



www.ysm24.com

Address : 113 Sandan-ro, Jeonggan-eup, Kijang-gun,
Busan, Republic of Korea

Tel : +82-51-728-7068 Fax : +82-51-728-7069 Email : ysms@ysm24.com



BEST BUSINESS

Company Profile



ENGLISH

www.ysm24.com

Greetings

We cordially invite you to review our company profile.

In addition, we would like to extend our sincerest appreciation to our cherished and valued customers that purchase our items.

YM Yangsan Machinery Co., Ltd. is a manufacturer of air tools that has been acknowledged for its high quality and is increasing its market in over 20 countries, including Russia, Italy, China, Romania, Turkiye, Poland, the United States, India.

Since its founding in 1983, all employees have collaborated with a single goal in mind: to become the "Hidden Champion" that dominates the global market by producing the greatest eco-friendly air tools in a continuously changing global market environment.

Please keep an eye on YM Yangsan Engineering, which is still doing its utmost to give a customer-satisfying service with passion.

Scan the QR code
To Watch Company Intro Video



Table of

Content

Greetings	02
Overview	04
What We Do	06
Angle Grinders	08
Die Grinders	18
Micro Grinders	24
Impact Wrenches	25
Impact Drivers	29
Screw Drivers	31
Other Products	34
Safety Guide	38

Overview

We Create Effective Pneumatic Tools

YM Yangsan Machinery is propelled by the enthusiasm, determination, and can-do attitude of its young staff members, who are committed to achieving their goals and are capable of producing miraculous results.

Mission

It is our purpose to challenge and adapt in order to provide the most effective tools for people to have a brighter future like the sky and sea.

Vision

We advance confidently into the future as a unit. We, the unsung heroes, are sending our message out into the world.



Scan the QR code
To Listen Company Song



What We Do

YM Pneumatic Tools

Pneumatic (Air) tools are operated by the energy produced in the isentropic expansion process from highly compressed air. They are usually classified as 3 different types as follows;



01

Rotary Type

The shaft is assembled with eccentricity from the center of cylinder. The highly compressed air pushes the sliding vanes in order to make a rotating force at the tool shaft.

02

Piston Type

In order to generate a reciprocating force, the highly compressed air in the cylinder is used to push against the pistons.

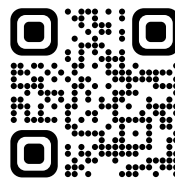
03

Turbine Type

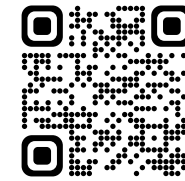
The force that is produced when a highly compressed air stream is injected into a turbine in order to rotate the rotor of the turbine.

Since its foundation in 1983, every member of the company has worked toward a common objective: to make the world's best environmentally friendly air tools and become the "Hidden Champion" that dominates the global market.

Scan the QR code
To Product Repair Manual



YM Yangsan Machinery is propelled by the enthusiasm, determination, and can-do attitude of its young staff members, who are committed to achieving their goals and are capable of producing miraculous results.



Scan the QR code
To Certificates and Recognition



It contains the strength and robustness of Daewoo Air-Tools products, as well as the speed and dynamic feel of AIR.

Product Features



Strong Power

- High capacity power machines.
- Automatically stop in the overload state and re-operated as soon as the overload removed.
- Show the strong power with continuous RPM.



Excellent Durability

- Operating well without over-heated problem even in continuous work.
- Instant re-use after simply replacing the broken or abraded components.
- 3 times longer use than the tools operated by an electronic motor.



Lightness

- Even though its light weight and compact design, showing a high torque and work efficiently.
- Easy handling and comfortable controllability.
- 1/2 ~ 1/3 of weight and volume compared with the tools operated by an electric motor.



Safety

- Free from ignition, explosion, electric shock compared with electric tools.

Certificates



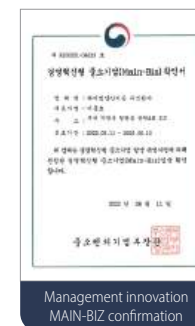
IP management certificate



Certificate of Technology Affiliated Research Institute



Technology innovation type INNOBIZ confirmation



Management innovation MAIN-BIZ confirmation



Disaster prevention activity certificate



Management system certificate

Angle Grinders

New product development and quality improvement based on accumulated technology

7" Angle Grinders (Light Weight)

Highest power among the similar class models and high productivity. Protection from hazard by the safety roll and lever, Safety by the over-speed controller (Governor)

Scan the QR code
To Send a New Inquiry



DAG-70G-1

- Easy workable with one hand
- Ultra light weight type as a 7 inch
- Safety Roll type on the Throttle Valve
- Over-speed controller(Governor) equipped



DAG-180G-4

- Improved grip by slimming the outer diameter
- The battlefield is designed low, which is advantageous for corner work
- It is easy to grip and light in weight, helping to reduce worker fatigue and prevent musculoskeletal disorders
- The weight is reduced by about 500g compared to the previous one, and frost is prevented by changing the structure of the exhaust hole
- Operation and stop valves prevent malfunction by safety roll method

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-70G-1	7	180	7,600	1.3	970	9.48	241	5.22	2.37	PT 3/8	33	0.9	83	85	6
DAG-180G-4	7	180	7,600	1.4	1,080	10.35	263	5.15	2.34	PT 3/8	33	0.9	83	85	6

7" Angle Grinders (Standard)

Highest power among the similar class models and high productivity. Protection from hazard by the safety roll and lever, Safety by the over-speed controller (Governor)

Scan the QR code
To Send a New Inquiry



DAG-7SG

- Safety Roll type on the ON/OFF valve.
- Highest power among the similar class models.
- Safety by the over-speed controller(Governor).



DAG-6SX-1

- Safety Roll type on the On/Off valve
- Attachable 6" or 7" inch grinding wheel
- Safety by the over-speed controller (Governor)
- Reducing user's fatigability due to light weight



DAG-6SX

- Safety Roll type on the On/Off valve
- Attachable 6" or 7" inch grinding wheel
- Safety by the over-speed controller (Governor)
- Reducing user's fatigability due to light weight
- Silencer equipped (changeable the exhaust air direction)



DAG-6SC

- Shock absorbing rubber covered
- Safety Roll type on the On/Off valve
- Safety by the over-speed controller(Governor)

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-7SG	7	180	7,600	1.6	1,200	10.35	263	7.05	3.2	PT 3/8	38.9	1.1	85	85	6
DAG-6SX-1	7	180	7,600	1.4	1,080	9.92	252	6.23	2.83	PT 3/8	33	0.9	83	85	6
DAG-6SX	7	180	7,600	1.4	1,040	9.92	252	6.23	2.83	PT 3/8	33	0.9	80	85	6
DAG-6SC	7	180	7,600	1.45	1,100	9.92	252	5.95	2.7	PT 3/8	33	0.9	83	85	6

