pot
1 Pc	Hex. Key Wrench	1 Pc	Hex. Key Wrench	1 Pc	Hex. Key Wrench	1 Pc	Hex. Key Wrench
1 pc	Mini Oiler	1 pc	Mini Oiler	1 Pc	Mini Oiler	1 Pc	Plastic Box
1 pc	Plastic Box	1 Pc	Plastic Box	1 Pc	Plastic Box		
Packing	5 sets/1.5 cu-ft/G.W.: 22 kgs	Packing	6 sets/1.8 cu-ft/G.W.: 20 kgs	Packing	4 sets/1.51 cu-ft/G.W.: 21 kgs	Packing	2 sets/1.25 cu-ft/G.W.: 21.5 kgs

AIR RATCHET WRENCH 1/2"



Low Recoil
GP-856J2



Quick Chang Socket
GP-856Q



Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)	
Model	Square Drive (inch)	Max. Working Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing	
GP-856B	1/2"	50(68)	0.97	254	0.11	1/4"	6.5	98	< 2.5	20pcs/0.7 cu-ft/G.W.: 24kgs	
GP-857	1/2"	90(122)	2.00	360	0.15	1/4"	6.5	103	5.3	10pcs/0.57 cu-ft/G.W.: 22kgs	
GP-856D	1/2"	50(68)	1.20	265	0.08	1/4"	6.5	86	< 2.5	10pcs/1.1 cu-ft/G.W.: 16.5kgs	
GP-856R1	1/2"	60(82)	1.20	270	0.08	1/4"	6.5	74	3.0	20pcs/0.66 cu-ft/G.W.: 28kgs	
GP-856J2	1/2"	60(82)	1.30	265	0.14	1/4"	6.5	87	< 2.5	20pcs/1.7 cu-ft/G.W.: 30kgs	
GP-856AD	1/2"	50(68)	1.30	260	0.14	1/4"	6.5	87	< 2.5	20pcs/1.7 cu-ft/G.W.: 28kgs	
GP-856Q	1/2"	60(82)	1.30	254	0.12	1/4"	6.5	95	< 2.5	20pcs/1.2 cu-ft/G.W.: 26kgs	

AIR RATCHET WRENCH 3/8"



Low Recoil
GP-855J2



Quick Chang Socket
GP-855Q



Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)	
Model	Square Drive (inch)	Max. Working Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing	
GP-855H	3/8"	22(30)	0.50	125	0.11	1/4"	6.5	86	< 2.5	30pcs/0.7 cu-ft/G.W.: 16kgs	
GP-855F	3/8"	37(50)	0.64	165	0.13	1/4"	6.5	87	< 2.5	30pcs/0.7 cu-ft/G.W.: 21kgs	
GP-855B	3/8"	50(68)	0.97	254	0.11	1/4"	6.5	98	< 2.5	20pcs/0.7 cu-ft/G.W.: 24kgs	
GP-855D	3/8"	50(68)	1.20	265	0.08	1/4"	6.5	86	< 2.5	12pcs/1.1 cu-ft/G.W.: 16.5kgs	
GP-855R1	3/8"	60(82)	1.20	270	0.08	1/4"	6.5	74	3.0	20pcs/0.68 cu-ft/G.W.: 26kgs	
GP-855J2	3/8"	60(82)	1.30	265	0.14	1/4"	6.5	87	< 2.5	20pcs/1.7 cu-ft/G.W.: 30kgs	
GP-855AD	3/8"	50(68)	1.30	260	0.14	1/4"	6.5	87	< 2.5	20pcs/1.7 cu-ft/G.W.: 28kgs	
GP-855Q	3/8"	60(82)	1.30	254	0.12	1/4"	6.5	95	< 2.5	20pcs/1.2 cu-ft/G.W.: 26kgs	

AIR RATCHET WRENCH 1/4"



▶ Stubby Type
GP-854H



GP-854F



GP-854



GP-854D



▶ Thru-Hole Type
GP-854J



▶ Thru-Hole Type
GP-854J2



Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)
Model	Square Drive (inch)	Max. Working Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-854H	1/4"	22(30)	0.50	125	0.11	1/4"	6.5	86	< 2.5	30pcs/0.7 cu-ft/G.W.: 16kgs
GP-854F	1/4"	37(50)	0.64	165	0.13	1/4"	6.5	87	< 2.5	30pcs/0.7 cu-ft/G.W.: 21kgs
GP-854	1/4"	30(40)	0.50	170	0.08	1/4"	6.5	90	< 2.5	20pcs/0.37 cu-ft/G.W.: 11.2kgs
GP-854D	1/4"	30(40)	0.54	174	0.05	1/4"	6.5	72	< 2.5	20pcs/0.64 cu-ft/G.W.: 15.9kgs
GP-854J	1/4"	30(41)	0.60	210	0.13	1/4"	6.5	85	< 2.5	20pcs/1.1 cu-ft/G.W.: 17kgs
GP-854J2	1/4"	30(41)	0.50	167	0.13	1/4"	6.5	83	< 2.5	20pcs/1.1 cu-ft/G.W.: 15kgs

AIR RATCHET WRENCH KITS



GP-855BK



GP-855DK



GP-856BK



GP-856DK



GP-855BK		GP-855DK		GP-856BK		GP-856DK	
1 Pc	3/8" Air Ratchet Wrench (GP-855B)	1 Pc	3/8" Air Ratchet Wrench (GP-855D)	1 Pc	1/2" Air Ratchet Wrench (GP-856B)	1 Pc	1/2" Air Ratchet Wrench (GP-856D)
7 Pcs	Socket	7 Pcs	Socket	7 Pcs	Socket	7 Pcs	Socket
1 Pc	Universal Joint	1 Pc	Universal Joint	1 Pc	Universal Joint	1 Pc	Universal Joint
2 Pcs	Adapter	1 Pc	75mm Extension Bar	2 Pcs	Adapter	1 Pc	75mm Extension Bar
1 Pc	Nipple	1 Pc	Nipple	1 Pc	Nipple	1 Pc	Nipple
3 Pcs	Bit			3 Pcs	Bit		
1 pc	Oil Pot	1 pc	Oil Pot	1 pc	Oiler Pot	1 pc	Oil Pot
1 pc	Plastic Box	1 pc	Blow Case	1 pc	Plastic Box	1 pc	Blow Case
Packing	5 sets/0.75 cu-ft/G.W.: 13.5 kgs	Packing	6 sets/1.3cu-ft/G.W.:15kgs	Packing	5 sets/0.75 cu-ft/G.W.: 13.5 kgs	Packing	6 sets/1.3cu-ft/G.W.:15kgs

ILLUSTRATION OF GOVERNOR



Traditional Governor

Long proven construction with two pendulums. The pendulums extend due to centrifugal force and block intake, also the spring adjusts pendulums by retraction to control free speed. However, the free speed can not be controlled effectively within standard RPM when air pressure increases.

Patent Speed Control Governor

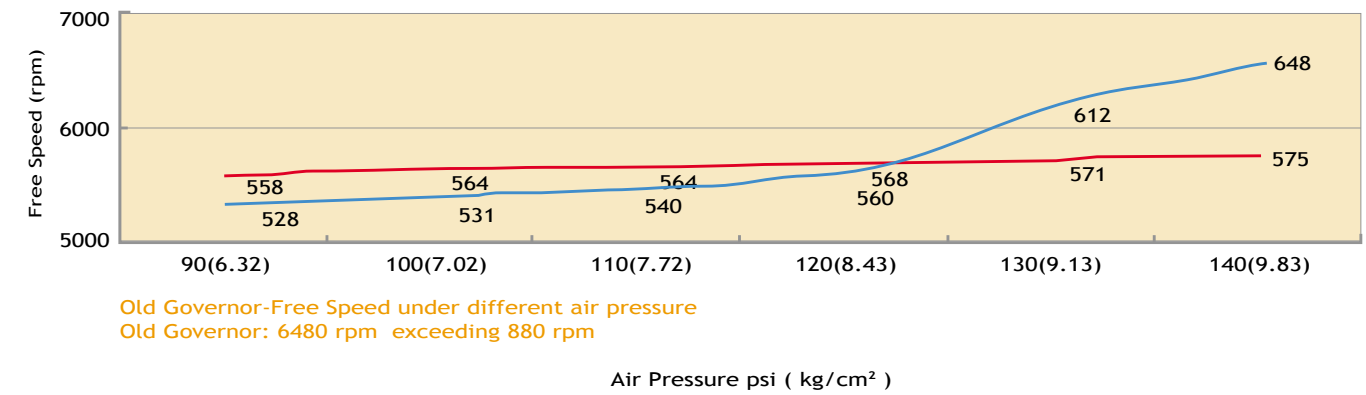
Linear Motion performing from the balls and cone-shape takes over the Centrifugal force from Pendulum Structure. The design of cutting off air prevents overloaded air pressure. It efficiently remains free speed in standard RPM.

Patent No.: US 6,409,584 B1
Germany Nr.101 51 935

COMPARISON BETWEEN TRADITIONAL & PATENT SPEED-CONTROL GOVERNOR

Testing Model: GP-918 9" Air Vertical Grinder
Standard RPM: 5,600 rpm (±200 rpm)
Testing data:

New Governor-Free Speed under different air pressure
New Governor: 5750rpm exceeding 150rpm only



AIR VERTICAL / STRAIGHT GRINDER



Specifications											Recommended Air Pressure 90psi (6.3kg/cm²)	
Model	Wheel Size	Spindle Thread (inch)	Max. Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m³/min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S²)	Packing	
GP-919	7"	5/8"-11	7,000	3.88	340	0.46	1/2"	13	84	3.3	4pcs/2.1 cu-ft/G.W.: 21kgs	
GP-915	9"	5/8"-11	6,000	4.12	340	0.46	1/2"	13	83	3.3	4pcs/2.9 cu-ft/G.W.: 24.5kgs	
GP-918	9"	5/8"-11	5,900	4.97	355	0.76	1/2"	13	90	3.8	4pcs/2.9 cu-ft/G.W.: 28kgs	
GP-917A	ø75xø9.5x13	--	13,500	1.67	343	0.23	1/4"	8	87	< 2.5	10pcs/0.90 cu-ft/G.W.: 19.51kgs	
GP-920	ø150xø20x25 (ø32)	1/2"-14	5,700	5.16	500	0.76	1/2"	9.5	87	< 2.5	4pcs/1.3 cu-ft/G.W.: 23kgs	

AIR ANGLE GRINDER



◆ Grip Lever
GP-832
GP-832-5



◆ Safety Lever
GP-832L
GP-832L-5



◆ Grip Lever
GP-971
GP-971-5



◆ ON/OFF Switch
GP-971A
GP-971A-5



◆ Safety Lever
GP-971L
GP-971L-5



◆ Safety Lever
GP-911



◆ Safety Lever
◆ Grinder & Sander
GP-914



◆ Grip Lever
GP-831



◆ Safety Lever
GP-831LN

Specifications

Model	Wheel Size (inch)	Spindle Thread	Max.Speed (rpm)	Horse Power (HP)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Recommended Air Pressure 90psi (6.3kg/cm ²)	
												Packing	
GP-832	4"	3/8"-24, M10	12,000	0.6	1.54	227	0.45	1/4"	8	86	< 2.5	10pcs/1.45 cu-ft/G.W.: 21kgs	
GP-832-5	5"	5/8"-11, M14	11,000	0.6	1.69	227	0.45	1/4"	8	86	< 2.5	10pcs/1.45 cu-ft/G.W.: 23kgs	
GP-832L	4"	3/8"-24, M10	12,000	0.6	1.69	226	0.45	1/4"	8	86	< 2.5	10pcs/1.75 cu-ft/G.W.: 24kgs	
GP-832L-5	5"	5/8"-11, M14	11,000	0.6	1.82	226	0.45	1/4"	8	86	< 2.5	10pcs/1.75 cu-ft/G.W.: 25kgs	
GP-911	5"	5/8"-11, M14	11,000	0.6	1.79	257	0.45	1/4"	8	88	< 2.5	10pcs/1.75 cu-ft/G.W.: 25kgs	
GP-914	4-1/2"	M10	12,000	0.6	1.79	223	0.45	1/4"	8	86	< 2.5	10pcs/1.75 cu-ft/G.W.: 25kgs	
GP-831	7"	5/8"-11, M14	7,000	1.0	3.04	277	0.59	3/8"	11	93	3.2	6pcs/1.8 cu-ft/G.W.: 24kgs	
GP-831LN	7"	5/8"-11, M14	7,000	1.0	3.05	331	0.59	3/8"	11	93	3.2	6pcs/2.0 cu-ft/G.W.: 25kgs	
GP-971	4"	3/8"-24, M10	11,000	0.5	1.34	189	0.68	1/4"	8	95	< 2.5	10pcs/1.45 cu-ft/G.W.: 18kgs	
GP-971-5	5"	5/8"-11, M14	11,000	0.5	1.39	189	0.68	1/4"	8	95	< 2.5	10pcs/1.45 cu-ft/G.W.: 18kgs	
GP-971A	4"	3/8"-24, M10	11,000	0.5	1.72	220	0.68	1/4"	8	95	< 2.5	10pcs/1.45 cu-ft/G.W.: 18kgs	
GP-971A-5	5"	5/8"-11, M14	11,000	0.5	1.77	220	0.68	1/4"	8	95	< 2.5	10pcs/1.45 cu-ft/G.W.: 18kgs	
GP-971L	4"	3/8"-24, M10	11,000	0.5	1.71	233	0.68	1/4"	8	95	< 2.5	10pcs/1.75 cu-ft/G.W.: 20kgs	
GP-971L-5	5"	5/8"-11, M14	11,000	0.5	1.75	233	0.68	1/4"	8	95	< 2.5	10pcs/1.75 cu-ft/G.W.: 20kgs	

AIR ANGLE GRINDER (Stop-Spanner Free Series)



◆ Grip Lever
GP-832S



◆ Safety Lever
GP-832LS



◆ Safety Lever
GP-911S



◆ Safety Lever
GP-914S

ONLY ONE SPANNER NEEDED change grinding wheel faster and easier

While replacing grinding disc, fix Gear Shaft by simply turning and pushing the Stop Knob instead of using a stop spanner.



Specifications

Model	Wheel Size (inch)	Spindle Thread	Max.Speed (rpm)	Horse Power (HP)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Recommended Air Pressure 90psi (6.3kg/cm ²)	
												Packing	
GP-832S	4", 5"	3/8"-24, M10	11,000	0.6	1.54	227	0.45	1/4"	8	86	< 2.5	10pcs/1.45 cu-ft/G.W.: 21kgs	
GP-832LS	4", 5"	3/8"-24, M10	11,000	0.6	1.69	226	0.45	1/4"	8	86	< 2.5	10pcs/1.75 cu-ft/G.W.: 24kgs	
GP-911S	5"	5/8"-11, M14	11,000	0.6	1.79	257	0.45	1/4"	8	88	< 2.5	10pcs/1.75 cu-ft/G.W.: 25kgs	
GP-914S	4-1/2"	M10	12,000	0.6	1.79	223	0.45	1/4"	8	86	< 2.5	10pcs/1.75 cu-ft/G.W.: 25kgs	

MINI AIR ANGLE GRINDER →



◆ 110°
GP-824CG



◆ Grinder & Sander
GP-824GS

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Wheel Size (mm)	Max. Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-824CG	50	15,000	0.66	170	0.20	1/4"	6.5	95	< 2.5	20pcs/0.95 cu-ft/G.W.: 15kgs
GP-824GS	50	15,000	0.83	178	0.20	1/4"	6.5	87	< 2.5	12pcs/0.8 cu-ft/G.W.: 12kgs

AIR DIE GRINDER →



GP-824F1



GP-824F



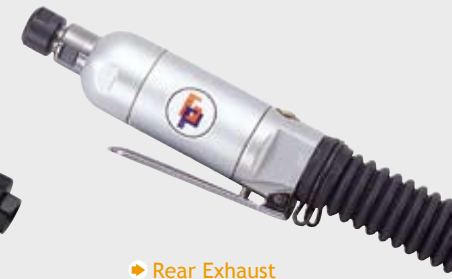
GP-824



GP-824T



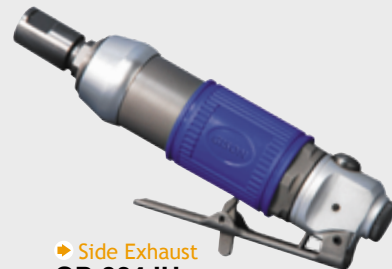
GP-824ST
GP-824ST1



◆ Rear Exhaust
GP-824B



◆ Grip Lever
◆ Side Exhaust
GP-824JS



◆ Side Exhaust
GP-824JH



GP-824JAS



◆ Grip Lever
GP-824JB



◆ Rear Exhaust
GP-824JCS



◆ Grip Lever
◆ Rear Exhaust
GP-824JD



GP-824LG



◆ Rear Exhaust
GP-824LGR

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Collet Size (inch)	Max. Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-824F1	1/4"(6mm)	3,500	0.89	218	0.23	1/4"-PT	6.5	86	< 2.5	20pcs/1.16 cu-ft/G.W.: 20.5kgs
GP-824F	1/4"(6mm)	22,000	0.71	177	0.23	1/4"-PT	6.5	86	< 2.5	20pcs/0.64 cu-ft/G.W.: 16.5kgs
GP-824	1/4"(6mm)	22,000	0.70	168	0.22	1/4"	5	90	< 2.5	20pcs/0.65 cu-ft/G.W.: 15.5kgs
GP-824T	1/4"(6mm)	25,000	0.46	152	0.22	1/4"	5	87	< 2.5	20pcs/0.73 cu-ft/G.W.: 11.0kgs
GP-824ST	1/4"(6mm)	22,000	0.60	178	0.22	1/4"	5	86	< 2.5	12pcs/0.8 cu-ft/G.W.: 10kgs
GP-824ST1	1/4"(6mm)	25,000	0.40	155	0.22	1/4"	5	86	< 2.5	12pcs/0.8 cu-ft/G.W.: 8.7kgs
GP-824B	1/4"(6mm)	25,000	0.90	130	0.28	1/4"	5	84	< 2.5	10pcs/1.3 cu-ft/G.W.: 11kgs
GP-824JAS	1/4"(6mm)	20,000	0.55	170	0.28	1/4"	5	84	< 2.5	20pcs/0.6 cu-ft/G.W.: 14kgs
GP-824JB	1/4"(6mm)	20,000	0.55	170	0.28	1/4"	5	84	< 2.5	20pcs/0.6 cu-ft/G.W.: 14kgs
GP-824JCS	1/4"(6mm)	17,000	0.78	170	0.28	1/4"	5	84	< 2.5	10pcs/1.3 cu-ft/G.W.: 11kgs
GP-824JD	1/4"(6mm)	17,000	0.78	170	0.28	1/4"	5	84	< 2.5	10pcs/1.3 cu-ft/G.W.: 11kgs
GP-824JS	1/4"(6mm)	20,000	0.70	175	0.22	1/4"	5	85	< 2.5	20pcs/1.1 cu-ft/G.W.: 19kgs
GP-824JH	1/4"(6mm)	20,000	0.70	165	0.22	1/4"	5	85	< 2.5	20pcs/1.1 cu-ft/G.W.: 19kgs
GP-824LG	1/4"(6mm)	20,000	0.40	150	0.23	1/4"	5	80	< 2.5	20pcs/0.5 cu-ft/G.W.: 11kgs
GP-824LGR	1/4"(6mm)	20,000	0.40	150	0.23	1/4"	5	80	< 2.5	20pcs/0.5 cu-ft/G.W.: 11kgs

