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# DAEWOO AIR TOOLS



**YANGSAN MACHINERY CO.,LTD**

[www.ysm24.com](http://www.ysm24.com)

# Dear customers,

Taking this opportunity, we would like to extend our sincere gratitude to our customers.

We'd like to appreciate for using DAEWOO AIRTOOLS, which are widely used in the Shipbuilding, Automobile, Electronic Industries, etc. Thanks to our customers' firm interests in our products and also their encouragement, we could have kept a top brand in Korea and a world-wide good reputation in abroad since 1982 and forwarding new technology which lead to improve the quality of products constantly.

For our customers' profit, we will devote our energies to develop new technologies and high quality products. Moreover, we will do our best to contribute our products for constructing better society for next generation.

Faithfully yours  
2009.2.1  
DAEWOO AIR TOOLS

## AIR TOOLS

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;

### • 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

### • Piston Type

The highly compressed air pushes the pistons within the cylinder to obtain a reciprocating force.

### • Turbine Type

The impulse force obtained by injecting the highly compressed air in order to rotate a turbine rotor.

## FEATURES

### 1. Strong Power

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

### 2. Excellent Durability

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

### 3. Lightness

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

### 4. Safety

- Low ignition, explosion, electric shock compared to electric tools.



**DAEWOO AIR TOOLS**

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# 7" ANGLE GRINDERS

- Durability of gear is much improved by adapting the air cooling system to remove the heat produced by the friction at the high RPM
- High productivity with the highest power of among the similar class models
- High efficiency and safe operation by over-speed controller (Governor)
- Low operator's fatigue by using a grip covered with the anti-vibration rubber.



## 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-7LG

- Protection from hazard by the safety lever, which controls the operation of air tools
- For overseas Exports



## DAG-70G-1 ( super light type )

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



## DAG-407NP ( super light type )

- Safety Roll type on the Throttle Valve
- Over-speed Controller equipped
- Easy workable with one hand
- Sand paper or 4-5 inch Flap Disk Only

MODEL	CAPACITY (WHEEL SIZE)		MAX FREE SPEED rpm	MAX POWER ps	LENGTH		WEIGHT (WITHOUT WHEEL)		THREAD AIR INLET	AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE	
	In	mm			in	mm	lb	kg		in	ft <sup>3</sup> /min	m <sup>3</sup> /min	PSI
DAG-7SG	7	180	7,600	1,5	10,35	263	7,1	3,2	PT 3/8	38,9	1,1	85	6
DAG-7LG	7	180	7,600	1,5	12,83	326	7,7	3,5	PT 1/4, 3/8	38,9	1,1	85	6
DAG-70G-1	7	180	7,600	1,3	9,48	241	5,22	2,37	PT 3/8	33	0,9	85	6
DAG-407NP	7	180	7,600	1,3	9,48	241	4,49	2,04	PT 3/8	33	0,9	85	6

# 7" ANGLE GRINDERS (LIGHT TYPE)

- More reduced operators' fatigue due to the light type
- 6 and/or 7 inch grinding wheel attachable
- High efficiency and safe operation by the over-speed controller (Governor)
- Low operators' fatigue by using a grip covered with the anti-vibration rubber
- Better operation condition by the silencer



## DAG-6SX

- Silencer ( changeable the exhaust air direction )
- Safety Roll type on the On/Off valve
- Safety by the over-speed controller (Governor)



## DAG-6SX-1

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



## DAG-6LX

- Silencer ( changeable the exhaust air direction )
- Protection from hazard by the safety lever, which controls the operation of air tools
- For overseas Exports

MODEL	CAPACITY (WHEEL SIZE)		MAX FREE SPEED rpm	MAX POWER ps	LENGTH		WEIGHT (WITHOUT WHEEL) kg	THREAD AIR INLET in	AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE	
	in	mm			in	mm			ft <sup>3</sup> /min	m <sup>3</sup> /min	PSI	kg/cm <sup>2</sup>
DAG-6SX	7	180	7,600	1.4	9.92	252	2.83	PT 3/8	33.0	0.9	85	6
DAG-6SX-1	7	180	7,600	1.4	9.92	252	2.83	PT 3/8	33.0	0.9	85	6
DAG-6LX	7	180	7,600	1.4	12.2	315	3.10	PT 1/4 , PT 3/8	33.0	0.9	85	6