7" Angle Grinders (Safety Lever)

Highest power among the similar class models and high productivity. Protection from hazard by the safety roll and lever, Safety by the over-speed controller (Governor)

Scan the QR code
To Send a New Inquiry



DAG-7LGA



- Safety by the over-speed controller(Governor)
- Protection from hazard by the safety lever, which controls the operation of air tools



DAG-6LXA-1



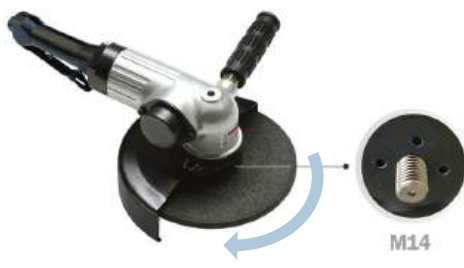
- Safety by the over-speed controller(Governor)
- Protection from hazard by the safety lever, which controls the operation of air tools



DAG-6LXA



- Safety by the over-speed controller (Governor)
- Silencer equipped(changeable the exhaust air direction)
- Protection from hazard by the safety lever, which controls the operation of air tools



DAG-6LXAT



- Excellent grip feeling due to ergonomic design
- Male thread (M14) type wheel fastening structure
- Used a lot in foreign countries (Americas and Europe)
- Secure efficiency and safety by attaching a speed controller
- Adopt a safety lever method to prevent malfunction if the tool is dropped while working

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-7LGA	7	180	7,600	1.6	1,200	12.4	315	7.05	3.2	PT 3/8	38.9	1.1	85	85	6
DAG-6LXA-1	7	180	7,600	1.4	1,040	12	306	6.26	2.84	PT 3/8	33	0.9	83	85	6
DAG-6LXA	7	180	7,600	1.4	1,040	12	306	6.26	2.84	PT 3/8	33	0.9	80	85	6
DAG-6LXAT	7	180	7,600	1.4	1,040	12	306	6.39	2.90	PT 3/8	33	0.9	80	85	6

5" Angle Grinders (Standard)

Choosable the exhaust air direction 90degree (right-hand side) or 45 degree (front side)
Protection from hazard by the safety roll and lever.

Scan the QR code
To Send a New Inquiry



DAG-5PH

- High torque by reduced gear ratio
- Exhaust air direction 45 degree front side
- For a painting pre-process with 5 inch sand paper
- Easy operation at the corner with a slim protector



DAG-5SX

- On and Off valve by Safety Roll type
- Exhaust air direction 45 degree front side

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-5PH	5	125	8,400	0.7	520	7.48	190	3.1	1.44	PT 1/4	23.8	0.6	88	85	6
DAG-5SX	5	125	11,000	0.7	520	7.48	190	3.1	1.44	PT 1/4	23.8	0.6	88	85	6

Maintenance Service

For the convenience of our customers, we have established and are operating a nationwide agency and service network. YM Yangsan Machinery manufactures under strict quality control. However, free exchange and free repair are provided in the event of a manufacturing defect in some products.

Scan the QR code
To A/S Service Information



5" Angle Grinders (Safety Lever)

Choosable the exhaust air direction 90degree (right-hand side) or 45 degree (front side)
Protection from hazard by the safety roll and lever.

Scan the QR code
To Send a New Inquiry



DAG-5LX



- Attachable 5 inch grinding wheel
- Exhaust air direction 45 degree front side
- Protection from hazard by the safety lever
- Easy operation at the corner with a slim protector



DAG-5LH



- Attachable 5 inch grinding wheel
- Exhaust air direction 45 degree front side
- Protection from hazard by the safety lever
- Easy operation at the corner with a slim protector
- Side handle attached for the safety improvement.



DAG-5LHT



- The external thread spindle(M14)
- Exhaust air direction 45 degree front side
- Protection from hazard by the safety lever
- Many kinds of wheels are attachable such as normal abrasive wheels, cup brushes, paper wheels, sanding disks and wire brushes

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-5LX	5	125	11,000	0.7	520	8.86	225	3.1	1.42	PT 1/4	23.8	0.65	88	85	6
DAG-5LH	5	125	11,000	0.7	520	8.86	225	3.1	1.42	PT 1/4	23.8	0.65	88	85	6
DAG-5LHT	5	125	11,000	0.7	520	8.86	225	3.74	1.7	PT 1/4	23.8	0.65	88	85	6

4" Angle Grinders (Standard)

Choosable the exhaust air direction 90degree (right-hand side) or 45 degree (front side)
Protection from hazard by the safety roll and lever.

Scan the QR code
To Send a New Inquiry



DAG-100NS

- Possible to attach side safety handle
- Easy to work in corners with low overall height
- Easy to adjust wheel guard direction by applying clamp type wheel guard
- Ergonomic casing design and special coating improve grip and prevent slipping
- When disassembling and assembling the wheel guard, use 6mm L-WRENCH (same specifications as the wheel nut flange bolt)



DAG-100SP

- On and Off valve by Roll type
- Widely used in the normal industrial site
- Exhaust air direction 90 degree (right-hand side)

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-100NS	4	100	11,000	0.85	630	7.6	194	3.24	1.47	PT 1/4	28	0.8	86	85	6
DAG-100SP	4	100	11,000	0.7	520	8.2	210	3.4	1.55	PT 1/4	22	0.6	86	85	6

Maintenance Service

For the convenience of our customers, we have established and are operating a nationwide agency and service network. YM Yangsan Machinery manufactures under strict quality control. However, free exchange and free repair are provided in the event of a manufacturing defect in some products.

Scan the QR code
To A/S Service Information



4" Angle Grinders (Standard)

Choosable the exhaust air direction 90degree (right-hand side) or 45 degree (front side)
Protection from hazard by the safety roll and lever.

Scan the QR code
To Send a New Inquiry



DAG-100S

- Exhaust air direction 45 degree(front side)
- On and Off valve by Safety Roll type



DAG-100ST

- On and Off valve by Roll type
- The external thread type(M10×1.5)
- Many kinds of wheels are attachable such as normal abrasive wheels, cup brushes, paper wheels, sanding disks and wire brushes



DAG-100SC

- Shock absorbing rubber covered
- On and Off valve by Safety Roll type
- Exhaust air direction 45 degree (front side)



DAG-100LP



- Protecting from hazard by the safety lever
- Exhaust air direction 90 degree (right-hand side)
- 45 degree of front side exhausting direction available

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-100S	4	100	11,000	0.7	520	8.2	210	3.4	1.55	PT 1/4	22	0.6	86	85	6
DAG-100ST	4	100	11,000	0.7	520	8.2	210	3.8	1.72	PT 1/4	22	0.6	86	85	6
DAG-100SC	4	100	11,000	0.7	520	8.2	210	3.4	1.56	PT 1/4	22	0.6	86	85	6
DAG-100LP	4	100	11,000	0.7	520	8.8	225	4.23	1.92	PT 1/4	22	0.6	86	85	6

4" Angle Grinders (Lightweight)

Choosable the exhaust air direction 90degree (right-hand side) or 45 degree (front side)
Protection from hazard by the safety roll and lever.