AIR EXTENSION DIE GRINDER



Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)
Model	Collet Size (inch)	Max.Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-824EA	1/4"(6mm)	20,000	1.15	333	0.23	1/4"	5	99	< 2.5	16pcs/0.75 cu-ft/G.W.: 23.5kgs
GP-824EC	1/4"(6mm)	22,000	1.05	319	0.22	1/4"	5	86	< 2.5	20pcs/1.1 cu-ft/G.W.: 23kgs
GP-824ED	1/4"(6mm)	24,000	0.65	248	0.22	1/4"	5	99	< 2.5	20pcs/0.85 cu-ft/G.W.: 15kgs
GP-824STE	1/4"(6mm)	22,000	0.80	280	0.23	1/4"	5	85	< 2.5	12pcs/1.1 cu-ft/G.W.: 13kgs
GP-824STE1	1/4"(6mm)	22,000	0.70	240	0.23	1/4"	5	85	< 2.5	12pcs/1.1 cu-ft/G.W.: 13kgs
GP-824EF	6mm or 8mm	13,500	1.74	378	0.23	1/4"	6.5	86	< 2.5	10pcs/0.90 cu-ft/G.W.: 20.5kgs
GP-824L1	1/4"(6mm)	18,000	1.10	320	0.22	1/4"	5	89	< 2.5	20pcs/1.7 cu-ft/G.W.: 28kgs
GP-824SL	1/4"(6mm)	18,000	1.10	320	0.22	1/4"	5	89	< 2.5	20pcs/1.7 cu-ft/G.W.: 28kgs

AIR ANGLE DIE GRINDER



Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)
Model	Collet Size (inch)	Max.Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-824LGA	1/4"(6mm)	18,000	0.65	155	0.28	1/4"	5	95	< 2.5	20pcs/0.95 cu-ft/G.W.: 14.5kgs
GP-824M	1/4"(6mm)	16,000	0.66	170	0.23	1/4"	5	96	< 2.5	20pcs/0.95 cu-ft/G.W.: 15.5kgs
GP-824STA	1/4"(6mm)	18,000	0.70	178	0.23	1/4"	5	87	< 2.5	12pcs/0.80 cu-ft/G.W.: 12kgs
GP-824STA1	1/4"(6mm)	20,000	0.50	155	0.23	1/4"	5	87	< 2.5	12pcs/0.80 cu-ft/G.W.: 9.6kgs
GP-824STA2	1/4"(6mm)	18,000	0.70	178	0.23	1/4"	5	86	< 2.5	12pcs/0.80 cu-ft/G.W.: 11.8kgs
GP-824TA	1/4"(6mm)	20,000	0.62	154	0.22	1/4"	5	94	< 2.5	20pcs/0.73 cu-ft/G.W.: 14kgs
GP-824CA	1/4"(6mm)	25,000	0.70	142	0.28	1/4"	5	85	< 2.5	10pcs/1.4 cu-ft/G.W.: 9.0kgs
GP-824MR	1/4"(6mm)	22,000	0.55	170	0.23	1/4"	5	80	< 2.5	20pcs/1.1 cu-ft/G.W.: 12kgs

MICRO AIR GRINDER



5 Bearing for less vibration
GP-8244J



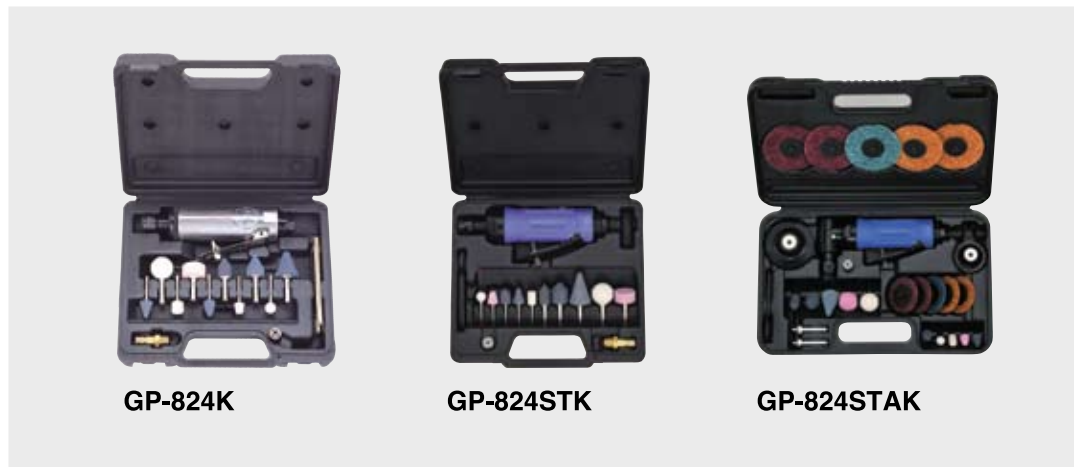
GP-8240D

GP-8240

GP-8243

Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)	
Model	Collet Size (inch)	Max.Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing	
GP-8241	--	22,000	0.54	136	0.20	1/4"	5	83	< 2.5	20pcs/1.9 cu-ft/G.W.: 12.0kgs	
GP-8244J	6mm / 3mm	30,000	0.54	255	0.17	1/4"	5	84	< 2.5	25pcs/0.96 cu-ft/G.W.: 16kgs	
GP-8240D	1/8"(3mm)	35,000	0.50	175	0.17	1/4"	5	82	< 2.5	20pcs/0.9 cu-ft/G.W.: 11kgs	
GP-8240	1/8"(3mm)	54,000	0.23	132	0.16	1/4"	5	84	< 2.5	20pcs/1.25 cu-ft/G.W.: 15kgs	
GP-8243	1/8"(3mm)	60,000	0.23	132	0.16	1/4"	5	82	< 2.5	20pcs/1.25 cu-ft/G.W.: 15kgs	
GP-8242	1/8"(3mm)	70,000	0.23	132	0.16	1/4"	5	80	< 2.5	20pcs/1.25 cu-ft/G.W.: 15kgs	
GP-8242A	1/8"(3mm)	60,000	0.48	140	0.16	1/4"	5	80	< 2.5	10pcs/1.3 cu-ft/G.W.: 6.5kgs	

AIR DIE GRINDER KITS



GP-824K

GP-824STK

GP-824STAK

GP-824K		GP-824STK		GP-824STAK	
1 Pc	1/4" (6mm) Air Die Drinder (GP-824)	1 Pc	1/4" (6mm) Air Die Grinder (GP-824ST)	1 Pc	1/4" (6mm) Aur Die Drinder (GP-824STA)
1 Pc	1/8" (3mm) Collet	1 Pc	1/8" (3mm) Collet	1 Pc	1/8" (3mm) Collet
5 Pcs	1/4" (6mm) Shank Stone	5 Pcs	1/4" (6mm) Shank Stone	5 Pcs	1/4" (6mm) Shank Stone
5 Pcs	1/8" (3mm) Shank Stone	5 Pcs	1/8" (3mm) Shank Stone	5 Pcs	1/8" (3mm) Shank Stone
1 Pc	Nipple	1 Pc	Nipple	5 Pcs	2" Roloc Scotch Discs
2 Pcs	Key Wrench	2 Pcs	Key Wrench	5 Pcs	3" Roloc Scotch Discs
1 Pc	Plastic Box	1 Pc	Plastic Box	1 Pc	Nipple
<i>Packing</i> 10 sets/1.20 cu-ft/G.W.: 15 kgs		<i>Packing</i> 10 sets/1.20 cu-ft/G.W.: 13 kgs		<i>Packing</i> 10 sets/1.80 cu-ft/G.W.: 18.6 kgs	

MICRO AIR GRINDER KITS



GP-8240K

GP-8243K

GP-8244L

GP-8240K		GP-8243K		GP-8244L	
1 Pc	54,000rpm Micro Air Grinder (GP-8240)	1 Pc	60,000rpm Micro Air Grinder (GP-8243)	1 Pc	30,000rpm Micro Air Grinder(GP-8244J)
10 Pcs	1/8" (3mm) Shank Stone	10 Pcs	1/8" (3mm) Shank Stone	2 Pcs	6mm Shank Stone
1 Pc	Mini Oiler	1 Pc	Mini Oiler	2 Pcs	3mm Shank Stone
1 Pc	Oil Pot	1 Pc	Oil Pot	1 Pc	6mm Collet
2 Pcs	Key Wrench	2 Pcs	Key Wrench	1 Pc	3mm Collet
1 Pc	Plastic Box	1 Pc	Plastic Box	1 Pc	fixed shelves for 7" - 9" Stand Collet
<i>Packing</i> 20 sets/2.0 cu-ft/G.W.: 18 kgs		<i>Packing</i> 20 sets/2.0 cu-ft/G.W.: 18 kgs		<i>Packing</i> 6 sets/0.97 cu-ft/G.W.: 18 kgs	

AIR RANDOM ORBITAL SANDER

♦ Non-Vacuum **GPS-301N** 3", 3-1/2"
 ♦ Non-Vacuum **GPS-301N** 5", 6"
 ♦ Central-Vacuum **GPS-301C** 5", 6"
 ♦ Self-Generated Vacuum **GPS-301S** 5", 6"

Features : (Patents Patented)

1. Oil free
2. Bearing-Oil Leakage prevention performs longer life. Patent: US7,029,253 B2
3. Unique Cylinder-Air-Inlet ensures less maintenance damage.
4. Housing Shroud totally protects housing from dust adhesion. (Only for GPS-302 Series)

Diameter Orbital: (Color of lever)



GPS-301
Bottom View



GPS-302
Bottom View
Patent: US6,997,792 B2

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Pad Size	Max. Speed (rpm)	Horse. Power (HP)	Net Weight (No Pad) (kg)	Length (No Pad) (mm)	Height (No Pad) (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GPS-301N	3", 3-1/2", 5", 6"	12,000	0.32	0.63	158	82	0.38	1/4"	6.5	84	<2.5	12pcs/1.8cu-ft/G.W.: 13kgs
GPS-301C	5", 6"	12,000	0.32	0.67	220	82	0.38	1/4"	6.5	85	<2.5	8pcs/1.5cu-ft/G.W.: 10kgs
GPS-301S	5", 6"	12,000	0.32	0.66	210	82	0.38	1/4"	6.5	88	<2.5	6pcs/1.8cu-ft/G.W.: 9kgs
GPS-302N	3", 3-1/2", 5", 6"	12,000	0.32	0.65	158	82	0.38	1/4"	6.5	84	<2.5	12pcs/1.8cu-ft/G.W.: 13kgs
GPS-302C	5", 6"	12,000	0.32	0.69	220	82	0.38	1/4"	6.5	85	<2.5	8pcs/1.5cu-ft/G.W.: 10kgs
GPS-302S	5", 6"	12,000	0.32	0.68	210	82	0.38	1/4"	6.5	88	<2.5	6pcs/1.8cu-ft/G.W.: 9kgs

AIR RANDOM ORBITAL SANDER (No Spanner Series)

♦ Non-Vacuum **GPS-304N** 3", 3-1/2"
 ♦ Non-Vacuum **GPS-304N** 5", 6"
 ♦ Central-Vacuum **GPS-304C** 5", 6"
 ♦ Self-Generated Vacuum **GPS-304S** 5", 6"

Features : (Patents Patented)

1. Oil Free
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.
5. Housing Shroud totally protects housing from dust adhesion.
6. Optional Safety Lever. (Only for GPS-303 Series)

Diameter Orbital:



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



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



GPS-303
Safety Lever design
Patent: US6,752,705B1

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Pad Size	Max. Speed (rpm)	Horse. Power (HP)	Net Weight (No Pad) (kg)	Length (No Pad) (mm)	Height (No Pad) (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GPS-304N	3", 3-1/2", 5", 6"	12,000	0.32	0.69	160	86	0.36	1/4"	6.5	83	<2.5	12pcs/1.8cu-ft/G.W.: 13.2kgs
GPS-304C	5", 6"	12,000	0.32	0.75	251	86	0.36	1/4"	6.5	84	<2.5	8pcs/1.5cu-ft/G.W.: 10.2kgs
GPS-304S	5", 6"	12,000	0.32	0.74	241	86	0.36	1/4"	6.5	88	<2.5	6pcs/1.8cu-ft/G.W.: 9.2kgs
GPS-303N	3", 3-1/2", 5", 6"	12,000	0.32	0.69	160	86	0.36	1/4"	6.5	83	<2.5	12pcs/1.8cu-ft/G.W.: 13.2kgs
GPS-303C	5", 6"	12,000	0.32	0.75	251	86	0.36	1/4"	6.5	84	<2.5	8pcs/1.5cu-ft/G.W.: 10.2kgs
GPS-303S	5", 6"	12,000	0.32	0.74	241	86	0.36	1/4"	6.5	88	<2.5	6pcs/1.8cu-ft/G.W.: 9.2kgs

AIR SANDER (Random Orbital)



◆ Non-Vacuum
GP-827T



◆ Central Vacuum
GP-925



◆ Non-Vacuum
GP-937R



◆ Central Vacuum
GP-937RD

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Pad Size (inch)	Free Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-827T	5" or 6"	8,000	1.30	160	0.34	1/4"	6.5	89	< 2.5	12pcs/1.7 cu-ft/G.W.: 19kgs
GP-925	5"	8,000	1.32	135	0.30	1/4"	6.5	98	< 2.5	12pcs/1.7 cu-ft/G.W.: 19kgs
GP-937R	5"	9,000	1.20	145	0.34	1/4"	6.5	97	< 2.5	12pcs/2.2 cu-ft/G.W.: 20.5kgs
GP-937RD	5"	9,000	1.10	122	0.34	1/4"	6.5	98	< 2.5	12pcs/2.2 cu-ft/G.W.: 20.5kgs

Random Orbital Dia Orbital 2.5mm

AIR SANDER (Gear-Driven)



◆ Non-Vacuum
GP-935NV5
GP-935NV6



◆ Central Vacuum
GP-935CV5
GP-935CV6



◆ Non-Vacuum
GP-935DN5
GP-935DN6



◆ Central Vacuum
GP-935DC6



◆ Self-Generated Vacuum
GP-935DS6



◆ Self-Generated Vacuum
GP-935SG5
GP-935SG6

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)






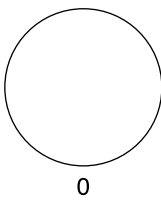
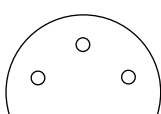
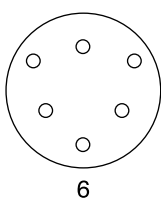

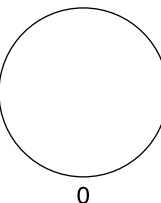
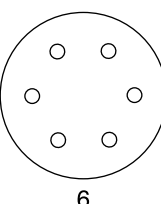
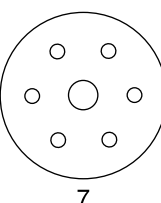
Model	Pad Size (inch)	Free Speed (rpm)	Net Weight (kg)	Height (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-935NV5	5"	1,000	1.00	113	0.45	1/4"	6.5	78	< 2.5	6pcs/2 cu-ft/G.W.: 10kgs
GP-935NV6	6"	1,000	1.00	113	0.45	1/4"	6.5	78	< 2.5	6pcs/2 cu-ft/G.W.: 10kgs
GP-935CV5	5"	1,000	1.00	113	0.45	1/4"	6.5	78	< 2.5	6pcs/2 cu-ft/G.W.: 10kgs
GP-935CV6	6"	1,000	1.00	113	0.45	1/4"	6.5	78	< 2.5	6pcs/2 cu-ft/G.W.: 10kgs
GP-935SG5	5"	1,000	1.00	113	0.45	1/4"	6.5	78	< 2.5	6pcs/2 cu-ft/G.W.: 10kgs
GP-935SG6	6"	1,000	1.00	113	0.45	1/4"	6.5	78	< 2.5	6pcs/2 cu-ft/G.W.: 10kgs
GP-935DN5	5"	1,000	1.30	106	0.56	1/4"	6.5	82	< 2.5	6pcs/1.0 cu-ft/G.W.: 7kgs
GP-935DN6	6"	1,000	1.30	106	0.56	1/4"	6.5	82	< 2.5	6pcs/1.0 cu-ft/G.W.: 7kgs
GP-935DC6	6"	1,000	1.30	106	0.56	1/4"	6.5	82	< 2.5	6pcs/1.0 cu-ft/G.W.: 7kgs
GP-935DS6	6"	1,000	1.30	106	0.56	1/4"	6.5	82	< 2.5	6pcs/1.0 cu-ft/G.W.: 7kgs

Gear-Driven Dia Orbital 5mm


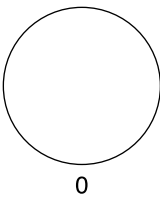
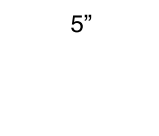
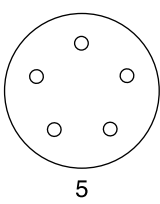

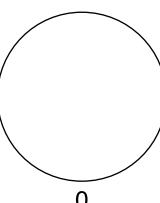
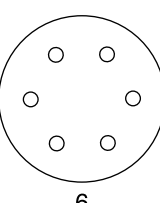
SANDING PAD

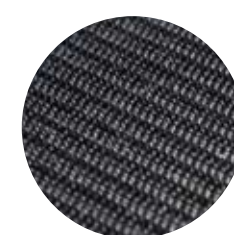


Panel Material F.R.P.