# 4" ANGLE GRINDERS

- Heavy or light dual purpose
- Widely using for its capacity at the general operating conditions
- Protection from the vibration by using a grip covered with anti-vibration rubber
- Easy handling, disassembling and reassembling



## DAG-100SP

- Exhaust air direction 90 degree (right-hand side)
- On and Off valve by Roll type



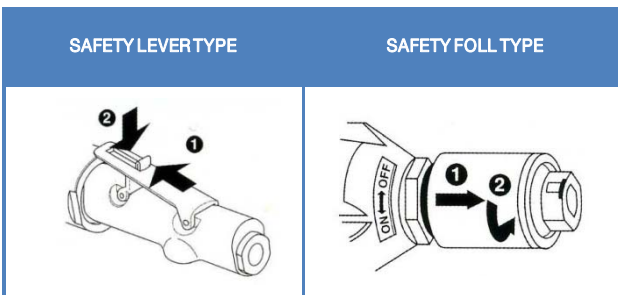
## DAG-100S

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



## DAG-100LP

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



GRINDING WHEEL SIZE FOR WHEEL FLANGE		
Grinder	Wheel Nut Flange O/D	Grinding Wheel Size
4 inch	15,8 mm	100 X 3 X 15,88 mm
6~7 inch	22,0 mm	180 X 3 (6) X 22,23 mm

MODEL	CAPACITY (WHEEL SIZE)		MAX FREE SPEED rpm	MAX POWER ps	LENGTH		WEIGHT (WITHOUT WHEEL)		THREAD AIR INLET in	AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE	
	In	mm			in	mm	lb	kg		ft <sup>3</sup> /min	m <sup>3</sup> /min	PSI	kg/cm <sup>2</sup>
DAG-100SP	4	100	11,000	0,7	8,2	210	3,4	1,55	PT1/4	22	0,6	85	6
DAG-100S	4	100	11,000	0,7	8,2	210	3,4	1,55	PT1/4	22	0,6	85	6
DAG-100LP	4	100	11,000	0,7	8,8	225	3,4	1,55	PT1/4	22	0,6	85	6

# 4" ANGLE GRINDERS (LIGHT TYPE)

- More reduced operators' fatigue due to compact type
- Multi functions such as removing the steel plate edge, welding sludge, rust etc
- Easy operation at the corner due to a not deep protector
- Available a safety grip by the customers' order and high productivity by the options ( exhaust air direction, wheel size, lever type, adaptor etc. )



## DAG-4SX

- Able to one hand operation
- Attachable 4 or 5 inch grinding wheel
- Safety Roll type on the On/Off valve
- Exhaust air direction 45 degree front side
- Available exhaust 90 degree right-hand side
- Available a safety grip and slim protector



## DAG-4SX-1

- Long hand grip with adaptor
- Safety Roll type on the On/Off valve
- Exhaust air direction 45 degree front side
- Available exhaust 90 degree right-hand side
- Available a safety grip and slim protector



## DAG-5PH

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



## DAG-5LX / DAG-4LX

- Attachable 4 or 5 inch grinding wheel
- Protection from hazard by the safety lever
- Easy operation at the corner with a slim protector
- Exhaust air direction 45 degree front side
- For overseas Exports

MODEL	CAPACITY (WHEEL SIZE)		MAX FREE SPEED rpm	MAX. POWER ps	LENGTH in	HEIGHT mm	WEIGHT (WITHOUT WHEEL) kg	THREAD AIR INLET in	AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE		ADAPTOR O / X	ON-OFF THROTTLE	EXHAUST DIRECTION
	in	mm							ft <sup>3</sup> /min	m <sup>3</sup> /min	PSI	kg/cm <sup>2</sup>			
DAG-4SX	4	100	11,000	0.7	184	87.5	1.44	PT1/4	23.8	0.65	85	6	X	SAFETY ROLL	45° FRONT
DAG-4SX-1	4	100	11,000	0.7	210	87.5	1.5	PT1/4	23.8	0.65	85	6	O	SAFETY ROLL	45° FRONT
DAG-5PH	5	125	8,400	0.7	184	87.5	1.44	PT1/4	23.8	0.65	85	6	X	SAFETY ROLL	45° FRONT
DAG-5LX	5	125	11,000	0.7	225	87.5	1.42	PT1/4	23.8	0.65	85	6	O	SAFETY LEVER	90° RIGHTSIDE
DAG-4LX	4	100	11,000	0.7	225	87.5	1.42	PT1/4	23.8	0.65	85	6	O	SAFETY LEVER	90° RIGHTSIDE