Scan the QR code
To Send a New Inquiry



DAG-4SX

- One hand operation
- Safety Roll type on the On/Off valve
- Exhaust air direction 45 degree front side



DAG-4SX-1

- Long hand grip with adaptor
- Safety Roll type on the On/Off valve
- Exhaust air direction 45 degree front side
- Easy operation at the corner with a slim protector



DAG-4SX-2

- Exhaust air direction 45 degree front side
- Excellent workability with excellent performance (Approximately 30% increase compared to before)
- The operation · top valve is a roll type and is easy to use
- Lightweight product with a weight reduction of about 100g compared to existing products, reducing operator fatigue



DAG-4LX



- Exhaust air direction 45 degree front side
- Protection from hazard by the safety lever
- Easy operation at the corner with a slim protector

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DAG-4SX	4	100	11,000	0.7	520	7.48	190	3.1	1.44	PT 1/4	23.8	0.6	88	85	6
DAG-4SX-1	4	100	11,000	0.7	520	8.2	210	3.3	1.5	PT 1/4	23.8	0.6	88	85	6
DAG-4SX-2	4	100	11,000	0.9	678	9.72	247	2.93	1.33	PT 1/4	23.8	0.6	86	85	6
DAG-4LX	4	100	11,000	0.7	520	8.85	225	3.1	1.42	PT 1/4	23.8	0.6	88	85	6

2" Angle Grinders

Choosable 2", 2.5" grinder disc type or 6mm collet type / Ultralight and highest power among 2" grinders.

Scan the QR code
To Send a New Inquiry



DAG-2CS

- Small, lightweight, and excellent workability
- Easy to work even in corners due to its curved shape
- The operation stop valve uses a convenient roll method
- Various carbides can be attached with 6mm collet type
- Products suitable for post-CASTING post-processing work



DAG-2CL



- Small, lightweight, and excellent workability
- Easy to work even in corners due to its curved shape
- Prevention of malfunction by safety lever method
- Various carbides can be attached with 6mm collet type
- Products suitable for post-CASTING post-processing work

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm	rpm	HP	W	in	mm	lb	kg	in	ft³/min	m³/min	db	PSI	kg/m²
DAG-2CS	-	6	22,000	0.4	300	5.35	136	1.14	0.52	PT 1/4	9.1	0.25	93	85	6
DAG-2CL	-	6	22,000	0.4	300	5.51	140	1.08	0.49	PT 1/4	9.1	0.25	93	85	6

2" Angle Grinders

Choosable 2", 2.5" grinder disc type or 6mm collet type / Ultralight and highest power among 2" grinders.

Scan the QR code
To Send a New Inquiry



DAG-2WS

- Small, lightweight, and excellent workability
- 2", 2.5" offset type grindstone can be attached
- Easy to work even in corners due to its curved shape
- The operation stop valve uses a convenient roll method
- Products suitable for post-CASTING post-processing work



DAG-2WL



- Small, lightweight, and excellent workability
- 2", 2.5" offset type grindstone can be attached
- Prevention of malfunction by safety lever method
- Easy to work even in corners due to its curved shape
- Products suitable for post-CASTING post-processing work



60mm Abrasive Stone

- For DAG-2WS, DAG-2WL

Model	Capacity (wheel size)		Max. free speed	Max. power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm	rpm	HP	W	in	mm	lb	kg	in	ft³/min	m³/min	db	PSI	kg/m²
DAG-2WS	2-2.5	50-60	22,000	0.4	300	5.35	136	1.23	0.56	PT 1/4	9.1	0.25	93	85	6
DAG-2WL	2-2.5	50-60	22,000	0.4	300	5.51	140	1.19	0.54	PT 1/4	9.1	0.25	93	85	6

Maintenance Service

For the convenience of our customers, we have established and are operating a nationwide agency and service network. YM Yangsan Machinery manufactures under strict quality control. However, free exchange and free repair are provided in the event of a manufacturing defect in some products.

Scan the QR code
To A/S Service Information



Die Grinders

New product development and quality improvement based on accumulated technology

Die Grinders (High Power)

Lighter weight and higher power among the similar class. The high-power product of optimum design for grinding. Easy operation in the corner and narrow space.

Scan the QR code
To Send a New Inquiry



DSG-25C

- Aluminum body for light weight
- Collet type(6 mm or 8 mm adaptable)
- Easy and powerful operation at the corner or narrow space



DSG-25HC

- Collet type(6mm or 8mm adaptable)
- Easy and powerful operation at the corner or narrow space



DSG-25HCLS



- Collet type (6 mm or 8 mm adaptable)
- Protection from hazard by the safety lever
- Easy and powerful operation at the corner or narrow place

Model	Capacity (wheel size)		Max. free speed	Max.power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DSG-25C	-	6 or 8	18,000	0.8	600	11.89	302	2.20	1.00	PT 1/4	21.1	0.6	88	85	6
DSG-25HC	-	6 or 8	18,000	0.8	600	11.88	302	3.17	1.44	PT 1/4	21.1	0.6	88	85	6
DSG-25HCLS	-	6 or 8	18,000	0.8	600	12.04	306	3.06	1.39	PT 1/4	21.1	0.6	88	85	6

Die Grinders (High Power)

Lighter weight and higher power among the similar class. The high-power product of optimum design for grinding. Easy operation in the corner and narrow space.

Scan the QR code
To Send a New Inquiry



DSG-25HWG

- 2.5 inch grinding wheel disc
- High speed and surface processing performance
- Over-speed controller (Governor) equipped



DSG-25W

- 2.5 inch grinding wheel disc
- Easy and powerful performance
- Aluminum body for light weight
- Over-speed controller(Governor) equipped



DSG-25HW

- 2.5 inch grinding wheel disc
- High speed and surface processing performance



DSG-25HWLS

- 2.5 inch grinding wheel disc
- High speed and surface processing performance
- Protection from hazard by the safety lever,which controls the operation of air tools



65mm Abrasive Stone

- For DSG-25HWG, DSG-25W, DSG-25HW, DSG-25HWLS

Model	Capacity (wheel size)		Max. free speed	Max.power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DSG-25HWG	2.5	63.5	14,000	0.8	600	10.91	277	3.70	1.68	PT 1/4	21.1	0.6	88	85	6
DSG-25W	2.5	63.5	14,000	0.8	600	12.00	305	2.42	1.10	PT 1/4	21.1	0.6	88	85	6
DSG-25HW	2.5	63.5	18,000	0.8	600	12.15	276	3.19	1.45	PT 1/4	21.1	0.6	88	85	6
DSG-25HWLS	2.5	63.5	18,000	0.8	600	12.04	306	3.06	1.39	PT 1/4	21.1	0.6	88	85	6

Die Grinders (Standard)

High power the light weight and compact design. Demonstrated superior ability in polishing, burr and scale removing, and etc. Available to suit work environment by the various kind of products like lower noise and longer length type.