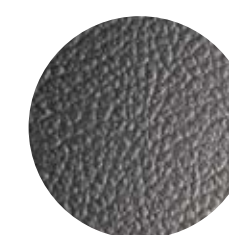
Pad Size	Specification		Weight (g)	Thickness (mm)	Model Number
	Hole	Adhesion			
 3"	 0	Velcro	80	13.0	PADV30F1
		P.S.A.	80	12.5	PADS30F1
 3-1/2"	 0	Velcro	90	16.5	PADV40F1
		P.S.A.	90	16.0	PADS40F1
 5"	 0	Velcro	100.2	9.5	PADV50F1
		P.S.A.	103.9	9.0	PADS50F1
	 5	Velcro	96.6	9.5	PADV55F1
		P.S.A.	100.6	9.0	PADS55F1
	 6	Velcro	93.5	9.5	PADV56F1
		P.S.A.	97.7	9.5	PADS56F1
 6"	 0	Velcro	136.1	10.5	PADV60F1
		P.S.A.	135.9	10.0	PADS60F1
	 6	Velcro	130.8	10.5	PADV66F1
		P.S.A.	135.4	10.0	PADS66F1
	 7	Velcro	134	10.5	PADV67F1

Panel Material Nylon

Pad Size	Specification		Weight (g)	Thickness (mm)	Model Number
	Hole	Adhesion			
 5"	 0	Velcro	99.2	16.5	PADV50N2
		P.S.A.	104.9	16.5	PADS50N2
 5"	 5	P.S.A.	81.5	14.5	PADS55N2
		Velcro	117.5	16.0	PADV60N2
 6"	 0	P.S.A.	123.0	15.5	PADS60N2
		Velcro	102.0	10.5	PADV66N1
	 6	P.S.A.	100.3	11.0	PADS66N1



Velcro (Hook Face)



P.S.A. (Vinyl Face)

AIR SANDER →



▶ Self-Generated Vacuum
GP-934SD



▶ Non-Vacuum
GP-827N



▶ Central Vacuum
GP-828NV



▶ Self-Generated Vacuum
GP-934RD



▶ Non-Vacuum
GP-937S



▶ Non-Vacuum
GP-926



▶ Non-Vacuum
GP-927

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Pad Size	Free Speed (rpm)	Orbital Diameter (mm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-934SD	93x176mm	6,000	5	2.10	275	0.40	1/4"	6.5	87	9.2	6pcs/2.0 cu-ft/G.W.: 18kgs
GP-827N	88x165mm	8,000	1.8	1.80	170	0.42	1/4"	6.5	88	9.0	10pcs/1.34 cu-ft/G.W.: 20kgs
GP-937S	74x145mm	8,000	5	1.20	155	0.34	1/4"	6.5	81	11.0	12pcs/1.3 cu-ft/G.W.: 17kgs
GP-926	75x82mm	15,000	1.2	0.50	140	0.15	1/8"	5	77	5.4	20pcs/1.3 cu-ft/G.W.: 18kgs
GP-927	100x110mm	20,000	1.6	0.55	130	0.20	1/8"	5	84	7.2	20pcs/2.3 cu-ft/G.W.: 20.5kgs
GP-828NV	6"	10,000	4.5	2.25	130	0.30	1/4"	6.5	90	< 2.5	10pcs/1.4 cu-ft/G.W.: 24.5kgs
GP-934RD	5"	10,000	10	1.90	240	0.40	1/4"	9.5	87	< 2.5	6pcs/2.0 cu-ft/G.W.: 18kgs

STRAIGHT LINE AIR SANDER →



GP-845A

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Pad Size (mm)	Stroke Length (mm)	Stroke Speed (bpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-845A	70x445	25	2,100	3.00	450	0.35	1/4"	6.5	91	19.0	5pcs/1.3 cu-ft/G.W.: 15kgs

AIR ANGLE & VERTICAL SANDER



GP-829

- ◆ Rear Exhaust
 - ◆ Gravity Cast
- GP-929



GP-821

GP-823G

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Pad Size (inch)	Spindle Thread (inch)	Free Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-829	7"	5/8"-11,M14	4,500	2.25	370	0.39	1/4"	6.5	86	< 2.5	10pcs/1.95 cu-ft/G.W.: 24.5kgs
GP-929	7"	5/8"-11,M14	4,500	2.90	441	0.45	1/4"	6.5	81	< 2.5	6pcs/1.65 cu-ft/G.W.: 19kgs
GP-821	7"	5/8"-11	4,200	2.60	190	0.45	1/4"	6.5	88	< 2.5	8pcs/1.2 cu-ft/G.W.: 22.5kgs
GP-823G	3", 4-1/2", 5"	--	18,000	1.20	165	0.23	1/4"	6.5	95	2.9	10pcs/1.0 cu-ft/G.W.: 14kgs

MINI AIR ANGLE SANDER



GP-824STA3

GP-823A

- ◆ 110°
- GP-824MA



GP-822A

GP-822C

- ◆ 110°
- GP-824LS

- ◆ 100°
 - ◆ No Gear
 - ◆ Rear Exhaust
- GP-824LSR



- ◆ 110°
 - ◆ No Gear
- GP-824CF

- ◆ 100°
 - ◆ No Gear
 - ◆ Rear Exhaust
- GP-823AR
GP-823AR3

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Type	Pad Size (inch)	Orbital Dia (mm)	Free Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-823STA3	Rotate	2"	--	15,000	0.70	200	0.24	1/4"	5.0	86	< 2.5	12pcs/0.8 cu-ft/G.W.: 11.5kgs
GP-823A	Rotate	2"	--	15,000	0.66	152	0.30	1/4"	5.0	85	< 2.5	20pcs/0.95 cu-ft/G.W.: 14kgs
GP-824MA	Rotate	2"	--	15,000	0.66	170	0.23	1/4"	5.0	86	< 2.5	10pcs/1.2 cu-ft/G.W.: 13.5kgs
GP-824CF	Rotate	2"	--	25,000	0.65	142	0.30	1/4"	5.0	82	< 2.5	10pcs/1.2 cu-ft/G.W.: 13.5kgs
GP-823AR	Rotate	2"	--	22,000	0.55	170	0.23	1/4"	5.0	80	< 2.5	10pcs/1.0 cu-ft/G.W.: 9kgs
GP-823AR3	Rotate	3"	--	15,000	0.70	180	0.30	1/4"	6.0	81	< 2.5	20pcs/1.1 cu-ft/G.W.: 15kgs
GP-822A	Dual Action	2"	3	15,000	0.70	152	0.30	1/4"	5.0	85	< 2.5	25pcs/2.2 cu-ft/G.W.: 19kgs
GP-822C	Dual Action	3"	1	16,000	0.76	180	0.32	1/4"	5.0	95	< 2.5	25pcs/0.7 cu-ft/G.W.: 20kgs
GP-824LS	Dual Action	2"or3"	3	15,000	0.70	165	0.32	1/4"	5.0	87	< 2.5	25pcs/1.7 cu-ft/G.W.: 20kgs
GP-824LSR	Dual Action	2"	3	13,000	0.65	180	0.30	1/4"	6.0	81	< 2.5	20pcs/1.1 cu-ft/G.W.: 14kgs

AIR BELT SANDER



GP-902

GP-902E



Waterfed
GP-902W



GP-902A

GP-902B

GP-902C

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Belt Size (mm)	Free Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm) I.D.	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-902	10 x 330	16,000	0.78	265	0.40	1/4"	6.5	88	4.0	20pcs/1.6 cu-ft/G.W.: 16kgs
GP-902E	13 x 610	18,000	0.84	430	0.40	1/4"	6.5	85	4.0	10pcs/1.9 cu-ft/G.W.: 9kgs
GP-902A	20 x 520	16,000	1.18	345	0.40	1/4"	6.5	88	5.2	10pcs/1.9 cu-ft/G.W.: 17kgs
GP-902B	30 x 540	13,000	2.10	390	0.45	1/4"	8.0	92	5.2	6 pcs/2.4 cu-ft/G.W.: 17kgs
GP-902C	60 x 260	7,000	1.65	245	0.45	1/4"	8.0	92	5.2	10pcs/1.7 cu-ft/G.W.: 17kgs
GP-902W	10 x 300	16,000	0.93	330	0.40	1/4"	6.5	88	4.0	20pcs/1.6 cu-ft/G.W.: 17kgs

AIR ANGLE & VERTICAL POLISHER



GP-830

Gravity Cast
Rear Exhaust
GP-930



GP-821P

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Spindle Thread (inch)	Pad Size (inch)	Free Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-830	5/8"-11,M14	7"	2,500	2.25	382	0.39	1/4"	6.5	88	3.1	10pcs/1.95 cu-ft/G.W.: 25kgs
GP-930	5/8"-11,M14	7"	2,500	2.90	453	0.45	1/4"	6.5	90	< 2.5	6pcs/1.65 cu-ft/G.W.: 19kgs
GP-821P	5/8"-11	7"	2,000	2.60	190	0.45	1/4"	6.5	81	< 2.5	8pcs/1.2 cu-ft/G.W.: 26.8kgs

AIR CHIPPING HAMMER

◆ Round Shank
GP-891
◆ Hex. Shank
GP-891H



◆ Round Shank
GP-892
◆ Hex. Shank
GP-892H



◆ Round Shank
GP-893
◆ Hex. Shank
GP-893H



◆ Round Shank
GP-894
◆ Hex. Shank
GP-894H



◆ Round Shank
GP-895
◆ Hex. Shank
GP-895H



Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Stroke Speed (bpm)	Piston Stroke (mm)	Shank Size (mm)		Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
			∅	⊓								
GP-891/GP-891H	3,600	50	14.95	12.80	2.8	254	0.35	3/8"	8	92	10.4	6pcs/0.8 cu-ft/G.W.: 21kgs
GP-892/GP-892H	2,500	25.4	17.30	14.50	6.5	388	0.80	3/8"	8	105	11.0	2pcs/0.75 cu-ft/G.W.: 15.8kgs
GP-893/GP-893H	2,300	51	17.30	14.50	7.0	410	0.85	3/8"	8	100	11.0	2pcs/0.75 cu-ft/G.W.: 16.3kgs
GP-894/GP-894H	2,200	64	17.30	14.50	7.5	450	0.90	3/8"	8	103	11.0	2pcs/0.93 cu-ft/G.W.: 17.8kgs
GP-895/GP-895H	1,800	102	17.30	14.50	8.0	480	0.95	3/8"	8	102	11.0	2pcs/0.93 cu-ft/G.W.: 18.8kgs

AIR HAMMER

◆ Round Shank
GP-150
◆ Hex. Shank
GP-150H



◆ Round Shank
GP-190
◆ Hex. Shank
GP-190H



◆ Round Shank
GP-250
◆ Hex. Shank
GP-250H



◆ Round Shank
GP-190C
◆ Hex. Shank
GP-190CH
◆ Conical Shank
GP-190CP



◆ Round Shank
GP-250C
◆ Hex. Shank
GP-250CH
◆ Conical Shank
GP-250CP



◆ Round Shank
GP-150SQ
◆ Hex. Shank
GP-150SQH
◆ Round Shank
GP-190SQ
◆ Hex. Shank
GP-190SQH



COMPOSITE AIR HAMMER (Low vibration)

◆ Round Shank
GP-150CSR
◆ Hex. Shank
GP-150CSRH



◆ Round Shank
GP-190CSR
◆ Hex. Shank
GP-190CSRH



◆ Round Shank
GP-250CSR
◆ Hex. Shank
GP-250CSRH



AIR HAMMER (for fine masonry work)

◆ Round Shank(∅10.2mm)
◆ Built-in Air Regulator
GPW-4500



◆ Round Shank(∅10.2mm)
◆ Built-in Air Regulator
GPW-7000



Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Piston Stroke (mm)	Stroke Speed (bpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-150/GP-150H	41	4,500	1.20	150	0.11	1/4"	6.5	99	15.2	10pcs/0.8 cu-ft/G.W.: 17kgs
GP-190/GP-190H	67	3,200	1.60	190	0.11	1/4"	6.5	99	13.7	10pcs/0.85 cu-ft/G.W.: 20kgs
GP-250/GP-250H	89	2,000	2.20	250	0.11	1/4"	6.5	96	11.0	10pcs/0.9 cu-ft/G.W.: 22.5kgs
GP-190C/GP-190CH/GP-190CP	67	3,500	1.50	171	0.11	1/4"	6.5	99	8.4	10pcs/0.8 cu-ft/G.W.: 16.5kgs
GP-250C/GP-250CH/GP-250CP	89	2,100	2.00	225	0.11	1/4"	6.5	96	13.5	10pcs/1 cu-ft/G.W.: 21kgs
GP-150SQ/GP-150SQH	41	4,500	1.36	133	0.11	1/4"	6.5	99	15.0	10pcs/0.55 cu-ft/G.W.: 13kgs
GP-190SQ/GP-190SQH	67	3,000	1.59	171	0.11	1/4"	6.5	98	9.0	10pcs/0.97 cu-ft/G.W.: 18kgs
GP-150CSR/GP-150CSRH	50	3,700	1.36	189	0.20	1/4"	10	100	16.0	10pcs/1.7 cu-ft/G.W.: 18kgs
GP-190CSR/GP-190CSRH	76	2,800	1.56	215	0.20	1/4"	10	100	11.0	10pcs/1.7 cu-ft/G.W.: 21kgs
GP-250CSR/GP-250CSRH	94	2,100	1.88	260	0.20	1/4"	10	102	6.5	10pcs/1.7 cu-ft/G.W.: 23kgs
GPW-4500	36	4,500	0.73	155	0.12	1/4"	6.5	88	--	20pcs/1.2 cu-ft/G.W.: 19kgs
GPW-7000	36	7,000	0.75	155	0.12	1/4"	6.5	88	--	20pcs/1.2 cu-ft/G.W.: 19kgs

AIR NEEDLE SCALER & FLUX CHIPPER



GP-851A



GP-851B



GP-851D



GP-851P



GP-851G



GP-851H



Light & Small
GP-851J



GP-851N

GP-851 2-in-1



GP-851E

GP-851E 2-in-1



GP-851I

GP-851I 2-in-1

For separate model, please specify N=Needle Scaler F=Flux Chipper



Light & Small
GP-851M

Specification

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Needle (mmx pc)	Stroke Speed (bpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-851A	3 x 19	3,700	2.6	375	0.16	1/4"	8	106	8.7	6pcs/0.4 cu-ft/G.W.: 17.5kgs
GP-851B	3 x 19	3,700	2.6	250	0.16	1/4"	8	106	8.7	6pcs/1.3 cu-ft/G.W.: 19kgs
GP-851D	3 x 28	3,000	4.5	480	0.16	1/4"	8	106	18.6	4pcs/1.7 cu-ft/G.W.: 20kgs
GP-851P	3 x 28	3,800	3.5	360	0.25	3/8"	8	93	14.6	6pcs/1.5 cu-ft/G.W.: 24kgs
GP-851G	3 x 23	3,800	2.7	348	0.22	3/8"	8	92	4.7	6pcs/1.3 cu-ft/G.W.: 19kgs
GP-851H	3 x 19	4,000	2.1	325	0.12	1/4"	8	91	14.5	10pcs/1.5 cu-ft/G.W.: 24kgs
GP-851J	3 x 12	4,200	1.08	258	0.12	1/4"	8	91	14.5	12pcs/0.65 cu-ft/G.W.: 16kgs
GP-851	3 x 19 Flux Chipper	4,400	2.8	410	0.25	1/4"	8	96	10.2	6pcs/0.6 cu-ft/G.W.: 18kgs
GP-851E	3 x 19 Flux Chipper	4,400	2.7	410	0.23	1/4"	8	90	14.5	6pcs/0.6 cu-ft/G.W.: 19kgs
GP-851I	3 x 12 Flux Chipper	4,800	1.3	290	0.12	1/4"	8	91	14.5	10pcs/0.5 cu-ft/G.W.: 16kgs
GP-851M	Flux Chipper	4,000	1.4	280	0.12	1/4"	6.5	91	14.5	10pcs/0.5 cu-ft/G.W.: 17kgs

AIR HAMMER



GP-923 AIR SCALING HAMMER		GP-923A AIR SCALING HAMMER		GP-131 AIR SCRAPER		GP-300 PALM HAMMER NAILER		GAH-15 AUTO HAMMER	
Piston Stroke	15mm	Piston Stroke	22.5mm	Stroke Speed	4800bpm	Capacity	6-16mm Dia. Nail	Associated Hammer Tip	Aluminium Black Plastic-for medium hard plastic
Stroke Speed	7,200bpm	Stroke Speed	2,800bpm	Net Weight	0.70kg	Net Weight	0.90kg	Optional Hammer Tip	Steel Yellow Plastic-for hard plastic Blue Plastic-for soft plastic Red Plastic-for ultra soft plastic
Net Weight	1.90kg	Net Weight	3.90kg	Length	248mm	Length	215mm	Net Weight	0.60kg
Length	480mm	Length	496mm	Air Cons.	0.30m ³ /min	Nail Guide	Magnetic	Length	92mm
Air Cons.	0.30m ³ /min	Air Cons.	0.33m ³ /min	Air Intet	1/4"	Air Cons.	0.22m ³ /min	Air Cons.	0.30m ³ /min
Air Intet	1/4"	Air Intet	3/8"	Hose Size	8mm	Air Inlet	1/4"	Air Intet	1/4"
Hose Size	8mm	Hose Size	8mm	Sound Pressure	86dBA	Hose Size	6.5mm	Hose Size	6.5mm
Sound Pressure	90dBA	Sound Pressure	92dBA	Vibration	9.5m/S ²				
Vibration	35.1m/S ²	Vibration	13.3m/S ²						
Packing	10 pcs/1.5 cu-ft/G.W.: 25.5 kgs	Packing	4 pcs/2.3 cu-ft/G.W.: 20.5 kgs	Packing	20 pcs/1.4 cu-ft/G.W.: 14.5 kgs	Packing	12 sets/1.2 cu-ft/G.W.: 14.5 kgs	Packing	20 pcs/1.4 cu-ft/G.W.: 14.5 kgs

AIR HAMMER KITS



GP-150K/190K/250K GP-150HK/190HK/250HK		GP-150SQK/190SQK GP-150SQHK/190SQHK		GP-190CK/250CK GP-190CHK/250CHK	
1 Pc	Air Hammer	1 Pc	Air Hammer	1 Pc	Air Hammer
1 Pc	Retainer	1 Pc	Retainer	1 Pc	Retainer
5 Pcs	Chisel (Round/Hex.)	5 Pcs	Chisel (Round/Hex.)	5 Pcs	Chisel (L:175mm)
1 Pc	Mini Oiler	1 Pc	Mini Oiler	1 Pc	Plastic Box
1 Pc	Nipple	1 Pc	Nipple		
1 Pc	Plastic Box	1 Pc	Plastic Box		
Packing		Packing		Packing	
GP-150K/150HK	10 sets/1.6 cu-ft/G.W.: 19.5 kgs	GP-150SQK/150SQHK	10 sets/1.65 cu-ft/G.W.: 30 kgs	GP-190CK/190CHK	6 sets/2.0 cu-ft/G.W.: 20 kgs
GP-190K/190HK	10 sets/1.8 cu-ft/G.W.: 27 kgs	GP-190SQK/190SQHK	10 pcs/1.65 cu-ft/G.W.: 30 kgs	GP-250CK/250CHK	6 sets/2.0 cu-ft/G.W.: 22 kgs
GP-250K/250HK	5 sets/1.0 cu-ft/G.W.: 17 kgs				