# DIE GRINDERS

- High durability and widely used because its easy disassembling and reassembling
- Easy operation due to small and light weight and low operation fatigue due to the comfortable grip structure
- Covered with an anti-vibration and anti-coldness



## DG-38L / DG-38S

- Light duty operation such as a polishing, burr removing etc.
- Available 3,0 mm shaft assembled with various carbonated tools by a special Bushing



## DGL-38L / DGL-38S

- Easy operation to the corner or deep place by its extended spindle
- Available 3,0 mm shaft assembled with various carbonated tools by a special Bushing



## DG-38LS / DGL-38LS

- Protection from hazard by safety lever
- Available 3,0 mm shaft assembled with various carbonated tools by a special Bushing

## LOW NOISE DIE GRINDER



## DGS-38L / DGS-38S

- Due to a silencer installed, noise controlled
- Less than 90dB
- 20% noise-reduced
- Suitable for inside-working

MODEL	CAPACITY (COLLET SIZE)		MAX FREE SPEED rpm	LENGTH		WEIGHT (WITHOUT WHEEL)		THREAD AIR INLET	AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE	
	in	mm		in	mm	lb	kg		in	ft <sup>3</sup> /min	m <sup>3</sup> /min	PSI
DG-38L	-	6	25,000	6,45	164	1,32	0,57	PT1/4	10,7	0,3	85	6
DG-38S	-	6	25,000	6,45	164	1,32	0,57	PT1/4	10,7	0,3	85	6
DGL-38L	-	6	25,000	12,99	330	2,09	0,92	PT1/4	10,7	0,3	85	6
DGL-38S	-	6	25,000	12,99	330	2,09	0,92	PT1/4	10,7	0,3	85	6
DG-38LS	-	6	25,000	6,45	164	1,32	0,57	PT1/4	10,7	0,3	85	6
DGL-38LS	-	6	25,000	12,99	330	2,29	0,92	PT1/4	10,7	0,3	85	6
DGS-38L	-	6	22,000	6,45	164	1,32	0,57	PT1/4	10,7	0,3	85	6
DGS-38S	-	6	22,000	6,45	164	1,32	0,57	PT1/4	10,7	0,3	85	6



# DIE GRINDERS (HIGH POWER, ROTARY BURR)

- Heavy duty operation due to the high power
- High precision parts operation due to the low vibration
- Covered with an anti-vibration and anti-coldness



## DG-38RS / DG-38RS-1

- Low vibration due to its reinforced rotor shaft diameter (8mm ->9 mm)
- For rotary burr tools use



## DG-50L / DG-50S

- High durability for carbonated rotary burr tool
- Low vibration due to its precision concentricity



## DSG-25HC

- Collet type ( 6 mm or 8 mm adaptable )
- Easy operation at the corner or deep place



## DSG-25HW

- Grinding wheel type ( 2,5 inch grinding wheel )
- High speed and surface processing performance



## DSG-25C

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



## DSG-25W

- 2,5 inch grinding wheel type
- Light and powerful performance
- Over-speed controller (Governor) equipped

MODEL	CAPACITY (COLLET OR WHEEL SIZE)		MAX FREE SPEED rpm	LENGTH		WEIGHT (WITHOUT WHEEL)		THREAD AIR INLET In	AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE	
	In	mm		in	mm	lb	kg		ft <sup>3</sup> /min	m <sup>3</sup> /min	PSI	Kg/cm <sup>2</sup>
DG-38RS	-	6	25,000	6.45	164	1.47	0.67	PT1/4	10.7	0.3	85	6
DG-38RS-1	-	6	25,000	7.38	187.5	1.69	0.73	PT1/4	10.7	0.3	85	6
DG-50L	-	6 or 8	20,000	7.87	200	1.63	0.74	PT1/4	17.8	0.3	85	6
DG-50S	-	6 or 8	20,000	7.87	200	1.67	0.76	PT1/4	17.8	0.3	85	6
DSG-25HC	-	6 or 8	18,000	11.88	302	3.17	1.44	PT1/4	22	0.3	85	6
DSG-25HW	2.5	63.5	9,500	10.86	276	3.17	1.44	PT1/4	22	0.3	85	6
DSG-25C	-	6 or 8	18,000	12.99	330	2.20	1.00	PT1/4	22	0.3	85	6
DSG-25W	2.5	63.5	9,500	12	305	2.60	1.10	PT1/4	22	0.3	85	6