Scan the QR code
To Send a New Inquiry



DG-38L



- 3.0mm shaft attachable with a special Bushing
- Light duty operation such as a polishing, burr removing etc



DG-38S

- 3.0mm shaft attachable with a special Bushing
- Light duty operation such as a polishing, burr removing etc



DGS-38L



- Silencer equipped
- Suitable for indoor working
- 3.0mm shaft attachable with a special Bushing



DGS-38S

- Silencer equipped
- Suitable for indoor working
- 3.0mm shaft attachable with a special Bushing

Model	Capacity (wheel size)		Max. free speed	Max.power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DG-38L	-	6(3)	25,000	0.45	340	6.37	162	1.25	0.57	PT 1/4	10.7	0.3	85	85	6
DG-38S	-	6(3)	25,000	0.45	340	7.08	180	1.43	0.65	PT 1/4	10.7	0.3	85	85	6
DGS-38L	-	6(3)	22,000	0.40	300	6.37	162	1.25	0.57	PT 1/4	10.7	0.3	75	85	6
DGS-38S	-	6(3)	22,000	0.40	300	7.08	180	1.43	0.65	PT 1/4	10.7	0.3	75	85	6

Die Grinders (Standard)

High power the light weight and compact design. Demonstrated superior ability in polishing, burr and scale removing, and etc. Available to suit work environment by the various kind of products like lower noise and longer length type.

Scan the QR code
To Send a New Inquiry



DG-38RS

- For rotary burr tools' use
- 3.0mm shaft attachable with a special Bushing
- Low vibration due to its reinforced rotor shaft diameter (8mm -> 9mm)



DG-38RS-1

- For rotary burr tools' use
- 3.0mm shaft attachable with a special Bushing
- Low vibration due to its reinforced rotor shaft diameter (8mm -> 9mm)
- Application of double bearing structure to improve vibration in work



DG-38LS



- Protection from hazard by safety lever
- 3.0mm shaft attachable with a special Bushing



DGS-38LS



- Silencer equipped
- Protection from hazard by the safety lever
- 3.0mm shaft attachable with a special Bushing

Model	Capacity (wheel size)		Max. free speed	Max.power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DG-38RS	-	6(3)	25,000	0.45	340	7.08	180	1.47	0.67	PT 1/4	10.7	0.3	85	85	6
DG-38RS-1	-	6(3)	25,000	0.45	340	7.40	188	1.60	0.73	PT 1/4	10.7	0.3	85	85	6
DG-38LS	-	6(3)	25,000	0.45	340	6.88	175	1.25	0.57	PT 1/4	10.7	0.3	85	85	6
DGS-38LS	-	6(3)	22,000	0.40	300	6.88	175	1.25	0.57	PT 1/4	10.7	0.3	75	85	6

Die Grinders (Long Type)

High power the light weight and compact design. Demonstrated superior ability in polishing, burr and scale removing, and etc. Available to suit work environment by the various kind of products like lower noise and longer length type.

Scan the QR code
To Send a New Inquiry



DGL-38L



- Lever type on the On / Off for simple working
- 3.0mm shaft attachable with a special Bushing
- Easy operation in the corner or narrow space by its extended spindle



DGL-38S

- Roll type on the On/Off for successive working
- 3.0mm shaft attachable with a special Bushing
- Easy operation in the corner or narrow space by its extended spindle



DGL-38LS



- Protection from hazard by safety lever
- 3.0 mm shaft attachable with a special Bushing



Silencer / 3mm Busing

- Silencer : Only DGS-38L, DGS-38S, DGS-38LS
- 3mm Busing : Option

Model	Capacity (wheel size)		Max. free speed	Max.power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DGL-38L	-	6(3)	25,000	0.45	340	12.6	320	2.02	0.92	PT 1/4	10.7	0.3	83	85	6
DGL-38S	-	6(3)	25,000	0.45	340	13.1	335	2.02	0.92	PT 1/4	10.7	0.3	83	85	6
DGL-38LS	-	6(3)	25,000	0.45	340	12.99	330	2.02	0.92	PT 1/4	10.7	0.3	83	85	6

Die Grinders (50 Series)

High power the light weight and compact design. Demonstrated superior ability in polishing, burr and scale removing, and etc. Available to suit work environment by the various kind of products like lower noise and longer length type.

Scan the QR code
To Send a New Inquiry



DG-50L(6mm) / DG-50L(8mm)



- High durability for rotary burr tool
- Low vibration due to precision concentricity
- Available 6 or 8mm collet according to user need



DG-50S(6mm) / DG-50S(8mm)

- High durability for rotary burr tool
- Low vibration due to precision concentricity
- Available 6 or 8mm collet according to user need



DG-50LS(6mm) / DG-50LS(8mm)



- High durability for rotary burr tool
- Protection from hazard by the safety lever
- Low vibration due to precision concentricity
- Available 6 or 8mm collet according to user need

Model	Capacity (wheel size)		Max. free speed	Max.power		Length		Weight (without wheel)		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm		HP	W	in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DG-50L	-	6 or 8	22,000	0.5	370	8.07	205	1.63	0.74	PT 1/4	17.8	0.5	83	85	6
DG-50S	-	6 or 8	22,000	0.5	370	8.18	208	1.67	0.76	PT 1/4	17.8	0.5	83	85	6
DG-50LS	-	6 or 8	22,000	0.5	370	8.07	205	1.69	0.77	PT 1/4	17.8	0.5	83	85	6

Micro Grinders

New product development and quality improvement based on accumulated technology

Micro Grinders

High precision processing due to the low vibration at high RPM with compact design and light weight. Applied to the grinding process of various molder, removing burr and processing of complex surface, and etc.