HAMMER ACCESSORIES



Attachment for Chipping Hammer GP-891 / 891H



Retainer Spring (Close)
S033



Retainer Spring (Open)
S039



Flat Chisel
CHI-01FR Round Shank
CHI-01FH Hex. Shank



Point Chisel
CHI-01PR Round Shank
CHI-01PH Hex. Shank

Attachment for Pistol Hammer GP-150 / 190 / 250 Series



Retainer Spring
SQ-001



Zip Retainer Spring
SQ-002



Quick Change Retainer
SQ-003



Needle Scaler Attachment
HNS-01



HPT-04



HPT-05



HPT-09

Attachment for Chipping Hammer GP-892~895 / 892H~895H



Retainer Sleeve
892023



Flat Chisel
CHI-02FR Round Shank
CHI-02FH Hex. Shank



Point Chisel
CHI-02PR Round Shank
CHI-02PH Hex. Shank

HPT-04	4 Pcs Chisel	HPT-05	5 Pcs Chisel	HPT-09	9 Pcs Chisel
HPT-04RS	Round Shank, 125mm	HPT-05RL	Round Shank, 175mm	HPT-09R	Round Shank, 175&125mm
HPT-04HS	Hex. Shank, 125mm	HPT-05RS	Round Shank, 125mm	HPT-09H	Hex. Shank, 175&125mm
		HPT-05HL	Hex. Shank, 175mm		
		HPT-05HS	Hex.Shank, 125mm		
<i>Packing</i>	<i>25 sets/0.4 cu-ft/G.W.: 15 kgs</i>	<i>Packing</i>	<i>20 sets/0.4 cu-ft/G.W.: 19 kgs</i>	<i>Packing</i>	<i>18 sets/0.7 cu-ft/G.W.: 24.5 kgs</i>

AIR STRAIGHT DRILL



GP-330



GP-340



GP-330STN



GP-330A



GP-350



GP-330T



GP-330ST

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (inch)	Max. Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-330	3/8"	2,500	1.0	225	0.08	1/4"	6.5	95	< 2.5	20pcs/1.29 cu-ft/G.W.: 21kgs
GP-340	3/8"	22,000	0.92	205	0.08	1/4"	6.5	94	< 2.5	20pcs/1.0 cu-ft/G.W.: 19kgs
GP-350	3/8"	1,600	0.87	225	0.20	1/4"	6.5	75	< 2.5	20pcs/1.1 cu-ft/G.W.: 18kgs
GP-330T	3/8"	2,000	0.97	228	0.08	1/4"	6.5	85	< 2.5	20pcs/0.93 cu-ft/G.W.: 20.5kgs
GP-330ST	3/8"	2,600	1.08	218	0.08	1/4"	6.5	82	< 2.5	12pcs/1.10 cu-ft/G.W.: 14kgs
GP-330STN	3/8"	3,600	1.08	218	0.08	1/4"	6.5	82	< 2.5	12pcs/1.10 cu-ft/G.W.: 14kgs
GP-330A	1/4"	6,500	0.62	175	0.13	1/4"	6.5	85	< 2.5	20pcs/0.5 cu-ft/G.W.: 15kgs

AIR ANGLE DRILL



GP-835TB



GP-835ADS



GP-835C



GP-835F



GP-836C

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (inch)	Max. Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-835TB	3/8"	1,900	0.96	220	0.34	1/4"	6.5	92	< 2.5	20pcs/1.40 cu-ft/G.W.: 21kgs
GP-835ADS	3/8"	2,200	1.17	200	0.08	1/4"	6.5	82	< 2.5	12pcs/0.8 cu-ft/G.W.: 15kgs
GP-835C	3/8"	2,400	1.10	170	0.31	1/4"	6.5	82	< 2.5	10pcs/0.75 cu-ft/G.W.: 12kgs
GP-835F	3/8"	2,200	1.20	172	0.31	1/4"	6.5	83	< 2.5	10pcs/1.73 cu-ft/G.W.: 13kgs
GP-836C	1/2"	800	1.76	203	0.33	1/4"	6.5	90	< 2.5	10pcs/0.92 cu-ft/G.W.: 18kgs

AIR REVERSIBLE ANGLE DRILL



GP-836D

GP-840A

GP-840S

GP-26D

HEAVY DUTY AIR ANGLE DRILL



► Reversible Type
► Keyless Chuck
GP-840B

► Keyless Chuck
GP-840C



GP-340K

GP-340K Air Straight Drill Kit

1 Pc	High Speed Air Drill (GP-340)
5 Pcs	1/4" or 6mm Shank Stones
5 Pcs	1/8" or 3mm Shank Stones
1 Pc	Nipple
2 Pcs	Hex. Key Wrench
1 Pc	Plastic Box
Packing	10 sets/1.06 cu-ft/G.W.: 14 kgs

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (inch)	Max. Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-836D	1/2"	800	1.76	230	0.38	1/4"	6.5	82	< 2.5	10pcs/0.92 cu-ft/G.W.: 18kgs
GP-840A	3/8"	2,300	1.30	191	0.38	1/4"	6.5	83	< 2.5	10pcs/0.73 cu-ft/G.W.: 15kgs
GP-840S	3/8"	1,800	1.20	177	0.38	1/4"	6.5	87	< 2.5	10pcs/1.73 cu-ft/G.W.: 13kgs
GP-26D	5/8"	1,800	1.20	177	0.38	1/4"	6.5	87	< 2.5	2pcs/1.0 cu-ft/G.W.: 15kgs



► Keyless Chuck
GP-835B

► Keyless Chuck
GP-836B3, B5, B8

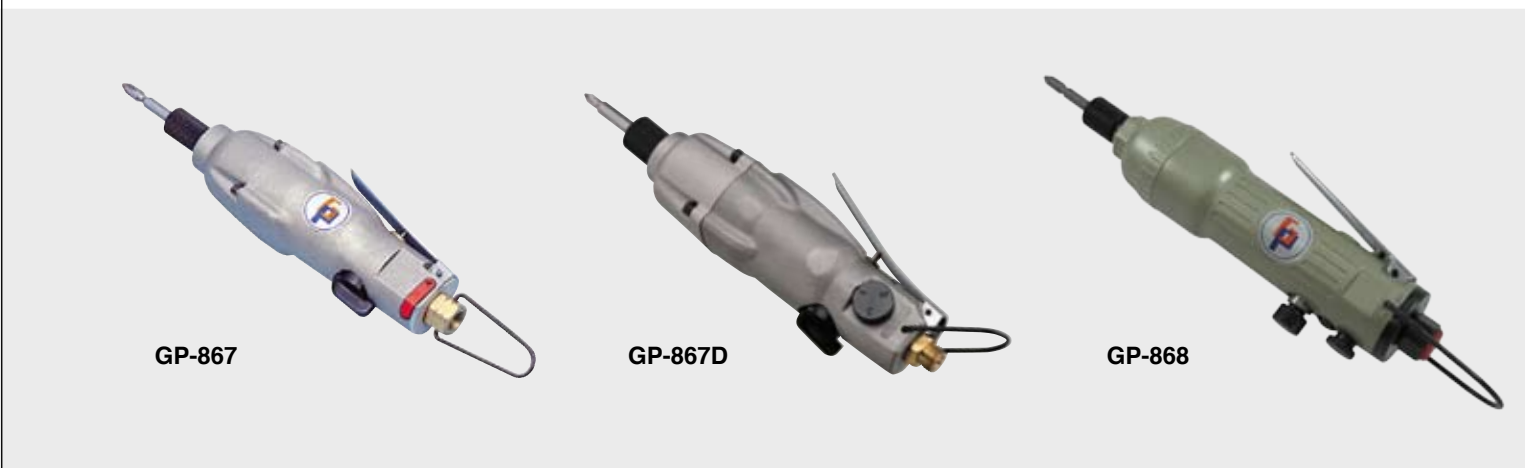
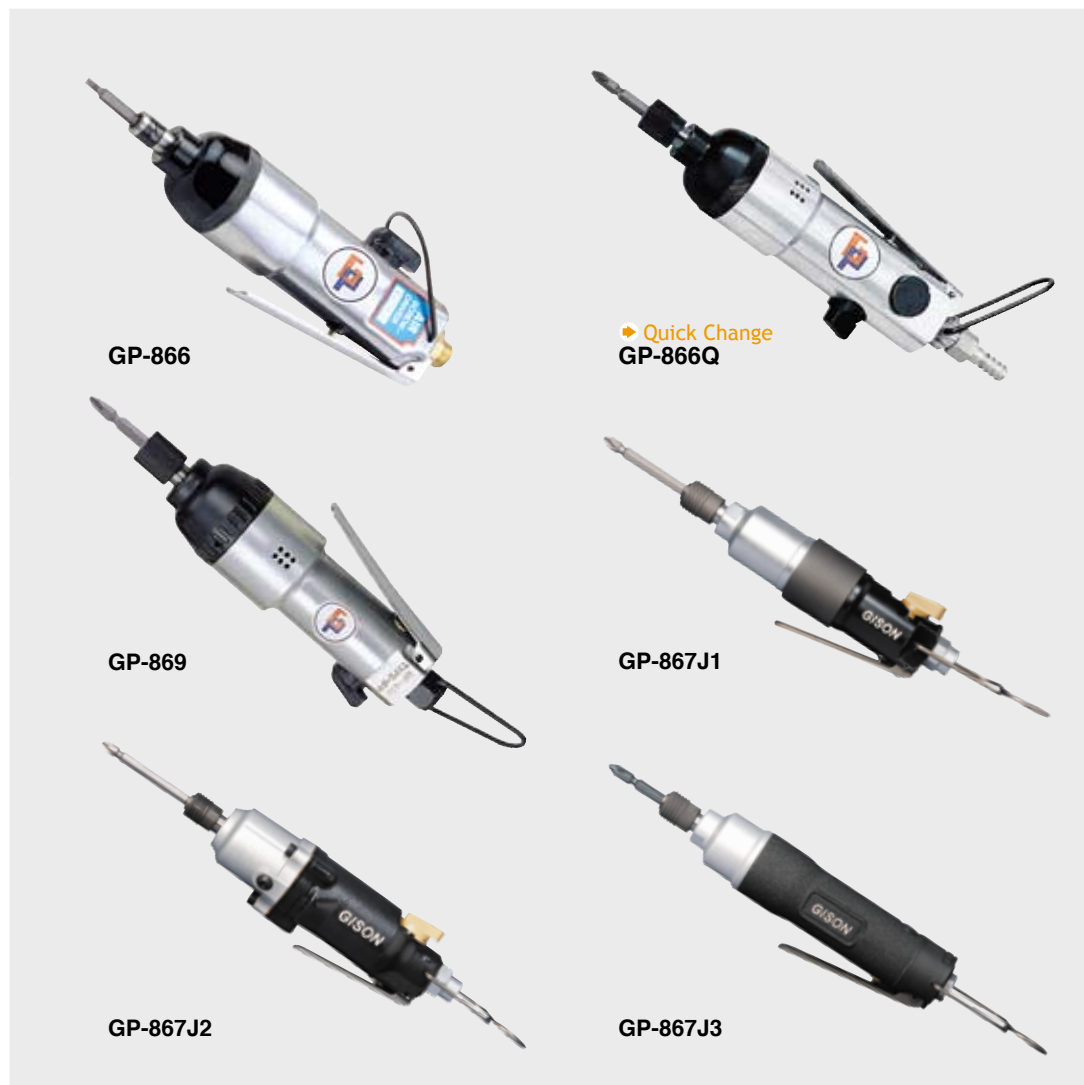
► Reversible Type
► Keyless Chuck
GP-836E2, E4, E8

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (inch)	Max. Speed (rpm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-840B	3/8"	1,800	1.10	195	0.20	1/4"	10	90	< 2.5	10pcs/0.85 cu-ft/G.W.: 14kgs
GP-840C	3/8"	2,200	1.08	194	0.20	1/4"	10	88	< 2.5	10pcs/0.82 cu-ft/G.W.: 12kgs
GP-835B	3/8"	3,500	1.12	165	0.16	1/4"	10	75	< 2.5	10pcs/0.82 cu-ft/G.W.: 15.2kgs
GP-836B3	1/2"	300	1.50	228	0.18	1/4"	10	90	< 2.5	10pcs/0.8 cu-ft/G.W.: 14kgs
GP-836B5	1/2"	500	1.50	228	0.18	1/4"	10	90	< 2.5	10pcs/0.8 cu-ft/G.W.: 14kgs
GP-836B8	1/2"	850	1.50	228	0.18	1/4"	10	90	< 2.5	10pcs/0.8 cu-ft/G.W.: 14kgs
GP-836E2	1/2"	250	1.50	229	0.22	1/4"	10	90	< 2.5	10pcs/0.82 cu-ft/G.W.: 14kgs
GP-836E4	1/2"	450	1.50	229	0.22	1/4"	10	90	< 2.5	10pcs/0.82 cu-ft/G.W.: 14kgs
GP-836E8	1/2"	800	1.50	229	0.22	1/4"	10	90	< 2.5	10pcs/0.82 cu-ft/G.W.: 14kgs

AIR SCREW DRIVER (Impact Type)



Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (mm)	Hex Shank Size (inch)	Free Speed (rpm)	Max. Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-866	4.0 - 5.0	1/4"	8,000	26(35)	0.68	190	0.20	1/4"	6.5	86	< 2.5	20pcs/0.70 cu-ft/G.W.: 15.5kgs
GP-866Q	3.5 - 4.5	1/4"	8,000	20(27)	0.68	190	0.20	1/4"	6.5	86	< 2.5	20pcs/0.73 cu-ft/G.W.: 16kgs
GP-867	5.0 - 6.0	1/4"	8,500	17.4(23.5)	1.12	215	0.23	1/4"	6.5	95	< 2.5	20pcs/1.44 cu-ft/G.W.: 24.5kgs
GP-867D	5.0 - 6.0	1/4"	6,500	36(48)	1.10	210	0.23	1/4"	6.5	92	< 2.5	20pcs/1.50 cu-ft/G.W.: 23kgs
GP-868	6.0 - 8.0	1/4"	7,000	148(200)	1.20	210	0.22	1/4"	6.5	89	< 2.5	20pcs/1.10 cu-ft/G.W.: 25kgs
GP-869	6.0 - 8.0	1/4"	12,000	74(100)	0.95	195	0.22	1/4"	6.5	92	< 2.5	20pcs/1.10 cu-ft/G.W.: 21kgs
GP-867J1	4.0 - 5.0	1/4"	10,500	15(20)	0.60	173	0.21	1/4"	6.5	80	< 2.5	20pcs/1.10 cu-ft/G.W.: 15kgs
GP-867J2	6.0 - 8.0	1/4"	8,500	70(95)	1.00	200	0.21	1/4"	6.5	85	< 2.5	20pcs/1.10 cu-ft/G.W.: 23kgs
GP-867J3	5.0	1/4"	12,000	50(68)	0.70	196	0.21	1/4"	6.5	80	< 2.5	20pcs/1.10 cu-ft/G.W.: 17kgs

AIR SCREW DRIVER (Slip-Clutch Type)



Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (mm)	Hex Shank Size (inch)	Free Speed (rpm)	Max. Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-802	5.0 - 6.0	1/4"	1,800	3(4)	0.65	210	0.16	1/4"	5.0	84	< 2.5	20pcs/1.10 cu-ft/G.W.: 14kgs
GP-804HP	2.2 - 3.0	1/4"	1,500	1.5(2)	0.78	210	0.12	1/4"	5.0	78	< 2.5	20pcs/1.10 cu-ft/G.W.: 17kgs
GP-861H	3.0 - 4.0	1/4"	1,500	2.2(3)	0.65	228	0.12	1/4"	5.0	83	< 2.5	20pcs/1.10 cu-ft/G.W.: 14kgs
GP-861H1	3.0 - 4.0	1/4"	800	5.9(8)	0.90	228	0.12	1/4"	5.0	83	< 2.5	20pcs/1.40 cu-ft/G.W.: 19kgs

AIR SCREW DRIVER (Shut-off Type)



GP-861C

Push Start
GP-904
GP-904B

Push Start
GP-905
GP-905B

Push Start
GP-906A

Push Start
GP-906B

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (mm)	Hex Shank Size	Free Speed (rpm)	Max. Torque (Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-861C	3.0 - 4.0	1/4"	1,000	0.39-0.78	0.70	230	0.12	1/4"	5.0	86	< 2.5	20pcs/1.10 cu-ft/G.W.: 16kgs
GP-904	3.0	2.5mm	1,000	0.85-1.5	0.72	265	0.12	1/4"	5.0	40	< 2.5	20pcs/1.40 cu-ft/G.W.: 14.5kgs
GP-904B	3.5	2.5mm	1,000	1.5-2.3	0.72	265	0.12	1/4"	5.0	40	< 2.5	20pcs/1.40 cu-ft/G.W.: 14.5kgs
GP-905	4.0	2.5mm	650	2.2-3.5	0.99	290	0.14	1/4"	5.0	40	< 2.5	10pcs/0.9 cu-ft/G.W.: 12kgs
GP-905B	5.0 - 6.0	2.5mm	650	3.5-6.5	0.99	290	0.14	1/4"	5.0	40	< 2.5	10pcs/0.9 cu-ft/G.W.: 12kgs
GP-906A	2	2.5mm	2,000	0.25-0.35	0.35	190	0.07	1/4"	5.0	40	< 2.5	10pcs/0.90 cu-ft/G.W.: 5kgs
GP-906B	3	2.5mm	800	0.35-1.0	0.37	190	0.07	1/4"	5.0	40	< 2.5	10pcs/0.90 cu-ft/G.W.: 5kgs

AIR ANGLE SCREW DRIVER (Impact Type)



GP-801LA

GP-950

GP-951

Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (mm)	Hex Shank Size (inch)	Free Speed (rpm)	Max. Torque (ft.lb(Nm))	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-801LA	5.0 - 6.0	1/4"	10,000	26(35)	0.88	140	0.20	1/4"	6.5	90	< 2.5	15pcs/1.30 cu-ft/G.W.: 16kgs
GP-950	6.0 - 8.0	1/4"	10,000	135(183)	0.95	135	0.22	1/4"	6.5	88	< 2.5	20pcs/1.70 cu-ft/G.W.: 21kgs
GP-951	6.0 - 8.0	1/4"	8,500	44.5(60)	1.15	176	0.11	1/4"	6.5	87	< 2.5	10pcs/1.20 cu-ft/G.W.: 14.5kgs

AIR ANGLE SCREW DRIVER (Slip-Clutch Type)



GP-802L90



GP-804L90



GP-862H1



GP-861J



GP-861J1



GP-862H

Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)		
Model	Capacity (mm)	Hex Shank Size (inch)	Free Speed (rpm)	Max Torque ft.lb(Nm)	Net Weight (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-802L90	5.0 - 6.0	1/4"	1,600	3(4)	0.90	230	0.16	1/4"	5.0	80	< 2.5	20pcs/1.40 cu-ft/G.W.: 19kgs
GP-804L90	3.0 - 4.0	1/4"	1,400	2.2(3)	0.90	230	0.16	1/4"	5.0	80	< 2.5	20pcs/1.40 cu-ft/G.W.: 19kgs
GP-861J	6	1/4"	1,800	6.6(9)	1.40	175	0.23	1/4"	5.0	92	< 2.5	10pcs/0.92 cu-ft/G.W.: 15kgs
GP-861J1	8	1/4"	800	9.5(13)	1.50	205	0.23	1/4"	5.0	92	< 2.5	10pcs/0.92 cu-ft/G.W.: 15kgs
GP-862H	5.0 - 6.0	1/4"	1,800	6.6(9)	1.20	210	0.20	1/4"	5.0	86	< 2.5	10pcs/0.91 cu-ft/G.W.: 14kgs
GP-862H1	5.0 - 6.0	1/4"	800	9.5(13)	1.25	210	0.20	1/4"	5.0	88	< 2.5	10pcs/0.91 cu-ft/G.W.: 15kgs

AIR SCREW DRIVER KITS



GP-866K



GP-866QK

GP-866K		GP-866QK	
1 Pc	Air Screw Driver (GP-866)	1 Pc	Screw Driver (GP-866Q)
7 Pcs	Bits	7 Pcs	Bits
1 Pc	Cap Spanner	1 Pc	Cap Spanner
1 Pc	Nipple	1 Pc	Nipple
1 Pc	Plastic Box	1 Pc	Plastic Box
<i>Packing</i>	<i>10 sets/1.0 cu-ft/G.W.: 13 kgs</i>	<i>Packing</i>	<i>10 sets/1.0 cu-ft/G.W.: 13 kgs</i>

AIR HYDRAULIC RIVETER



GP-101

GP-101A

GP-501

GP-843

GP-486T

GP-485L

GP-484L

AIR HYDRAULIC RIVETER (Vacuum Type)



GP-101V/102V/104V

GP-101SV/102SV/104SV

GP-843M



GP-101H

GP-102

GP-104

GP-500

Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)
Model	Traction Power (kg.f)	Stroke Length (mm)	Rivet Nut Dia. (mm)	N.W. (kg)	Height (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Packing	
GP-101	1,603	14	2.4, 3.2, 4.0, 4.8, 6.0, 6.4	1.85	272	0.14	1/4"	6.5	6pcs/2.3cu-ft/G.W.: 15kgs	
GP-101A	1,229	14	2.4, 3.2, 4.0, 4.8, 6.0, 6.4	1.64	268	0.09	1/4"	6.5	6pcs/2.55cu-ft/G.W.: 12.5kgs	
GP-101H	1,700	18	2.4, 3.2, 4.0, 4.8, 6.0, 6.4	1.75	298	0.15	1/4"	6.5	6pcs/2.55cu-ft/G.W.: 12.5kgs	
GP-102	1,045	16	2.4, 3.2, 4.0, 4.8	1.56	270	0.09	1/4"	6.5	10pcs/2.55cu-ft/G.W.: 19.5kgs	
GP-104	1,045	16	2.4, 3.2, 4.0, 4.8	1.52	265	0.09	1/4"	6.5	10pcs/1.65cu-ft/G.W.: 15kgs	
GP-500	1,250	18.5	2.4, 3.2, 4.0, 4.8, 6.0, 6.4	2.10	325	0.13	1/4"	6.5	10pcs/2.55cu-ft/G.W.: 19.5kgs	
GP-501	900	18	3.2, 4.0, 4.8	1.50	300	0.11	1/4"	6.5	10pcs/1.50cu-ft/G.W.: 17.5kgs	
GP-843	880	14	2.4, 3.2, 4.0, 4.8	1.80	286	0.10	1/4"	6.5	10pcs/1.8cu-ft/G.W.: 21kgs	
GP-486T	1,800	19	4.8, 6.4	1.52	540	0.22	1/4"	6.5	5pcs/3.1cu-ft/G.W.: 21kgs	
GP-485L	1,200	14	2.4, 3.2, 4.0, 4.8, 6.4	1.25	245	0.11	1/4"	6.5	5pcs/2.4cu-ft/G.W.: 16.6kgs	
GP-484L	900	18	3.2, 4.0, 4.8	1.64	315	0.11	1/4"	6.5	5pcs/2.4cu-ft/G.W.: 16.6kgs	

Specifications										Recommended Air Pressure 90psi (6.3kg/cm ²)
Model	Traction Power (kg.f)	Stroke Length (mm)	Rivet Nut Dia. (mm)	N.W. (kg)	Height (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Packing	
GP-101V	1,063	14	2.4, 3.2, 4.0, 4.8, 6.0, 6.4	1.85	272	0.15	1/4"	6.5	6pcs/2.3cu-ft/G.W.: 15kgs	
GP-102V	1,045	16	2.4, 3.2, 4.0, 4.8	1.56	270	0.15	1/4"	6.5	6pcs/2.55cu-ft/G.W.: 12kgs	
GP-104V	1,045	16	2.4, 3.2, 4.0, 4.8	1.52	265	0.15	1/4"	6.5	6pcs/2.55cu-ft/G.W.: 12kgs	
GP-101SV	915	16	2.4, 3.2, 4.0, 4.8, 6.0, 6.4	1.35	243	0.15	1/4"	6.5	10pcs/2.55cu-ft/G.W.: 15.5kgs	
GP-102SV	695	16	2.4, 3.2, 4.0, 4.8	1.25	245	0.15	1/4"	6.5	6pcs/2.3cu-ft/G.W.: 15kgs	
GP-104SV	915	16	2.4, 3.2, 4.0, 4.8	1.20	245	0.15	1/4"	6.5	6pcs/2.3cu-ft/G.W.: 15kgs	
GP-843M	685	16	2.4, 3.2, 4.0, 4.8	1.50	286	0.10	1/4"	6.5	6pcs/2.55cu-ft/G.W.: 15.5kgs	

AIR HYDRAULIC RIVETER KITS



GP-102K/102SK/104K/104SK

GP-843K

GP-102K/102SK/104K/104SK		GP-843K	
1 Pc	Air Riveter (Please check Riveter for specifications)	1 Pc	Air Riveter (GP-843)
4 Pcs	Nose Piece	4 Pcs	Nose Piece
40 Pcs	Rivet	40 Pcs	Rivet
12 Pcs	Spare Parts	12 Pcs	Spare Parts
<i>Packing</i> 6 sets/1.65 cu-ft/G.W.: 18kgs		<i>Packing</i> 8 sets/2.63 cu-ft/G.W.: 25 kgs	

COMPOSITE AIR HYDRAULIC RIVETER



GP-240

GP-280A

GP-290A
GP-290B

Specifications										Recommended Air Pressure 90psi (6.3kg/cm2)	
Model	Traction Power (kg.f)	Riveting Capacity (mm)	Stroke Length (mm)	Rivet Nut Dia. (mm)	Net Weight (kgs)	Height (mm)	Air Cons. (m3/min)	Air Inlet (inch)	Hose Size (mm) I.D.	Packing	
GP-240	1,088	Ø 2.4 - 4.8	19.5	2.4, 3.2, 4.0, 4.8	1.87	301	0.11	1/4"	6.5	5pcs/2.5 cu-ft/G.W.: 15kgs	
GP-280A	1,677	Ø 4.8 - 6.4	15	4.8, 5.6, 6.4	1.95	306	0.11	1/4"	6.5	5pcs/2.5 cu-ft/G.W.: 16kgs	
GP-290A	1,723	Ø 4.8 - 6.4	25	4.8, 5.6, 6.4	1.90	330	0.11	1/4"	6.5	2pcs/1.6 cu-ft/G.W.: 7.0kgs	
GP-290B	2,040	Ø 4.8 - 7.8	25	4.8, 5.6, 6.4, 7.8	2.10	330	0.11	1/4"	6.5	2pcs/1.6 cu-ft/G.W.: 7.6kgs	

※ Riveting Capacity : for Standard Blind Rivet & Blind Rivet Magnalok/Monbolt/Orlock

AIR HYDRAULIC RIVETER FOR AIRCRAFT



◆ Aircraft Rivets
◆ Special Big Rivets
GP-101EX

◆ MONOBOLT
◆ T-Rivet
◆ MAGNA-Lok
GP-101TM

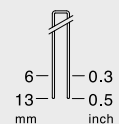
◆ LOCKBOLT (HUCK)
GP-101HU

Specifications										Recommended Air Pressure 90psi (6.3kg/cm2)		
Model	Traction Power (kg.f)	Stroke Length (mm)	Capacity(mm)		Rivet Nut Dia. (mm)	Net Weight (kgs)	Height (mm)	Air Cons. (ltr/cycle)	Air Inlet (inch)	Hose Size (mm) I.D.	Packing	
GP-101EX	1,860	23	8.0	6.4	4.8, 6.0, 6.4, 8.0	3.0	230	2.28	1/4"	6.5	6pcs/2.3 cu-ft/G.W.: 16kgs	
GP-101TM	1,860	23	8.0	6.4	4.8, 6.0, 6.4, 8.0	3.0	230	2.28	1/4"	6.5	6pcs/2.3 cu-ft/G.W.: 16kgs	
GP-101HU	1,860	23	6.4	6.4	3/16" or 1/4"	2.9	330	2.28	1/4"	6.5	6pcs/2.3 cu-ft/G.W.: 15kgs	

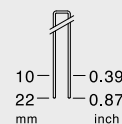
AIR STAPLER



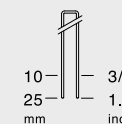
▶ Asia
GP-413J



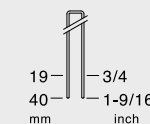
▶ Asia
GP-422J



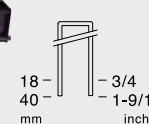
▶ USA, Asia, Europe
GP-90/25



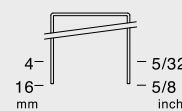
▶ USA, Asia, Europe
GP-90/40



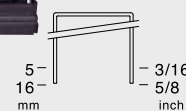
▶ Europe
GP-92/40



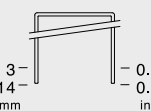
▶ USA, Europe
GP-71/16



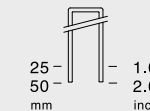
▶ USA, Europe
GP-14/16



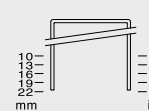
▶ Asia
GP-1014F



▶ USA, Asia, Europe
GP-N50



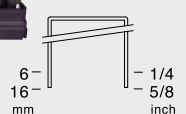
▶ Asia
GP-1022J



▶ Europe
GP-64/16



▶ Europe
GP-80/16



Specifications

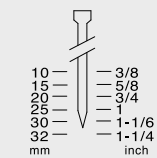
Recommended Air Pressure 60 ~ 90 psi

Model	Wire Dia (gauge)	Crown (mm)	Staple Size W.x T.x L.(mm)	N. W. (kg)	Tool Size L.x H.x W.(mm)	Load Capacity (pc)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-413J	20	5.2	1.20 x 0.60 x (6-13)	0.90	210 x 145 x 45	100	87	2.8	10pcs/0.9 cu-ft/G.W.: 12kgs
GP-422J	20	5.2	1.20 x 0.60 x (10-22)	1.10	250 x 170 x 55	100	97	12.6	10pcs/1.5 cu-ft/G.W.: 14.5kgs
GP-90/25	18	5.8	1.25 x 1.00 x (10-25)	1.20	250 x 174 x 55	100	97	12.6	10pcs/1.5 cu-ft/G.W.: 14.5kgs
GP-90/40	18	5.8	1.25 x 1.00 x (19-40)	2.07	360 x 270 x 77	170	102	3.4	5pcs/2.7 cu-ft/G.W.: 17.9kgs
GP-92/40	18	8.7	1.25 x 1.00 x (19-40)	2.07	360 x 270 x 77	170	102	3.4	5pcs/2.7 cu-ft/G.W.: 17.9kgs
GP-71/16	22	9.1	0.75 x 0.60 x (4-16)	0.90	225 x 145 x 45	200	87	2.8	10pcs/0.9 cu-ft/G.W.: 11kgs
GP-14/16	22	10.1	0.75 x 0.60 x (5-16)	0.90	225 x 145 x 45	200	87	2.8	10pcs/0.9 cu-ft/G.W.: 12kgs
GP-1014F	22	11.0	0.70 x 0.50 x (3-14)	0.90	210 x 145 x 45	100	87	2.8	10pcs/0.9 cu-ft/G.W.: 12kgs
GP-N50	16	11.1	1.60 x 1.40 x (25-50)	2.65	380 x 295 x 87	150	105	3.3	5pcs/2.7 cu-ft/G.W.: 17.9kgs
GP-1022J	20	11.2	1.20 x 0.60 x (10-22)	1.15	250 x 170 x 55	100	97	12.6	10pcs/1.5 cu-ft/G.W.: 14.5kgs
GP-64/16	22	12.5	0.75 x 0.55 x (6-16)	0.90	225 x 145 x 45	200	87	2.8	10pcs/0.9 cu-ft/G.W.: 16kgs
GP-80/16	21	12.9	0.95 x 0.65 x (6-16)	0.90	225 x 145 x 45	160	87	2.8	10pcs/0.9 cu-ft/G.W.: 12kgs

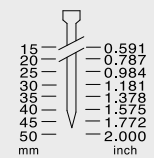
FINISH NAILER / PINNER



▶ USA, Asia, Europe
GP-F18/32



▶ USA, Europe
GP-F18/50



Specifications

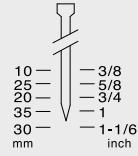
Recommended Air Pressure 60 ~ 90 psi

Model	Wire Dia (gauge)	Nail Size W.x T.x L.(mm)	N. W. (kg)	Tool Size L.x H.x W.(mm)	Load Capacity (pc)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-F18/32	18	1.25 x 1.00 x (10-32)	1.20	250 x 197 x 55	100	98	2.7	10pcs/1.5 cu-ft/G.W.: 14.5kgs
GP-F18/50	18	1.25 x 1.00 x (15-50)	1.45	250 x 235 x 55	100	95	1.8	10pcs/1.7 cu-ft/G.W.: 17kgs

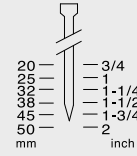
FINISH NAILER / PINNER



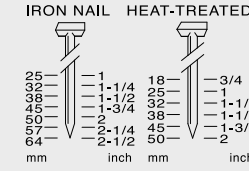
Asia
GP-F18/30



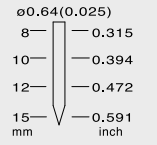
USA, Asia, Europe
GP-F16/50



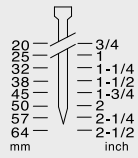
USA, Asia, Europe
GP-T64



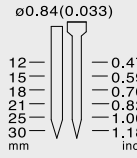
USA, Asia, Europe
GP-P0.6/15



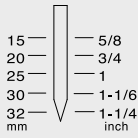
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GP-F16/64



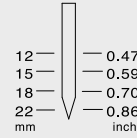
USA, Asia, Europe
GP-F0.8/30



USA, Asia, Europe
GP-P18/30



USA, Asia, Europe
GP-P0.6/22



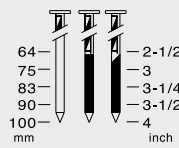
Specifications

Model	Wire Dia (gauge)	Nail Size W.x T.x L.(mm)	N. W. (kg)	Tool Size L.x H.x W.(mm)	Load Capacity (pc)	Sound Pressure (dBA)	Vibration (m/S ²)	Recommended Air Pressure 60 ~ 90 psi	
								Packing	
GP-F18/30	18	1.25 x 1.00 x (10-30)	1.10	250 x 180 x 55	100	98	2.7	10pcs/1.5 cu-ft/G.W.: 14.5kgs	
GP-F16/50	16	1.60 x 1.40 x (20-50)	2.18	310 x 270 x 77	100	102	3.4	5pcs/2.7 cu-ft/G.W.: 17.9kgs	
GP-F16/64	16	1.60 x 1.40 x (20-64)	2.20	320 x 260 x 80	100	102	3.4	10pcs/2.7 cu-ft/G.W.: 17.9kgs	
GP-T64	14	2.20 x 2.20 x (18-64)	3.40	370 x 330 x 105	80	100	7.9	5pcs/2.7 cu-ft/G.W.: 17.9kgs	
GP-P0.6/15	23	0.64 x 0.64 x (8-15)	0.90	215 x 152 x 45	200	88	1.6	10pcs/0.9 cu-ft/G.W.: 12kgs	
GP-F0.8/30	21	0.84 x 0.84 x (12-30)	1.05	230 x 160 x 45	140	88	1.6	10pcs/1.5 cu-ft/G.W.: 14.5kgs	
GP-P18/30	18	1.25 x 1.00 x (15-32)	1.20	250 x 197 x 55	100	98	2.7	10pcs/1.5 cu-ft/G.W.: 14.5kgs	
GP-P0.6/22	23	0.64 x 0.64 x (12-22)	1.00	225 x 152 x 45	200	96	11	10pcs/0.9 cu-ft/G.W.: 12kgs	

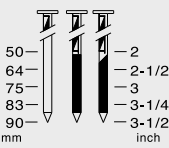
INDUSTRIAL NAILER / FASTENER



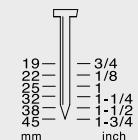
USA, Asia, Europe
GP-S100A



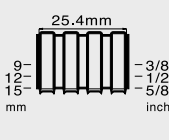
USA, Asia, Europe
GP-S90B



USA, Europe
Coil Roofing Nailer
GP-R45



USA, Asia, Europe
Corrugated Fastener
GP-CF155



Specifications

Model	Angle	Collated	Shank Type	Head	N.W. (kg)	Tool Size L.x H.x W.(mm)	Load Capacity (pc)	Sound Pressure (dBA)	Vibration (m/S ²)	Recommended Air Pressure 60 ~ 90 psi	
										Packing	
GP-S100A	22°	Plastic	Smooth Screw Ring	Round	5.00	580 x 385 x 150	56 - 70	110	4.9	2pcs/4.2 cu-ft/G.W.: 15.8kgs	
GP-S90B	28°	Paper Wire	Smooth Screw Ring	Clipped	3.90	478 x 350 x 127	75 - 105	102	4.6	3pcs/3.3 cu-ft/G.W.: 17.1kgs	