Scan the QR code
To Send a New Inquiry



DT-1000 (Turbine Type)

- Front exhaust
- Smooth On/Off valve
- Ultrahigh speed(100,000 rpm)
- Good performance with high power
- Small size and Multi-stage axial turbine system
- High durability because of no friction between each part



DMG-3M (Pencil Type)

- Rear exhaust
- Less operator's fatigue
- Good operation with the strong power
- Long lifetime and pleasant operation condition with a silencer

Model	Capacity (wheel size)		Max.free speed RPM	Length		Weight (without wheel)		Thread air inlet in	Average air consumption		Noies db	Recommended air pressure	
	in	mm		in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DT-1000	-	3	100,000	5.7	145	0.55	0.25	PT 1/8	7.1	0.2	73	85	6
DMG-3M	-	3	65,000	6.3	162	0.28	0.13	PT 1/4	7.1	0.2	83	85	6

Impact Wrenches

New product development and quality improvement based on accumulated technology

1", 3/4" Impact Wrenches

High productivity, worker's fatigue reduction by the ergonomic design. Light weight and quick response. Widely used in the field of automobile and motorcycle assembly line or maintenance

Scan the QR code
To Send a New Inquiry



DIW-2500

- Output of impact wrenches is highest.
- Using both hands is possible thanks to the auxiliary handle.
- Use a flow control lever to make sure the bolt parameters (tightening direction) are met.



DIW-19N (3/4")

- Double hammer type
- Installed the flow regulator
- Shock absorbing rubber covered
- Lightest weight among the same class models

Model	Hex size		Bolt size size	Max.free speed RPM		Max.torque kg.m N.m		Length		Weight		Thread air inlet in	Average air consumption		Noise db	Recommended air pressure	
	in	mm						in	mm	lb	kg		ft³/min	m³/min		PSI	kg/m²
DIW-2500	1	25	M24-M32	6,500	100	980		8.9	226	13.2	6	PT 3/8	56.5	1.6	100	85	6
DIW-19N	3/4	19	M18-M22	6,000	80	784		8.77	210	8.15	3.7	PT 1/4	31.7	0.9	100	85	6

1/2" Impact Wrenches

High productivity, worker's fatigue reduction by the ergonomic design. Light weight and quick response. Widely used in the field of automobile and motorcycle assembly line or maintenance

Scan the QR code
To Send a New Inquiry



DIW-1400

- Exhibits output higher than existing 1/2" inch level
- Applying low noise of less than 90dB and easy forward/reverse switching button
- Improved gripping power and improved slippage by applying a soft material cover to the handle area
- Work fatigue is improved with a lightweight 1.8kg product with an engineering plastic body (28% lighter than the existing aluminum body of 2.6kg)



DIW-14N2

- Front exhaust
- Multi- stage trigger type
- High durability with double hammer type
- Good performance on the maintenance of vehicles
- One touch operation type on the reverse valve and flow regulator installed



DIW-14S

- Front exhaust
- Multi- stage trigger type
- High durability with double hammer type
- Good performance on the maintenance of vehicles
- One touch operation type on the reverse valve and flow regulator installed
- Light & Short type of DIW-14N2

Model	Hex size		Bolt size	Max.free speed	Max.torque		Length		Weight		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm	size	RPM	kg.m	N.m	in	mm	lb	kg	in	ft³/min	m³/min	db	PSI	kg/m²
DIW-1400	1/2	12.7	M12-M16	7,000	54	530	7.4	188	4.1	1.86	PT 1/4	24.7	0.7	90	85	6
DIW-14N2	1/2	12.7	M12-M16	8,500	54	530	7.24	184	5.7	2.6	PT 1/4	24.7	0.7	100	85	6
DIW-14S	1/2	12.7	M12-M16	8,500	54	530	6.42	163	5.1	2.3	PT 1/4	24.7	0.7	100	85	6

1/2" Impact Wrenches

High productivity, worker's fatigue reduction by the ergonomic design. Light weight and quick response. Widely used in the field of automobile and motorcycle assembly line or maintenance

Scan the QR code
To Send a New Inquiry



DIW-13P2

- Front exhaust
- Double hammer type
- Specially used in the field of automobile assembly line or maintenance



DIW-8PA

- Front exhaust
- Double hammer type
- Specially used in the field of automobile and motorcycle assembly line or maintenance

Model	Hex size		Bolt size	Max.free speed	Max.torque		Length		Weight		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm	size	RPM	kg.m	N.m	in	mm	lb	kg	in	ft³/min	m³/min	db	PSI	kg/m²
DIW-13P2	1/2	12.7	M12-M16	6,000	68	670	7.95	202	6.1	2.8	PT 1/4	33	0.9	100	85	6
DIW-8PA	1/2	12.7	M8-M10	8,500	38	373	6.29	160	3.5	1.6	PT 1/4	24.7	0.7	100	85	6

Maintenance Service

For the convenience of our customers, we have established and are operating a nationwide agency and service network. YM Yangsan Machinery manufactures under strict quality control. However, free exchange and free repair are provided in the event of a manufacturing defect in some products.

Scan the QR code
To A/S Service Information



3/8" Impact Wrenches

High productivity, worker's fatigue reduction by the ergonomic design. Light weight and quick response. Widely used in the field of automobile and motorcycle assembly line or maintenance

Scan the QR code
To Send a New Inquiry



DIW-8P

- Front exhaust
- Double hammer type
- Specially used in the field of automobile and motorcycle assembly line or maintenance



DIW-6P2

- Rear exhaust
- Double hammer type
- Specially used in the field of automobile assembly line
- High productivity due to light weight, compact design, and easy handling grip for operator



DIW-5P

- Rear exhaust
- Double hammer type
- Quiet operation with a silencer
- Two stage trigger control the RPM
- Controllable the rotation direction by one hand
- High productivity due to light weight and compact design



DIW-6SA2

- Front exhaust
- Double hammer type & straight impact wrench
- High productivity due to light weight, compact design, and easy handling grip for operator
- Specially used in the field of automobile and motorcycle assembly line or maintenance

Model	Hex size		Bolt size	Max.free speed	Max.torque		Length		Weight		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm	size	RPM	kg.m	N.m	in	mm	lb	kg	in	ft³/min	m³/min	db	PSI	kg/m²
DIW-8P	3/8	9.5	M8-M10	8,500	38	373	6.29	160	3.5	1.6	PT 1/4	24.7	0.7	100	85	6
DIW-6P2	3/8	9.5	M5-M8	10,000	21	206	6.61	168	2.4	1.1	PT 1/4	10.5	0.3	95	85	6
DIW-5P	3/8	9.5	M5-M8	12,000	17	167	5.05	148	1.98	0.9	PT 1/4	10.5	0.3	90	85	6
DIW-6SA2	3/8	9.5	M5-M8	10,000	13	127	6.49	190	2.2	1.0	PT 1/4	10.5	0.3	90	85	6

Products

Impact Drivers

New product development and quality improvement based on accumulated technology

Impact Drivers (Straight)

The ergonomic design and quick response by light weight and compact design. High efficiency by changing bits quickly and easily. A proper torque adjustment and pleasant work environment by equipped with a flow regulator and a silencer.