Model	Nail Size	N.W. (kg)	Tool Size L.x H.x W.(mm)	Load Capacity (pc)	Sound Pressure (dBA)	Vibration (m/S ²)	Packing
GP-R45	Wire Dia. (Gauge) 11 Head x Shank x Length 10 x 3.1 x (19-45)mm	2.65	300 x 255 x 110	120	103	2.8	5pcs/2.7 cu-ft/G.W.: 17.9kgs
GP-CF155	Crown x Thickness x Length 25.4 x 2.2 x (9-15)mm	2.60	300 x 270 x 87	80	99	3.4	5pcs/2.7 cu-ft/G.W.: 17.9kgs

AIR KNIFE & BLADE



Specifications							Recommended Air Pressure 90psi (6.3kg/cm ²)			
Model	Oscillation (Per min)	N. W. (kg)	Head Height (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/s ²)	Packing	
GP-931	20,000	1.00	70	0.25	1/4"	6.5	82	3.76	10pcs/1.4 cu-ft/G.W.: 15kgs	



AIR BODY SAW & FILE



Specifications											Recommended Air Pressure 90psi (6.3kg/cm ²)	
Model	Type	Capacity (mm)	Stroke Speed (bpm)	Piston Stroke (mm)	N. W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
GP-848B	Saw	1.6	9,000	10	0.60	276	0.25	1/4"	6.5	87	15.0	20pcs/0.75 cu-ft/G.W.: 14kgs
GP-848F1	Saw & File	1.2	5,000	10	1.10	230	0.23	1/4"	6.5	80	16.5	10pcs/1.4 cu-ft/G.W.: 14kgs
GP-848F2	Saw	1.2	10,000	10	1.00	230	0.23	1/4"	6.5	82	26.1	10pcs/1.4 cu-ft/G.W.: 8.5kgs
GP-848T	Saw & File	1.6	9,000	10	0.91	216	0.23	1/4"	6.5	100	70.0	10pcs/1.4 cu-ft/G.W.: 12.5kgs
GP-948A	File	--	21,000	1	0.57	202	0.12	1/4"	9.5	68	<2.5	20pcs/1.85cu-ft/G.W.: 16kgs
GP-948B	File	--	12,000	5	0.70	204	0.08	1/4"	9.5	68	<3.0	20pcs/1.85cu-ft/G.W.: 17kgs
GP-948C	File	--	9,000	10	0.75	198	0.11	1/4"	9.5	68	<4.0	20pcs/1.85cu-ft/G.W.: 20kgs
GP-948	File	--	3,700	10	1.00	174	0.24	1/4"	6.5	90	4.50	20pcs/1.6 cu-ft/G.W.: 20kgs

GP-848TK			
1 Pc	GP-848T without Hose	3 Pcs	Diamond File-round, rectangular & triangular
30 Pcs	Saw Blade 10 x 32T (for light gauge metal) 10 x 24T (for steel up to 2mm) 10 x 18T (for Alu., plastic, wood, etc.)	1 Pc	Hex Key Wrench
		1 Pc	Universal Swivel Joint
5 Pcs	Regular File- round, half round, rectangular, square and triangular		
		Packing	10 sets/1.7 cu-ft/G.W.: 17.5 kgs

AIR NIPPER



Specifications BODY

Recommended Air Pressure 90p (6.3kg/cm²)

Model	Size (mm)	Weight (g)	Standard Blade		Air Cons. (cm ³ /time)	Air Inlet (inch)	Hose Size (mm)	Packing
			Wire	Plastic				
GP-005A	200 x 126	81	S20	*	35	1/4"	5.0	28pcs/0.6 cu-ft/G.W.: 5.83kgs
GP-005	300 x 120	134	S2	*	64	1/4"	5.0	28pcs/0.6 cu-ft/G.W.: 6.95kgs
GP-010	360 x 136	189	S4	*	116	1/4"	6.5	28pcs/0.6 cu-ft/G.W.: 9.89kgs
GP-020	450 x 170	344	S5	FD-6	230	1/4"	6.5	35pcs/1.9 cu-ft/G.W.: 21.8kgs
GP-030	560 x 207	565	S8P	FD-8P	584	1/4"	8.0	35pcs/1.9 cu-ft/G.W.: 36kgs
GP-040	560 x 300	897	S8P	FD-8P	956	1/4"	8.0	20pcs/1.7 cu-ft/G.W.: 25kgs

Blade Type	Capacity (mm)		Applied Model
	Copper Wire	Iron Wire	
S20	0.8	0.5	GP-005A
S2	1.0	0.5	GP-005
S4	1.6	1.0	GP-010
S5	2.6	2.0	GP-020
S8P	3.3	2.8	GP-030
	Stainless Steel Wire 2.0 Piano Wire 1.2		
S8P	4.8	4.0	GP-040
	Stainless Steel Wire 2.8		
FD-6	5.0 Soft Plastic	4.0 Hard Plastic	GP-020
FD-8P	10.0 Soft Plastic	6.5 Hard Plastic	GP-030
	13.0 Soft Plastic	6.5 Hard Plastic	GP-040

For Non-Insulated Terminal

Blade Type	Capacity (mm)	Applied Model
A5P	1.25 sg	GP-020
A7P	1.25 sg, 2.0 sg, 5.5 sg	GP-030
A7WP-2	1.25-2.0 sg, 2.0-5.5 sg	GP-040
A7WP-3	1.25-2.0-5.5 sg	GP-040
A7P	8.0 sg	GP-040

For Insulated Terminal

Blade Type	Capacity (mm)	Applied Model
AR7P	1.25 sg, 2.0 sg, 5.5 sg	GP-030
AR7WP	1.25-2.0 sg, 2.0-5.5 sg	GP-040
AR7P	8.0 sg	GP-040

AIR CAULKING GUN



Recommended Air Pressure 30~90 psi (2.1-6.3kg/cm²)

Max. Air Pressure Resistable 150 psi
For 9 oz Air Caulking Gun.

Model	Capacity Available (oz)		Specification	N.W. (kg)	Length (mm)	Packing
	Cartridge	Sachet				
GP-853	9		• Steel Tube • No dropping	1.15	310	10pcs/1.34 cu-ft/G.W.: 14kgs
GP-853A	9,11,13		• w/Air Regulator	0.75	315	10pcs/1.34 cu-ft/G.W.: 9kgs
GP-853AS		9,11,13,15	• w/Air Regulator • Pull Line	0.80	315	10pcs/2.3 cu-ft/G.W.: 10kgs
GP-853BL	9,11,13	9,11,13,15	• w/Air Regulator • Pull Line	0.95	315	10pcs/2.3 cu-ft/G.W.: 12kgs
GP-853B	9,11,13	9,11,13,15	• w/Air Regulator • Push Rod	0.95	315	10pcs/2.3 cu-ft/G.W.: 12kgs
GP-853F	29		• For Construction	1.70	440	10pcs/2.7 cu-ft/G.W.: 18kgs
GP-853HS		9,11,13,15	• Light in weight • Pull Line	0.90	380	10pcs/2.3 cu-ft/G.W.: 10kgs
GP-853H	9,11,13		• Light in weight	0.80	380	10pcs/2.3 cu-ft/G.W.: 9kgs
GP-853M	9,11,13	9,11,13,15	• w/ Air Regulator • Push Rod	1.20	380	10pcs/2.3 cu-ft/G.W.: 13kgs
GP-853MCL	9,11,13	9,11,13,15	• w/ Air Regulator & Auto Air Exhaust • Pull Line	0.9	380	10pcs/2.4 cu-ft/G.W.: 13kgs
GP-853D	9,11,13	9,11,13,15	• w/Spray Nozzle, Fluid Valve & Air Regulator • For Polyurethane and Silicone • Push Rod	1.20	375	10pcs/2.4 cu-ft/G.W.: 13kgs
GP-853DC	9,11,13	9,11,13,15	• w/Spray Nozzle, Fluid Valve & Auto Air Exhaust • For Polyurethane and Silicone • Pull Line	1.20	375	10pcs/2.4 cu-ft/G.W.: 13kgs
GP-853MSC	9,11,13,15		• w/Fluid Nozzle & Auto Air Exhaust • For Carpenter & Construction, Galass	1.20	370	10pcs/2.4 cu-ft/G.W.: 13kgs

AIR CUTTER



Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Disc Size (mm)	Max Speed (rpm)	N. W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
GP-847N	75	20,000	0.92	190	0.22	1/4"	6.5	86	3.0	20pcs/1.0 cu-ft/G.W.: 20kgs
GP-847SN	75	21,000	1.00	193	0.21	1/4"	9.5	85	< 2.5	12pcs/1.5 cu-ft/G.W.: 13kgs
GP-847SNR	75	18,000	1.00	220	0.21	1/4"	9.5	85	< 2.5	12pcs/1.5 cu-ft/G.W.: 13kgs
GP-847T	75	20,000	0.95	200	0.19	1/4"	9.5	87	< 2.5	20pcs/1.54 cu-ft/G.W.: 21.8kgs

AIR BUSH SHEAR



Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Cutting Capacity (mm)	Air Cons. (liter/per triggering)	Air Inlet (inch)	Hose Size (mm)	N. W. (kg)	Packing
GP-109	20	0.1	1/4"	6.5	0.56	20pcs/1.8 cu-ft/G.W.: 16kgs
GP-109ST	25	0.073	1/4"	6.5	0.70	10pcs/1 cu-ft/G.W.: 9kgs
GP-109STE	25	0.073	1/4"	6.5	1.90	4pcs/3.4 cu-ft/G.W.: 12.5kgs

AIR RIVETING NUT TOOL



Specifications

Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Optional Pulling Nut (mm)	Mechanism	Free Speed (rpm)	N. W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Packing
GP-836LC	3,4,5,6,8	Clutch	2,500	1.30	230	0.20	1/4"	10sets/0.9 cu-ft/G.W.: 17kgs
GP-836LC1	3,4,5,6,3/16", 1/4"	Gear	600	1.20	200	0.20	1/4"	10pcs/1.7 cu-ft/G.W.: 17kgs
GP-836LC2	5,6,8,10,1/4", 5/16", 3/8", 5/32"	Gear	450	1.80	210	0.23	1/4"	10pcs/1.7 cu-ft/G.W.: 21kgs
GP-836LC3	10,12,7/16"	Gear	100	1.92	228	0.23	1/4"	10pcs/1.7 cu-ft/G.W.: 23kgs

For Aluminum & Steel Nut

SPECIALISTIC TOOL



GP-970 SPOT SAND BLASTER KIT		GP-850N PISTOL GREASE GUN		GP-405 AIR VACUUM AND BLOW KIT		GP-405B WONDER GUN KIT	
N.W.	0.90kg	Capacity:	400cc	1 Pc	Aluminum Gun, PVC Hose, Dust Bag	1 Pc	Aluminum Gun, PVC Hose, Dust Bag
Length	215mm	Acute-Angle design	reduces load distance and concentrates center of gravity, allows wide-angle operation in narrow space.	3 Pcs	Function Tub	3 Pcs	Function Tub
Air Cons.	0.24m ³ /min	PortableGrip and Container.		2 Pcs	Clamp	2 Pcs	Clamp
Air Inlet	1/4"	Air vent valve allows to trap air vacate while filling grease.		Air Cons.	0.38m ³ /min	Air Cons.	0.35m ³ /min
Hose Size	6.5mm	Filler plug used for lubrication.		Air Inlet	1/4"	Air Inlet	1/4"
Sound Pressure	95dBA			Hose Size	6.5mm	Hose Size	6.5mm
				Net weight	0.40kg	Net weight	0.40kg
Packing	10 sets/2.4 cu-ft/G.W.: 12kgs	Packing:	10 sets/1.53 cu-ft/G.W.: 16kgs	Packing	10 sets/2.0 cu-ft/G.W.: 10kgs	Packing	1 set/color box, 20 sets/4.0 cu-ft/G.W.: 17kgs

AIR METAL SHEAR



GP-838C

GP-838STP



GP-838ST

GP-838T

AIR SCISSORS



GP-839ST

GP-839STP

AIR ENGRAVING PEN



◆ Housing: Steel
GP-940

◆ Housing: Plastic
GP-940C

AIR SPOT DRILL



GP-921P

GP-921C

GP-921W

Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity(mm)		Max Speed (rpm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
	Steel	Aluminum									
GP-838C	1.2	1.6	2,100	1.33	215	0.18	1/4"	6.5	85	4.0	10pcs/0.9 cu-ft/G.W.: 13.9kgs
GP-838STP	1.2	1.6	2,600	1.00	277	0.18	1/4"	6.5	82	< 2.5	12pcs/1.0 cu-ft/G.W.: 16kgs
GP-838ST	1.2	1.6	2,600	1.00	240	0.18	1/4"	6.5	82	< 2.5	12pcs/1.1 cu-ft/G.W.: 16kgs
GP-838T	1.2	1.5	2,000	1.14	257	0.08	1/4"	6.5	82	3.9	20pcs/1.16 cu-ft/G.W.: 24.2kgs

Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity(mm)		Max Speed (rpm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
	Steel	Aluminum									
GP-839ST	1.2	1.6	2,600	1.00	290	0.18	1/4"	6.5	82	< 2.5	12pcs/1.1 cu-ft/G.W.: 16kgs
GP-839STP	1.2	1.6	2,600	1.00	277	0.18	1/4"	6.5	82	< 2.5	12pcs/1.1 cu-ft/G.W.: 16kgs

Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Stroke Length (mm)	Stroke Speed (bpm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
GP-940C	1.0	34,000	0.18	140	0.06	1/4"	6.5	78	2.7	30pcs/1.6 cu-ft/G.W.: 10kgs

Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity (mm)	Max Speed (rpm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
GP-921W	8	1,200	1.60	290	0.30	1/4"	6.5	95	< 2.5	10pcs/0.73 cu-ft/G.W.: 18.7kgs
GP-921C	8	500	1.52	260	0.30	1/4"	6.5	90	< 2.5	10pcs/1.0 cu-ft/G.W.: 15kgs

AIR TIRE BUFFER



Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Wheel Size (mm)	Max Speed (rpm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
GP-824TB	65	2,500	0.89	205	0.22	1/4"	6.5	95	< 2.5	10pcs/1.3 cu-ft/G.W.: 12kgs
GP-824TC	--	20,000	0.91	234	0.08	1/4"	6.5	88	< 2.5	20pcs/0.93 cu-ft/G.W.: 18kgs
GP-824TD	--	3,500	1.04	243	0.08	1/4"	6.5	87	< 2.5	20pcs/0.93 cu-ft/G.W.: 29.4kgs
GP-824TBS	--	3,500	1.69	363	0.09	1/4"	6.5	83	< 2.5	10pcs/0.9 cu-ft/G.W.: 22.7kgs

AIR PUNCH & FLANGE TOOL



Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity(mm)		Punch Dia. (mm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Packing
	Steel	Aluminum								
GP-842	1.2	2.0	4.8	1.30	250	0.20	1/4"	6.5	85	10pcs/0.95 cu-ft/G.W.: 16.5kgs
GP-842P	1.2	2.0	4.8	1.25	222	0.20	1/4"	6.5	85	10pcs/0.8 cu-ft/G.W.: 16kgs

AIR SMART ERASER



Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Wheel Size (mm)	Max Speed (rpm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
GP-824SE	90	2,500	1.00	222	0.20	1/4"	6.5	98	< 2.5	20pcs/1.0 cu-ft/G.W.: 23kgs
GP-824SF	90	3,600	0.84	225	0.08	1/4"	6.5	84	< 2.5	12pcs/1.1 cu-ft/G.W.: 14kgs
GP-824G	88	2,000	0.89	218	0.08	1/4"	6.5	85	< 2.5	20pcs/1.16 cu-ft/G.W.: 23.3kgs

AIR NIBBLER



Specifications Recommended Air Pressure 90psi (6.3kg/cm²)

Model	Capacity(mm)		Max Speed (rpm)	N.W. (kg)	Length (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Sound Pressure (dBA)	Vibration (m/s ²)	Packing
	Steel	Aluminum									
GP-838STN	1.2	1.6	2,600	0.98	188	0.08	1/4"	9.5	86	< 2.5	12pcs/0.8 cu-ft/G.W.: 14kgs

AIR SPRAY GUN



GYD-102

GYD-102A

GYD-71G

GYD-77G

GYD-411

GYD-411A

GYD-413



GYD-71

GYD-77

GYD-410

Specifications

Recommended Air Pressure 60 ~ 90 psi

Model	Type	Fluid Tip (mm) I.D.	Cup Capacity (liter)	Optional Nozzle (mm)	N.W. (kgs)	Height (mm)	Air Cons. (m ³ /min)	Air Inlet (inch)	Hose Size (mm)I.D	Fluid Inlet (inch)	Packing
GYD-102	Suction	1.6	1.00	1.0, 1.5, 1.8, 2.0	1.10	290	0.28	1/4"	6.5	3/8	10pcs/2.6 cu-ft/G.W.: 15.2kgs
GYD-102A	Suction	1.6	1.00	1.0, 1.5, 1.8, 2.0	1.10	290	0.28	1/4"	6.5	3/8	10pcs/2.6 cu-ft/G.W.: 15.2kgs
GYD-71	Suction	1.5	0.70	1.3	0.75	250	0.32	1/4"	6.5	1/4	10pcs/1.6 cu-ft/G.W.: 13kgs
GYD-77	Suction	2.0	1.00	1.5, 2.5	0.95	290	0.34	1/4"	6.5	3/8	10pcs/1.7 cu-ft/G.W.: 13kgs
GYD-410	Suction	1.6	1.00	1.0, 1.4, 1.8	1.10	310	0.36	1/4"	6.5	3/8	10pcs/2.5 cu-ft/G.W.: 15.2kgs
GYD-71G	Gravity	1.5	0.4	1.3	0.75	270	0.32	1/4"	6.5	1/4	20pcs/2.0 cu-ft/G.W.: 18kgs
GYD-77G	Suction	2.0	0.4	1.5, 2.5	0.70	290	0.30	1/4"	6.5	3/8	20pcs/1.7 cu-ft/G.W.: 18kgs
GYD-411	Gravity	1.4	0.60	1.0, 1.6, 1.8	0.80	380	0.30	1/4"	6.5	3/8	20pcs/3.5 cu-ft/G.W.: 18kgs
GYD-411A	Gravity	1.4	0.60	1.0, 1.6, 1.8	0.85	380	0.30	1/4"	6.5	3/8	20pcs/3.5 cu-ft/G.W.: 13kgs
GYD-413	Suction	1.0	0.30	1.8	0.46	240	0.22	1/4"	6.5	1/4	20pcs/3.0 cu-ft/G.W.: 16kgs

PREPARATION UNIT-F.R.L.



GP-815H
GP-816H
GP-817H

GP-818H
GP-819H

GP-815H1
GP-816H1
GP-817H1

GP-814S
GP-815S

※ Features:

- Filter element: 20μ
- Adj. pressure range:0.5~8.5kgf/cm²
- Max. service pressure:9.9kgf/cm²

- Operating temp. range:5~60°C
- Drain capacity: 80ml
- Oil capacity: 125ml
- Recommend lubricant:ISO VG-32

Specifications

Model	Port Size (inch) pt / npt	Max Flow (m ³ /min)	Construction unit			Packing
			Filter	Regulator	Lubricator	
GP-815H	1/4"	1.75	GP-815HA	GP-815HB	GP-815HC	10pcs/2.2 cu-ft/G.W.: 22kgs
GP-816H	3/8"	2.50	GP-816HA	GP-816HB	GP-816HC	10pcs/2.2 cu-ft/G.W.: 22kgs
GP-817H	1/2"	3.00	GP-817HA	GP-817HB	GP-817HC	10pcs/2.2 cu-ft/G.W.: 22kgs
GP-818H	3/4"	4.60	GP-818HA	GP-818HB	GP-818HC	6pcs/2.48 cu-ft/G.W.: 27kgs
GP-819H	1"	5.20	GP-819HA	GP-819HB	GP-819HC	6pcs/2.48 cu-ft/G.W.: 27kgs
GP-815H1	1/4"	1.75	GP-815HAB		GP-815HC	12pcs/1.7 cu-ft/G.W.: 20kgs
GP-816H1	3/8"	2.50	GP-816HAB		GP-816HC	12pcs/1.7 cu-ft/G.W.: 20kgs
GP-817H1	1/2"	3.00	GP-817HAB		GP-817HC	12pcs/1.7 cu-ft/G.W.: 20kgs
GP-814S	1/8"	1.00	GP-814SAB		GP-814SC	30pcs/1.3 cu-ft/G.W.: 20kgs
GP-815S	1/4"	1.10	GP-815SAB		GP-815SC	30pcs/1.3 cu-ft/G.W.: 20kgs

AIR BLOW GUN



BH-4L (4") BH-10L (10") BH-13L (13") BH-20L (20")

BH-4L/10L/13L/20L

Material:
P.O.M with brass inlet

※ Durable under frequent working.

Packing:
60 sets/1.6 cu.ft/G: 11 kgs



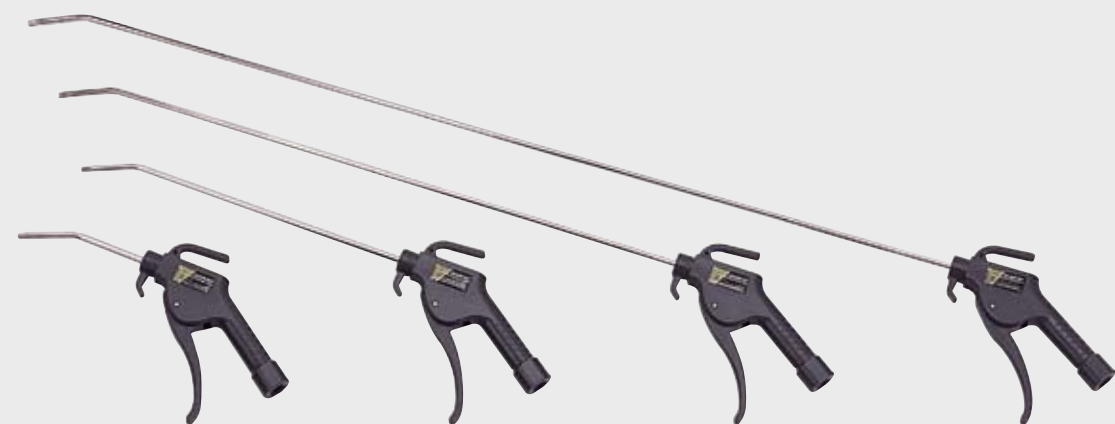
BG-4N (4") BG-10N (10") BG-13N (13") BG-20N (20")

BG-4N/10N/13N/20N

Material:
Nylon fiber M with brass inlet.

※ Durable under high pressure working.

Packing:
60 sets/1.6 cu.ft/G: 11 kgs



BC-4B (4") BC-10B (10") BC-20B (20") BC-30B (30")

BC-4B/10B/20B/30B

Material:
P.O.M with plastic inlet.

※ Durable under frequent working.

Packing:
60 sets/1.6 cu.ft/G: 11 kgs



BH-4L-R (4") BH-4L-3 (4") BH-4S (4") BH-4S-1 (4")

BH-4L-R	BH-4L-3	BH-4S	BH-4S-1
Function: Air flow adjustable.	Function: Blower Anti dust recoil Tire inflator.		
Packing: 60 sets/2.1 cu.ft/G: 13kgs	Packing: 60 sets/2.0 cu.ft/G: 15kgs	Packing: 60 sets/2.0 cu.ft/G: 13kgs	Packing: 60 sets/1.6 cu.ft/G: 12kgs

※ Specification:

- Working pressure: 90-120psi(6.2-8kgs)
- Sound pressure: 85-90dBA
- Air consumption(90psi): 1/4" hose-0.28m³/min
3/8" hose-0.34m³/min
- Air inlet thread: SAE Size: 1/4" NPT
Metric Size: 1/4" PT
- Minimum Q'ty Required:
 - One carton (60pcs) per item per shipment.
 - 2,000pcs per color per shipment (in other color)

※ Applications

- It is suitable for removing and cleaning any kind of chip or foreign material on workpiece.
- It would be a convenient tool for those fields: machinery workshop, wood working decor, and household.



GAS-6A 24" Extendable & Angle Swivel Air Blow Gun	GAS-6 Air Blow Gun	BH-6LE Extend & Angle Swivel Air Blow Gun	BH-4LW Siphone Nozzle & Extensible Air Blow Gun
Adjustable Length: 12-1/2"-24"(320mm-610mm)		Adjustable Length: 6 - 1/2" ~ 11"	Function: Siphone nozzle & extensible.
		Function: Extend & angle swivel.	
Packing: 72 sets/2.5 cu.ft/G: 22kgs	Packing: 100 pcs/ 1.5 cu-ft/ G.W.: 18kgs	Packing: 60 sets/2.8 cu.ft/G: 15.5kgs	Packing: 24 sets/3.3 cu.ft/G: 16kgs

AIR COUPLER



PLUG Type



NITTO Type for Asian Market	ORION Type for European Market	MILTON Type for American Market
Please specify Type: N= Asian Type, O= European Type, M= American Type		

PLUG



Code	Type	Size	Code	Type	Size	Code	Type	Size	Code	Type	Size
QPT- 20PM	N/O/M	1/4"	QPT- 20PF	N/O/M	1/4"	QPT- 20PP	N/O	1/4"	QPT- 20PH	N/O/M	1/4"
QPT- 30PM	N/O/M	3/8"	QPT- 30PF	N/O/M	3/8"	QPT- 30PP	N/O	3/8"	QPT- 25PH	O/M	5/16"
QPT- 40PM	N/O	1/2"	QPT- 40PF	N/O	1/2"	QPT- 40PP	N/O	1/2"	QPT- 30PH	N/O/M	3/8"
									QPT- 40PH	N/O/M	1/2"

Multi-pass Coupler & Base



Code	Type	Size	Code	Type	Size
SMV-20SM	N/U	1/4" 2 Pass	SMY-20SM	N/U	1/4" 3 Pass
SMV-30SM	N/U	3/8" 2 Pass	SMY-30SM	N/U	3/8" 3 Pass

Type N = NITTO U = UNIVERSAL

Nitto Type Socket



Code	Size	Code	Size	Code	Size	Code	Size
QPT- 20SMN	1/4"	QPT- 20SFN	1/4"	QPT- 20SPN	1/4"	QPT- 25SHN	5/16"
QPT- 30SMN	3/8"	QPT- 30SFN	3/8"	QPT- 30SPN	3/8"	QPT- 30SHN	3/8"
QPT- 40SMN	1/2"	QPT- 40SFN	1/2"	QPT- 40SPN	1/2"	QPT- 40SHN	1/2"

Nitto Type One Touch Socket



Code	Size	Code	Size	Code	Size	Code	Size
QPH- 20SMN	1/4"	QPH- 20SFN	1/4"	QPH- 20SPN	1/4"	QPH- 25SHN	5/16"
QPH- 30SMN	3/8"	QPH- 30SFN	3/8"	QPH- 30SPN	3/8"	QPH- 30SHN	3/8"
QPH- 40SMN	1/2"	QPH- 40SFN	1/2"	QPH- 40SPN	1/2"	QPH- 40SHN	1/2"

UNIVERSAL One Touch Socket for Orion, Milton & Aro Plug, 3-in-1



Code	Size	Code	Size	Code	Size
QPU- 20SM	1/4"	QPU- 20SF	1/4"	QPU- 20SH	1/4"
QPU- 30SM	3/8"	QPU- 30SF	3/8"	QPU- 25SH	5/16"
QPU- 40SM	1/2"	QPU- 40SF	1/2"	QPU- 30SH	3/8"
				QPU- 40SH	1/2"

SWIVEL COUPLER-JOINT

Swivel Joint



Code	Type	Size	Code	Type	Size	Code	Type	Size
SPJ-20MM	PT/NPT	1/4"	SPJ-20FF	PT/NPT	1/4"	SPJ-20MF	PT/NPT	1/4"
SPJ-30MM	PT/NPT	3/8"	SPJ-30FF	PT/NPT	3/8"	SPJ-30MF	PT/NPT	3/8"
SPJ-40MM	PT/NPT	1/2"	SPJ-40FF	PT/NPT	1/2"	SPJ-40MF	PT/NPT	1/2"

Double Swivel Joint



Code	Type	Size	Code	Type	Size	Code	Type	Size
SPD-20MM	PT/NPT	1/4"	SPD-20FF	PT/NPT	1/4"	SPD-20MF	PT/NPT	1/4"
SPD-30MM	PT/NPT	3/8"	SPD-30FF	PT/NPT	3/8"	SPD-30MF	PT/NPT	3/8"
SPD-40MM	PT/NPT	1/2"	SPD-40FF	PT/NPT	1/2"	SPD-40MF	PT/NPT	1/2"

Universal Joint



Code	Type	Size	Code	Type	Size
UPJ-22A	1/4" pt/npt m + 1/4" pf f, Aluminum		UPJ-22B	1/4" pt/npt m + 1/4" pf f, Aluminum	
UPJ-32A	3/8" pt/npt m + 1/4" pf f, Aluminum				
UPJ-33A	3/8" pt/npt m + 3/8" pf f, Aluminum				
UPJ-33S	3/8" pt/npt m + 3/8" pf f, Steel				

SWIVEL COUPLER-PLUG

EURO Type



SPE-20PM	1/4" pt male	SPE-20PF	1/4" pt female	SPE-20PP	1/4" 5x8mm PU hose fitting	SPE-25PH	5/16" hose barb
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ARO Type



SPA-20PM	1/4" npt male	SPA-20PF	1/4" npt female
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MILTON Type



SPM-20PM	1/4" pt/npt male	SPM-20PF	1/4" npt female	SPM-20PP	1/4" 5x8mm PU hose fitting	SPM-30PH	3/8" hose barb
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NITTO Type






SPN-20PM	1/4" pt male	SPN-20PF	1/4" pt female	SPN-20PP	1/4" 5x8mm PU hose fitting	SPN-30PH	3/8" hose barb
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AIR REGULATOR/OILER

		
RPT-014	GAS-7	GAS-19H
Air Regulator <i>Mini. Order: 100 pcs/per order</i>	Air Regulator with Gauge <i>Packing: 100 pcs/ 2.3 cu-ft/ G.W.: 15.5kgs</i>	1/4" Air Regulator with Gauge <i>Packing: 60 pcs/ 1 cu-ft/ G.W.: 24kgs</i>




		
◆ Brass GAS-11	◆ Iron GAS-11A	GAS-20
Mini Oiler <i>Packing: 100 pcs/ 1.2 cu-ft/ G.W.: 14kgs</i>	Mini Oiler <i>Packing: 120 pcs/ 1.2 cu-ft/ G.W.: 14kgs</i>	Oil & Water Separator <i>Packing: 100 pcs/ 2.3 cu-ft/ G.W.: 14kgs</i>

INFLATOR/GAUGE

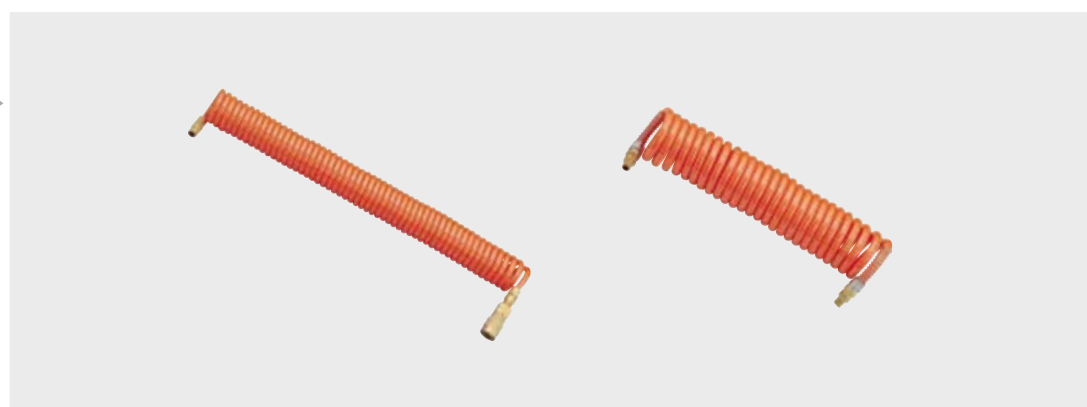
		
GAS-1	GAS-1A	GAS-1A-1
Inflator and Gauge Kit <i>Packing: 20 pcs/2.1 cu-ft/G.W.: 9.5kgs</i>	3-function Tire Pressure Gauge 30 cm Hose <i>Packing : 12 pcs/1.28 cu-ft/G.W.: 8 kgs</i>	3-function Tire Pressure Gauge 85 cm Hose <i>Packing : 12 pcs/1.28 cu-ft/G.W.: 10 kgs</i>

	
GAS-1B	GAS-1C
3-function Tire Pressure Gauge 30 cm Hose <i>Packing : 36 pcs/2.73 cu-ft/G.W.: 16 kgs</i>	3-function Tire Pressure Gauge 85 cm Hose <i>Packing : 12pcs/2.19cu-ft/G.W.: 12kgs</i>

CHUCK

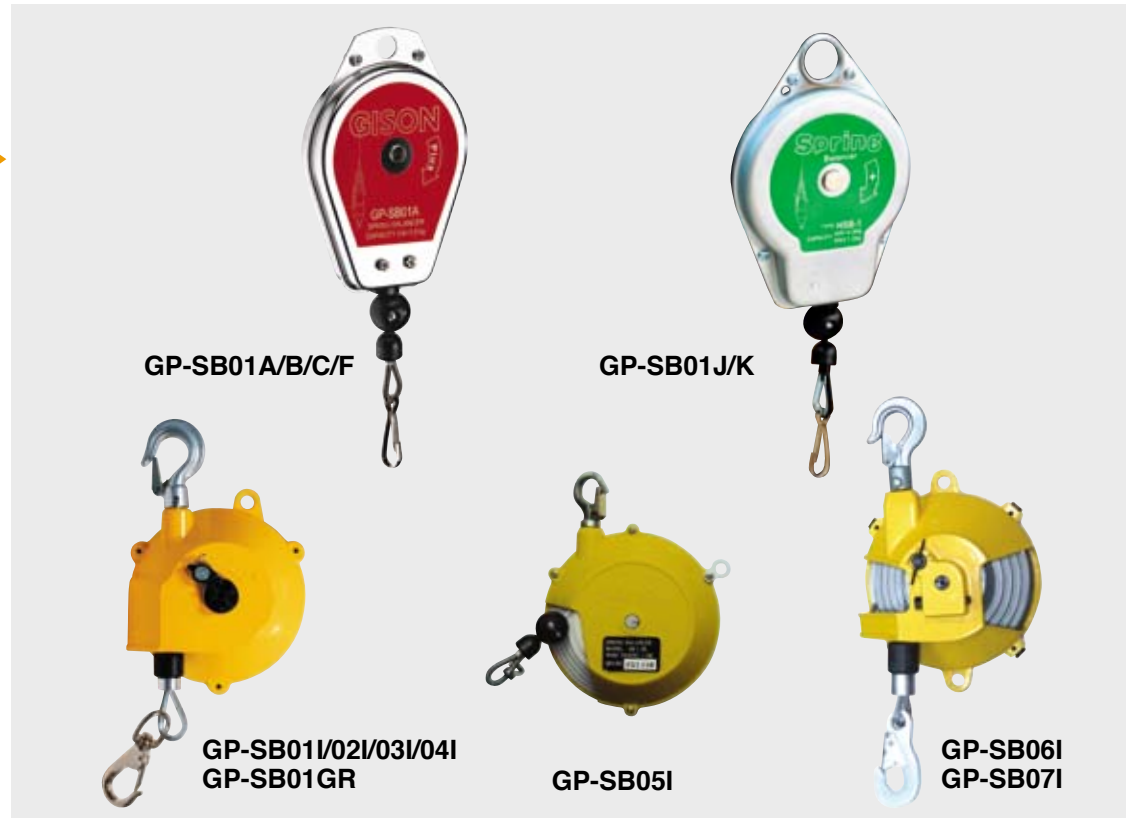
		
GAS-12	GAS-16	GAS-16E
Air Chuck (Soid Brass) <i>Packing: 200 pcs/ 1.6 cu-ft/ G.W.: 11kgs</i>	6" Dual Tire Chuck <i>Packing: 100 pcs/ 1.6 cu-ft/ G.W.: 11kgs</i>	12" Dual Chuck <i>Packing :100pcs/1.28cu-ft/G.W.: 18kgs</i>

PU RECOIL HOSE



Specifications				W/2 pcs Male Coupler	
Model	Size (mm)	Model	Size (mm)	Model	Size (mm)
PUH-0806	5 x 8 x 6M	PUH-9506	6.5 x 9.5 x 6M	PUH-1206	8 x 12 x 6M
PUH-08075	5 x 8 x 7.5M	PUH-95075	6.5 x 9.5 x 7.5M	PUH-12075	8 x 12 x 7.5M
PUH-0809	5 x 8 x 9M	PUH-9509	6.5 x 9.5 x 9M	PUH-1209	8 x 12 x 9M
PUH-0815	5 x 8 x 15M	PUH-9515	6.5 x 9.5 x 15M	PUH-1215	8 x 12 x 15M

SPRING BALANCER



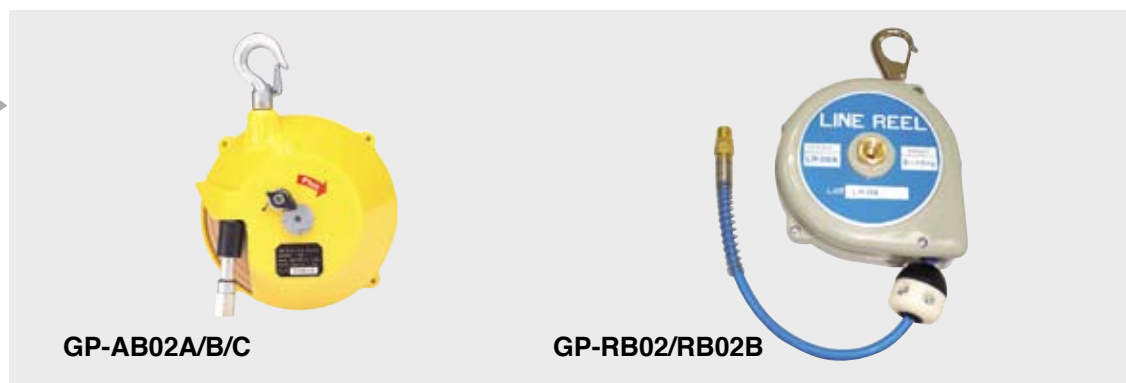
※ Convenient force adjustment by rotary adjustment cap.