Scan the QR code
To Send a New Inquiry



DID-4S

- Double hammer type
- Control torque due to a flow regulation valve equipped
- Specially used in the field of home electric appliances assembly line
- High productivity due to light weight, compact design, and easy handling grip for operator



DID-4H

- Double hammer type
- Quick and easy changeable driver anvil
- Control torque due to a flow regulation valve equipped
- Specially used in the field of home electric appliances assembly line.
- High productivity due to the light weight, compact design, and easy handling grip for operator

Model	Hex size		Bolt size	Max.free speed	Max.torque		Length		Weight		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm	size	RPM	kg.m	N.m	in	mm	lb	kg	in	ft³/min	m³/min	db	PSI	kg/m²
DID-4S	1/4	6.35	M4-M6	12,000	3	29	6.8	175	1.65	0.75	PT 1/4	10.5	0.3	95	85	6
DID-4H	1/4	6.35	M4-M6	12,000	3	29	7.08	180	1.69	0.77	PT 1/4	10.5	0.3	95	85	6

Impact Drivers (Pistol and Standard)

The ergonomic design and quick response by light weight and compact design.
High efficiency by changing bits quickly and easily. A proper torque adjustment and pleasant work environment by equipped with a flow regulator and a silencer.

Scan the QR code
To Send a New Inquiry



DID-6P3

- Rear exhaust
- Double hammer type
- Quick changeable driver anvil
- High productivity due to light weight, compact design, and easy handling grip for operator
- Specially used in the field of automobile and motorcycle assembly line or maintenance



DID-5P3

- Rear exhaust
- Double hammer type
- Quiet operation with a silencer
- Controllable the rotation direction by one hand
- Two stage trigger control RPM Quiet operation with a silencer
- High productivity due to light weight, compact design, and easy handling grip for operator



DID-6SA3

- Front exhaust
- Quick changeable driver anvil
- Double hammer type & straight impact wrench
- High productivity due to light weight, compact design, and easy handling grip for operator
- Specially used in the field of automobile and motorcycle assembly line or maintenance

Model	Hex size		Bolt size	Max.free speed	Max.torque		Length		Weight		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	in	mm	size	RPM	kg.m	N.m	in	mm	lb	kg	in	ft³/min	m³/min	db	PSI	kg/m²
DID-6P3	1/4	6.35	M5-M8	10,000	21	206	7.0	178	2.4	1.1	PT 1/4	10.5	0.3	95	85	6
DID-5P3	1/4	6.35	M5-M8	12,000	17	167	5.98	153	2	0.9	PT 1/4	10.5	0.3	90	85	6
DID-6SA3	1/4	6.35	M5-M8	10,000	13	127	7.7	197	2.2	1.0	PT 1/4	10.5	0.3	90	85	6

Products

Screw Drivers

New product development and quality improvement based on accumulated technology

Scan the QR code
To Send a New Inquiry



Screw Drivers (Standard)

Worker's fatigue reduction by the ergonomic design. Available to suit working conditions by adjusting torque. High efficiency by changing bits quickly and easily.



DS-4L

- Widely used in fastening or removing the screw
- Safety due to the cushion clutch even in the overload state



DS-5L

- Safety due to the cushion clutch even in the overload state
- High torque operation because of adjustable the torque by an air regulator

Model	Bit size	Max.free speed	Max.torque		Length		Weight		Thread air inlet	Hose size (Outer-Inner)	Average air consumption		Noise	Recommended air pressure	
			kg.m	N.m	in	mm	lb	kg			ft ³ /min	m ³ /min		PSI	kg/m ²
DS-4L	5	2,000	10~25	0.98~2.45	8.11	206	1.32	0.6	PT 1/4	8-5	7	0.2	88	71	5
DS-5L	6.35	1,400	20~40	1.96~3.92	10.63	270	2.42	1.1	PT 1/4	8-5	7	0.2	88	71	5

Screw Drivers (High Class)

Worker's fatigue reduction by the ergonomic design. Available to suit working conditions by adjusting torque. High efficiency by changing bits quickly and easily.

Scan the QR code
To Send a New Inquiry



DS-4TS-10

- Quick changeable bit driver anvil
- Easy and quick control of rotational direction
- Specially used in the precision fastening process
- Available 5 or 6.35 mm bit according to user need
- The auto shut off type clutch automatically shuts off the air inlet and is suitable for precise work.



DS-4TL-10

- Quick changeable bit driver anvil
- Easy and quick control of rotational direction
- Available 5 or 6.35 mm bit according to user need
- Specially used in the precision fastening process
- Smooth and silky operation with the cushion clutch



DS-5TS

- External Torque Controller
- Shock absorbing and anti-slip rubber cover
- Easy and quick control of rotational direction
- Available 5 or 6.35mm bit according to user need
- Controlling the exhaust air direction and a silencer attached
- The auto shut off type clutch automatically shuts off the air inlet and is suitable for precise work.



DS-5TH

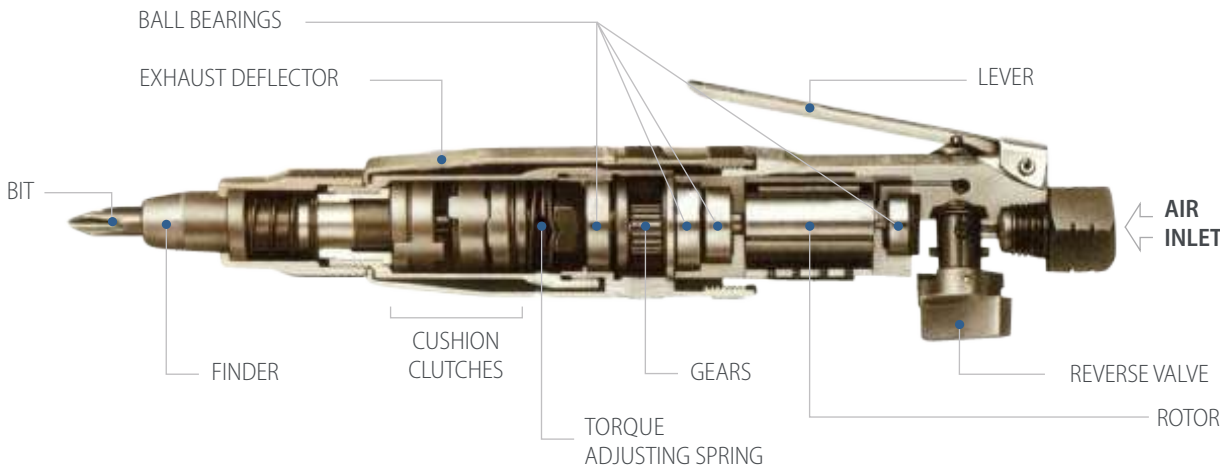
- External Torque Controller
- Low noise by exhaust hose
- Shock absorbing and anti-slip rubber cover
- Easy and quick control of rotational direction
- Available 5 or 6.35mm bit according to user need
- The auto shut off type clutch automatically shuts off the air inlet and is suitable for precise work.