- ※ Features
- Keeps working bench in good order.
 - Increases working efficiency.
 - Helps operator feel less tired and increase safety.

- ※ Special design.
- ※ Increasing screw diameter is balanced by increasing spring force so that the output force is balanced and the tool stops at wherever it is pulled.

Specifications					
Model No.	Capacity (kg)	Travel (M)	Wire Dia. (mm)	Net Weight (kgs)	Packing
GP-SB01A	0.6 - 1.5	1.6	2.5	0.52	40pcs/1.7 cu-ft/G.W.: 21.0kgs
GP-SB01B	1.0 - 2.0	1.6	2.5	0.53	40pcs/1.7 cu-ft/G.W.: 21.0kgs
GP-SB01C	1.5 - 3.0	1.5	2.5	0.76	40pcs/1.6 cu-ft/G.W.: 22.8kgs
GP-SB01F	3.0 - 5.0	1.5	3.2	0.81	30pcs/1.6 cu-ft/G.W.: 24.1kgs
GP-SB01J	0.3 - 1.2	1.6	4.0	0.57	30pcs/1.6 cu-ft/G.W.: 18.7kgs
GP-SB01K	0.8 - 2.0	1.6	4.0	0.57	30pcs/1.6 cu-ft/G.W.: 20.1kgs
GP-SB01I	9.0 - 15.0	1.3	4.7	3.61	4pcs/1.9 cu-ft/G.W.: 15.44kgs
GP-SB02I	5.0 - 9.0	1.3	4.7	3.59	4pcs/1.9 cu-ft/G.W.: 14.9kgs
GP-SB01GR	5.0 - 7.0	1.3	3.2	1.85	10pcs/1.7 cu-ft/G.W.: 20.9kgs
GP-SB03I	3.0 - 5.0	1.3	3.2	1.82	10pcs/1.7 cu-ft/G.W.: 19.2kgs
GP-SB04I	1.5 - 3.0	1.3	3.2	1.73	10pcs/1.7 cu-ft/G.W.: 18.3kgs
GP-SB05I	0.5 - 1.5	1.3	2.0	0.73	20pcs/1.9 cu-ft/G.W.: 15.6kgs
GP-SB06I	15 - 20	1.3	4.8	7.1	1pcs/0.6 cu-ft/G.W.: 7.7kgs
GP-SB07I	22 - 30	1.3	4.8	7.6	1pcs/0.6 cu-ft/G.W.: 8.3kgs

AIR HOSE BALANCER



Specifications										Hose Material : Polyurethane
Model No.	Capacity (kg)	Hose Size (mm)	Hose Length (M)	Inlet (inch)	Net Weight (kgs)	Case Size (mm)	Working Pressure psi (kg/cm ²)	Break Pressure psi (kg/cm ²)	Packing	
GP-AB02A	0.5 - 1.5	6.5 x 10	1.4	1/4"	1.80	277 X 264 X 109	100 (7)	400 (28)	6pcs/1.9 cu-ft/G.W.: 11.7kgs	
GP-AB02B	1.5 - 3.0	6.5 x 10	1.4	1/4"	1.90	277 X 264 X 109	100 (7)	400 (28)	6pcs/1.9 cu-ft/G.W.: 12.4kgs	
GP-AB02C	3.0 - 5.0	6.5 x 10	1.4	1/4"	2.00	277 X 264 X 109	100 (7)	400 (28)	6pcs/1.9 cu-ft/G.W.: 13.0kgs	
GP-RB02	0.6 - 1.5	5 x 8	1.0	1/4"	0.86	205 X 155 X 105	100 (7)	400 (28)	10pcs/1.4 cu-ft/G.W.: 11kgs	
GP-RB02B	0.6 - 1.5	5 x 8	2.0	1/4"	0.90	205 X 155 X 105	100 (7)	400 (28)	10pcs/1.4 cu-ft/G.W.: 11kgs	

AIR HOSE REEL



- ※ Features
- PU braid hose carries long duration and cold resistance yet light weight.
 - Excellent flexibility resists pressure from passing cars while working on the road.
 - 360° swivel base and long hose allow operation in wide range.

Specifications									Hose Material : Polyurethane Braid
Model No.	Hose Size (mm)	Hose Length (M)	Inlet (inch)	Net Weight (kgs)	Case Size (mm)	Working Pressure psi (kg/cm ²)	Break Pressure psi (kg/cm ²)	Packing	
GP-RB01A	5 x 8	7.5	1/4"	1.4	240 x 215 x 95	100 (7)	350 (24)	10pcs/2.0 cu-ft/G.W.: 20kgs	
GP-RB01B	6.5 x 9.5	6.0	1/4"	1.4	240 x 215 x 95	100 (7)	350 (24)	10pcs/2.0 cu-ft/G.W.: 20kgs	
GP-RB03F	6.5 x 10	10	1/4"	2.5	290 x 285 x 150	220 (15)	725 (50)	6pcs/3.0 cu-ft/G.W.: 20kgs	
GP-RB03G	8 x 12	8	1/4"	3.0	290 x 285 x 150	220 (15)	725 (50)	6pcs/3.0 cu-ft/G.W.: 20kgs	
GP-RB03A	6.5 x 10	30	1/4"	7.5	350 x 290 x 390	220 (15)	870 (60)	1pcs/1.3 cu-ft/G.W.: 8.5kgs	
GP-RB03B	6.5 x 10	50	1/4"	9.0	350 x 290 x 390	220 (15)	870 (60)	1pcs/1.3 cu-ft/G.W.: 10kgs	
GP-RB03C	8.5 x 12.5	30	1/4"	8.0	350 x 290 x 390	220 (15)	870 (60)	1pcs/1.3 cu-ft/G.W.: 9kgs	
GP-RB03D	8.5 x 12.5	40	1/4"	9.0	350 x 290 x 390	220 (15)	870 (60)	1pcs/1.3 cu-ft/G.W.: 10kgs	

SUCTION LIFTER



GAS-617S 40kgs / 110mm Plastic body, Flat cap	GAS-618L 10kgs / 123mm Plastic body, Flat cap	GAS-618A 25kgs / 123mm Flat cap	GAS-618E 15kgs / 123mm Flat cap, Top plate with chromium	GAS-618H 130kgs / 200mm for Heavy duty using	GAS-618HA 60kgs / 175mm for Heavy duty using	GAS-618HB 100kgs / 175mm for Heavy duty using
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- ※ Min. Q'ty Required: One Carton per item per shipment.
- ※ Features:
 1. The most helpful tool in moving objects / materials.
 2. Material structure included ABS handle, High Density Aluminum Alloy handle.
 3. Application for Stone, Glass industry, Flat Plastic, Metal, Tiles, Decorative surfaces, Automobile etc.



GAS-617D 117mm for construction, adjusting setting	GAS-617E 117mm for distance adjusting only	GAS-618B 20kgs / 117mm for horieontal grip	GAS-618 20kgs / 125mm	GAS-618J 15kgs / 100mm	GAS-618K 10kgs / 75mm	GAS-617CM 30kgs / 100mm GAS-617CS 20kgs / 75mm
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Automobil Application, for spherical cap, Bending.



GAS-617 160kgs / 110mm Contains: 2pcs GAS-617P Ratchet tie 123-462mm	GAS-617P 80kgs / 110mm Dual cap, straight	GAS-617A 80kgs / 110mm Dual cap, 90° angle adjustable	GAS-618D 80kgs / 117mm Dual cap Movable heads, Especially desing for curved surfaces. (less than 15°)	GAS-617F 60kgs / 123mm Dual cap, Top plate with chromium	GAS-617G 40kgs / 123mm Dual cap, Top plate with chromium. Movable heads, Especially desing for curved surfaces. (less than 15°)	GAS-619 80kgs / 123mm Three-grip fix style, Top plate with chromium.	GAS-620 100kgs / 123mm Four-grip fix style, Top plate with chromium.
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COMPRESSED AIR SYSTEM COMPONENTS AND NETWORK :

6. POINT-OF USE APPLICATION:

Filter-Regulator-Lubricator (FRL):

FRL are needed to ensure that a tool is receiving a clean, lubricated supply of air at the proper pressure. The filter removes water, pipe deposits, rust and condensation from entering the air motor. The regulator controls air pressure to the tool. The lubricator provides a nearly constant oil/air ratio of air flows.

The oil drip rate: one drop per minute for each 20 SCFM (566 LPM)

5. DISTRIBUTION

The link between supply, storage and demand. To supply adequate amount of compressed air at the required pressure to all work station.

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 [5.5 bar] - 110 psig [7.6 bar]) using different types of compressor such as reciprocating, vane, screw or, centrifugal.

COMPRESSOR SELECTION CRITERIA

A) COMPRESSOR TYPE - Recommendation:

0 to 80 PSIG (5.5 Bar): single stage compressor.

80 to 250 PSIG (17.2 Bar) / 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

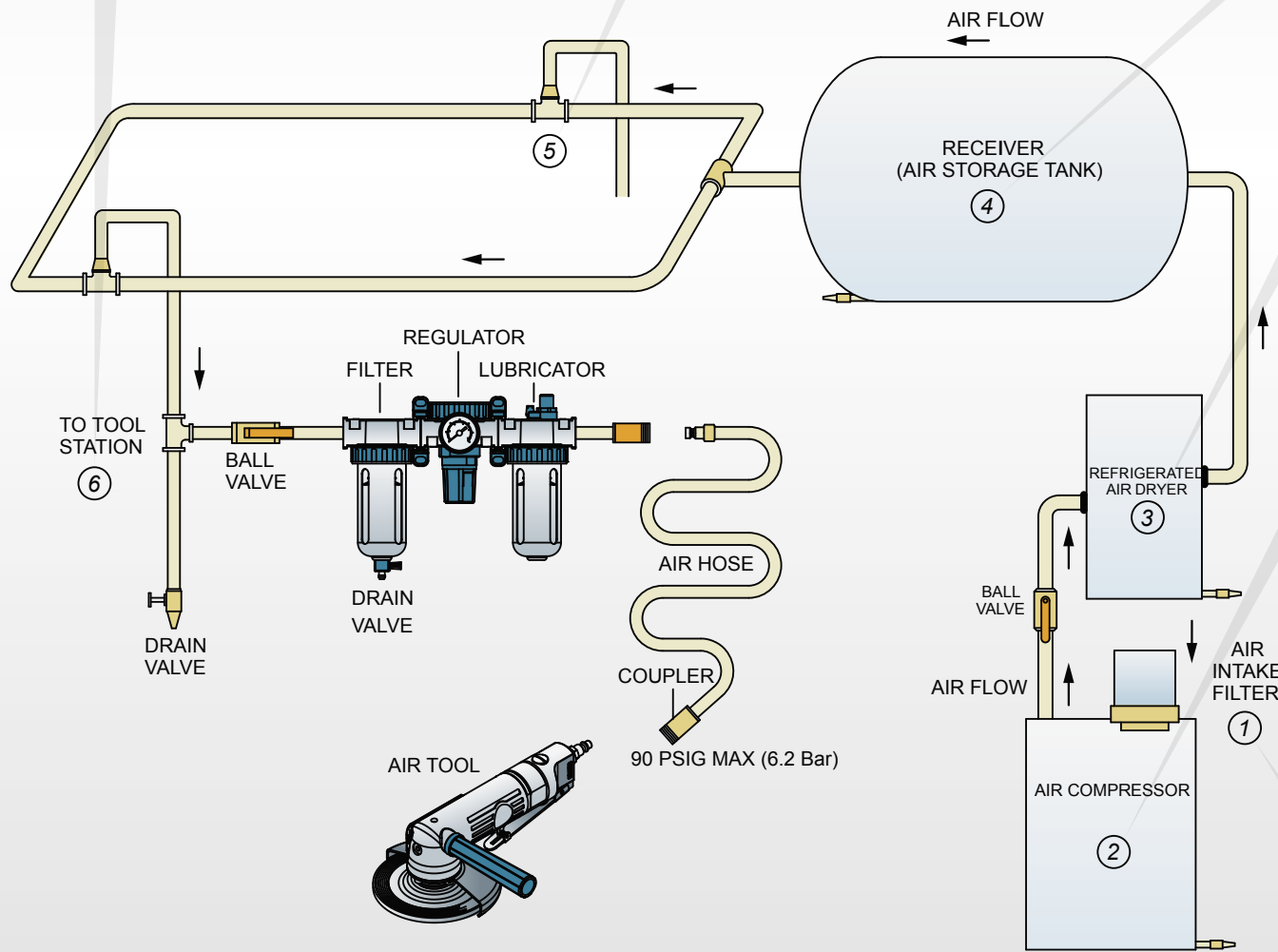
Add approximately 20% for system variables: $D_1 = D \times 1.2$

If $\leq 100 \text{ SCFM} (2,832 \text{ LPM})$: $hp = D_1 / 4$

If $> 100 \text{ SCFM} (2,832 \text{ LPM})$: $hp = D_1 / 5$

1. INTAKE AIR FILTERS

Prevent dust and other contaminants 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.
- 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 (6.2 bar) 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 contaminants 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 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.
Do not alter or modify the unit from the original design or function.

SAFETY INSTRUCTION

PNEUMATIC TOOLS SAFETY INSTRUCTIONS:

The goal of **GISON Machinery Co., Ltd.** is to produce tools that help you work safely and efficiently. The most important safety device for this or any tools is **YOU**, Your care and good judgment are the best protection against injury, All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.

Air Supply and Connection Hazards:

- Air under pressure can cause severe injury.
- Disconnect tool from air supplier before assembling or replacing.
- Be sure that switch is at "OFF" position before connect with air supply system.
- Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- Never direct air at yourself or anyone else.
- Whipping hoses can cause serious injury, Always check for damaged or loose hoses and fittings.
- Do not use quick disconnect couplings at tool. See instruction for correct set-up.
- Whenever universal twist couplings are used, lock pins must be installed.
- Do not exceed maximum air pressure of 90 psi/6.2 bar or as stated on tool nameplate.

Projectile Hazards:

- Always wear impact resistant eye and face protection when involved with or near the operation, repair or maintenance of the tools or changing accessories on the tool.
- Be sure all others in the area are wearing impact-resistant eye and face protection.
- Even small projectiles can injure eyes and cause blindness.
- Accessory bursts may be to cause serious injury.

Entanglement Hazards:

- Keep away from rotating spindle and accessory.
- Do not wear jewelry or loose clothing.
- Scalping can occur if hair is not kept away from tool and accessories.
- Choking can occur if neckwear is not kept away from tool and accessories.

Operating Hazards:

- Avoid direct contact with rotating spindle and accessory to prevent cutting of hands or other body parts. Wear gloves to help protect hands.
- Do not disable the safety lock off feature on the throttle lever.
- This tool and its accessories must not be modified.
- The liability of manufactory lapses if the user uses spare parts that are not identical with the original.
- Operators and maintenance personnel must be physically able to handle the power of the tool and capable of performing the job task.

Workplace Hazards:

- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work surface.
- High sound levels can cause permanent hearing loss. Use hearing protection as recommended by your employer.
- Regarding the dangers to vibration. User have to obey the Labor Safe operational instruction that depend on defferent country rule to setting.
- Maintain a balanced body position and secure footing.
- Repetitive work motions, awkward positions and exposure to vibration can be harmful to hands and arms, if numbness, tingling pain or whitening of the skin occurs, stop using tool and consult a physician.
- Avoid inhaling dust or handling debris from work process that can be harmful your health.
- Operators and maintenance personnel must be physically able to handle the bulk weight and power of this tool.
- This tool is not intended for use in explosive atmospheres and is not insulated for contact with electric power sources.

CONVERSION TABLE

Length	1 inch = 0.0254 m = 2.54 cm	1 m = 39.3701 inch = 3.28084 ft
	1 ft = 12 inch = 30.48 cm	
Weight	1 lb = 0.453592 kg	1 kg = 2.20462 lb
Torque	1 kpm = 9.80665 Nm = 1 J	1 Nm = 0.101972 kpm = 0.737562 ft-lb
	1 ft-lb = 1.35582 Nm	
	1 in-lb = 0.112985 ft-lb	
Pressure	1 bar = 100 kPa	1 kPa = 0.01 bar
	1 kp/cm ² = 98.0665 kPa	= 0.0101972 kp/cm ²
	1 psi = 6.89476 kPa	1 kg/cm ² = 14.232 psi (lb/inch ²)
Power	1 kpm/s = 9.80665 W	1 kW = 101.972 kpm/s
	1 kcal/s = 4.1868 kW	= 0.238846 kcal/s
	1 kcal/h = 1.163 W	= 859.845 kcal/h
	1 hk = 735.499 W	= 1.35962 hk
	1 hp = 745.7 W	= 1.34102 hp
Flow	1 m ³ /min = 16.6667 l/s	1 l/s = 0.06 m ³ /min
	= 35.3147 cfm	= 2.1189 cfm
	= 35.4 scfm	
	1 cfm = 0.471947 l/s	

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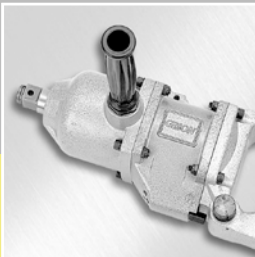
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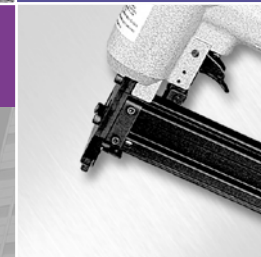
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