Model	Bit size	Max.free speed	Max.torque		Length		Weight		Thread air inlet	Hose size (Outer-Inner)	Average air consumption		Noise	Recommended air pressure	
	mm	RPM	kg.m	N.m	in	mm	lb	kg	in	mm	ft³/min	m³/min	db	PSI	kg/m²
DS-4TS-10	5 or 6.35	1,400	5-20	0.50~1.96	9.44	240	1.4	0.6	PT 1/8	8-5	11.3	0.32	80	85	6
DS-4TL-10	5 or 6.35	1,400	5-30	0.50~2.94	9.44	240	1.4	0.6	PT 1/8	8-5	11.3	0.32	80	85	6
DS-5TS	5 or 6.35	1,400	7-17	0.69~1.67	9.25	235	1.48	0.67	PT 1/4	8-5	10.6	0.3	78	85	6
DS-5TH	5 or 6.35	1,400	7-17	0.69~1.67	8.85	225	1.46	0.66	PT 1/8	8-5	10.6	0.3	78	85	6

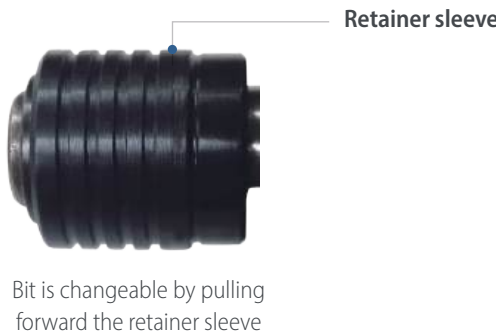
Screw Drivers Structure

Detailed description of Screw Drivers Structure allows you to check the structure and parts of the product.

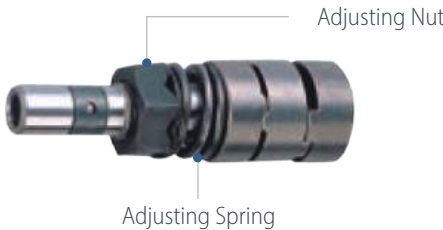
Scan the QR code
To Send a New Inquiry



Quick changeable diver anvil 5.0, 6.35 mm Hex



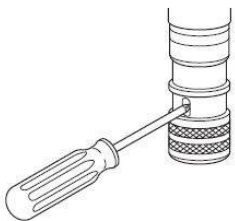
Torque Adjustment Method



After disassembling the product, Torque can be adjusted. Torque can be adjusted. Please follow the instruction below.

- 1st. immobilize the adjusting nut
 - 2nd. insert a bit into the hammer shank.
- Clockwise : Increase
 - Anticlockwise : Decrease

Torque Control



Torque is increased by turning the cross type driver clockwise.

Valve of rotation direction



Reversely rotated when pushes down as the arrow direction, and then fixed after about 1/3 rotation.

Edge Cutters

New product development and quality improvement based on accumulated technology

Drills

New product development and quality improvement based on accumulated technology

Edge Cutters

Easy changeable insert tip. Specially used in the field of ship building heavy industries for trimming process of steel plate edge. High productivity, worker's fatigue reduction by the ergonomic design.

Scan the QR code
To Send a New Inquiry



Drills

Easy controllable the rotation direction and the ergonomic design. Excellent workability by optimized reduction ratio.

Scan the QR code
To Send a New Inquiry



DAC-3TQ / DAC-3TQA

- Easy changeable insert tip
- Light weight & easy handling
- Easy to use due to a same body casing with an angle grinder
- Multi purpose process because of various insert tips (liner or curve)
- Specially used in the field of ship building or heavy industries for trimming process of steel plate edge



DAC-3T

- Easy changeable insert tip
- Easy to use due to a same body casing with an angle grinder
- Multi purpose process because of various insert tips (liner or curve)
- Specially used in the field of ship building or heavy industries for trimming process of steel plate edge



DR-8RH

- Silencer equipped
- High power, and high efficiency
- A general industrial drill chuck, 3/8" is available
- Controllable the rotational direction by one hand
- Double trigger structure, and low speed(500rpm) tapping



DRS-4R

- Straight type drill
- Attachable the 3/8" drill chuck
- Easy control of rotation direction using a rotation control button

Model	Capacity		Max. power		Cutting speed	Tip	Max.free speed	Length		Weight		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	Fillet ('R)	Min.radius ('R)	HP	W				in	mm	lb	kg	in	ft³/min	m³/min		PSI	kg/m²
DAC-3TQ DAC-3TQA	3.0mm	17mm	1.4	1,044	2~3	3	8,500	10.4	265	6.17	2.8	PT 3/8	31.78	0.9	90	85	6
DAC-3T	3.0mm	17mm	0.7	522	2~3	3	10,000	10.2	260	7.49	3.4	PT 1/4	21.10	0.6	95	85	6

Model	Capacity (Drill size)		Max. free speed	Spindle thread	Length		Weight		Thread air inlet	Hose size (Outer-Inner)	Average air consumption		Noise	Recommended air pressure	
	in	mm			in	mm	lb	kg			ft³/min	m³/min		PSI	kg/m²
DR-8RH	3/8	10	1,500	3/8	7.08	180	2.64	1.2	PT 1/4	10-8	21.18	0.6	83	85	6
DRS-4R	1/4	6.35	1,400	3/8	8.85	225	1.32	0.6	PT 1/8	8-5	10.50	0.3	83	85	6

Chipping Hammer & Needle Scalers

New product development and quality improvement based on accumulated technology

Chipping Hammer & Needle Scalers

Easy operation with excellent performance for removing the scales. High power for tool weight. Musculoskeletal disorder prevention by minimizing vibration.

Scan the QR code
To Send a New Inquiry



DCH-24

- High power with even light weight
- Widely used for removing the scales after welding, sanding after casting, and cutting process



DNH-16

- High power with light weight
- Shock absorbing rubber covered
- Widely used for removing the scales after welding, sanding after casting, and cutting process

Model	Chisel shank	Blow	Length		Weight		Thread air inlet	Average air consumption		Noise	Recommended air pressure	
	mm	b/min	in	mm	lb	kg	in	ft ³ /min	m ³ /min	db	PSI	kg/m ²
DCH-24	10	4,000	6.81	173	1.76	0.8	PT 1/4	7.06	0.2	95	85	6
DNH-16	Ø3.0x180	6,000	7.87	200	2.07	0.94	PT 3/8	5.65	0.16	88	85	6

Parts

This is a description of Aluminum Pad, Various Anvils & Hammers, Air Regulator, and Oil for air tools used with the product.

Scan the QR code
To Send a New Inquiry



Aluminium Pad

- Usable 4" or 7"
- Long lifetime and safety
- More strenght compared to the plastic pad
- Sustain the sand papers for painting pre-process

Various Anvils & Hammers

- Strong power with long durability

Air Regulator

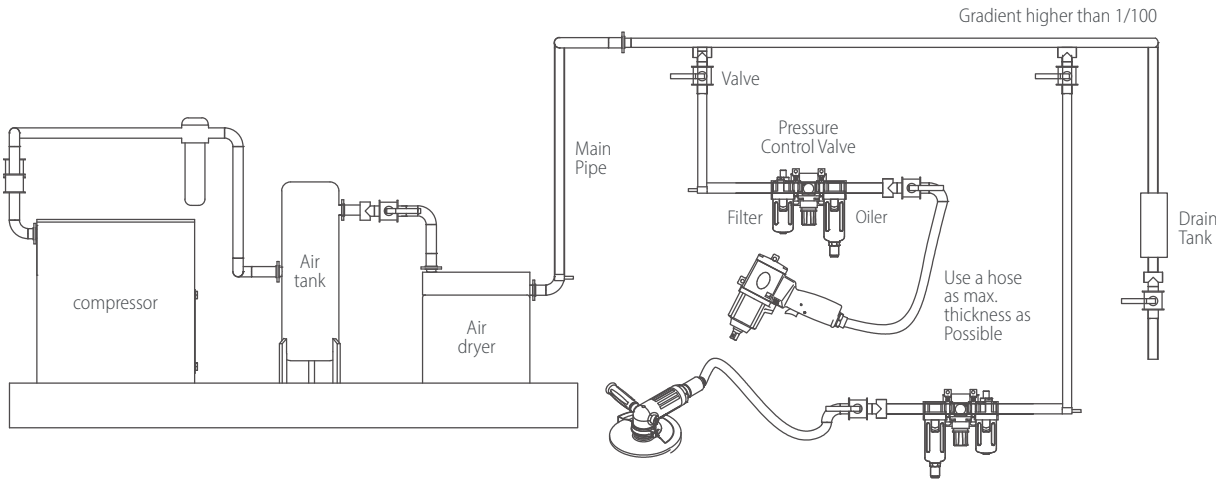
- Control : 1~4 stages
- Control the air flowrate depending on the output
- Easy operation because of selecting the air flowrate according to the operation condition

Oil for air tools

- Keep the maximum power and extend air tools lifetime
- Lubricants for long lifetime, anti-rust and easy operation
- Removing the sludge causing the speed down and power reduction

Recommended arrangement of air piping

⚠ Fatal defects or malfunction of air tools are caused by the air that includes moisture within the pipings

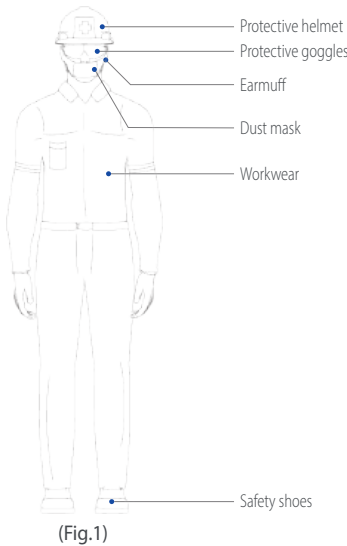


Safety Instructions For Users Of Daewoo Air Tools

Safety first! In order to use air tools properly and safely, should read carefully and understand this instruction this instruction before operation. Keep this instruction manual at a best place near the working area for reading and referring before operation. Be careful not to remove the warning labels attached at air tools.

WEAR CLOTHING AND PROTECTORS

- Wear the proper clothing for safe operation(Fig.1)
- Not to wear loose clothing because the RPM of air tools is very high
- Wear a safety cap to cover all of the hairs
- Wear a safety eyeglasses, which should be consisted of an impact proof lens
- Wear a mask for protecting against the dust and particles which are generated during the operation and which are harmful for your health
- Wear an ear protector to reduce the noise and preserve your hearing ability
- Wear a safety shoes
- Take a time for relax when operators are tired
- No touch to the rotatung wheel. (Fig. 1)



WORKING AREA AND ENVIRONMENT

- Keep working area clean and be careful not to slip by the oil or something like that
- Keep out flammable or explosive liquids or gaseous, they cause to fire by the spark generated during operation
- Do not operate in the explosive atmosphere which is likely to blow up
- According to the operating condition, noise or vibration is generated.
- Be sure that it conforms all the local regulations
- When the working place is changed, move after stopping operation and disconnecting with the hoes

MAINTENANCE AND CHECK

- Keep air tools clean and safely after using them
- When air tools need repair, air tools should be checked by the manufacturer or the licensed agent, Repairing by the operator causes of failure and serious damage to the operator
- When replace parts, should use the approved parts by the manufacturer. Other parts cause of failure and serious damage to the operator and the machine
- When need any special tools for dis- or re-assembly of air tools, inquire to the licensed agent or manufacturer
- Vent the pressurized air out for purification from the air tank everyday and mount air filter at the tank inlet against the acidify process in inner parts and the abrasion by the high RPM
- Do not use improper or broken hoses or connectors

DISPOSAL

- Air tools consist of steel, iron, bronze, aluminium, rubber or some others. Be careful not to contaminate humans or environment when air tools are disposed

Memo & Notes

PROPER OPERATION

- Be sure that the air pressure is supplied at the rate pressure Be sure that materials are tighten up before operation. If not, grinders would be broken by the vibration and it is very dangerous
- When attach the accessories at the tools, check the attached state.
- When handle air tools' parts, be careful not to touch the sharp edge
- Never use a grinder wheel which are too much abrasive, broker, twisted, defective etc. Broken parts of grinder during operation are very dangerous to machines as well as operators
- When replace the grinder wheel, be sure that the air hose is disconnected with the air tool
- Operate in proper and comfortable posture, instable and improper posture would be caused of pain to operators' hand, foot or waist.
- Do not add strong shock to air tools and do not drop down or throw away them, which are assembled with precision parts. Strong shock causes of failure by the broken and twisted parts.
- Do not use air tools at the abnormal operation.
- Be sure that operation is under the air tools' capacity.
- Do not use air tools for other purposes except instructed.