# MICRO GRINDERS

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

## TURBINE TYPE MICRO GRINDER



### DT-1000

- Small size and Multi-stage axial turbin system
- Super high speed (100,000 rpm)
- High durability because of no friction between each part
- Good performance with high power
- Low trouble due to smooth On/Off valve
- Front exhaust

## PENCIL GRINDER



### DMG-3BSA

- Long lifetime and pleasant operation condition with a silencer
- Good operation with the strong power
- Low operators fatigue
- Rear exhaust

MODEL	CAPACITY (COLLET SIZE)	MAX FREE SPEED	LENGTH	WEIGHT (WITHOUT WHEEL)		THREAD AIR INLET	AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE	
	mm	rpm	mm	lb	Kg	In	ft <sup>3</sup> /min	m <sup>3</sup> /min	PSI	Kg/cm <sup>2</sup>
DT-1000	3	100,000	145	0.55	0.25	PT 1/8	7.1	0.2	85	6
DMG-38SA	3	65,000	182	0.25	0.11	PT 1/8	7.1	0.2	85	6

# IMPACT WRENCHES

- Easy operation and short rising time to the rate RPM with light weight
- High productivity due to the ergonomic grip for operator
- Widely used in the field of automobile or motorcycle assembly line and electric home appliances

## 3/4" IMPACT WRENCH



### DIW-19P

- Good performance on the maintenance of commercial vehicles or heavy duty machines
- Installed the flow regulator
- Highest power among the same class models
- Easy maintenance due to the easy disassemble and reassemble
- Single hammer type

## 1/2" IMPACT WRENCH



### DIW-14N

- 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
- Highest output power among the same class vehicle maintenance tools even the smallest and lightest
- Multi- stage trigger type
- Upgraded to DIW-14P
- Strengthen unfasten function compare to fasten

MODEL	HEX SIZE		BOLT SIZE	MAX TORQUE	FREE SPEED	LENGTH		WEIGHT	THREAD AIR INLET	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE	
	mm	in	size	Kg · m	rpm	mm	in	kg	PT or NTP	m <sup>3</sup> /min	PSI	Kg/cm <sup>2</sup>
DIW-19P	19	3/4	M18-M22	70	5,500	230	9	4	1/4	0,9	85	6
DIW-14N	12,7	1/2	M12-M16	54	7,200	184	7	2,6	1/4	0,7	85	6

# 1/2" IMPACT WRENCHES



**DIW-13P (1/2 inch)**

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



**DIW-8PA (1/2 inch)**

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



**DIW-8P (3/8 inch)**

- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Short rising time with double hammer type

MODEL	HEX SIZE		BOLT SIZE	MAX TORQUE	FREE SPEED	LENGTH		WEIGHT	THREAD AIR INLET	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE	
	mm	in	size	Kg · m	rpm	mm	in	kg	PT or NTP	m <sup>3</sup> /min	PSI	Kg/cm <sup>2</sup>
DIW-13P	12,7	1/2	M12-M16	68	4,800	202	7,95	2,8	1/4	0,4	85	6
DIW-8PA	12,7	1/2	M8-M10	38	7,500	160	6,29	1,6	1/4	0,4	85	6
DIW-8P	9,5	3/8	M8-M10	38	7,500	160	6,29	1,6	1/4	0,4	85	6

# 3/8" IMPACT WRENCHES



## DIW-6SA2

- High performance due to the light and compact
- Easy handling grip for operator
- Specially used in field of automobile & motorcycle assembly line or maintenance
- Double hammer type



## DIW-6C2

- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Easy operating at the corner or edge inside
- Double hammer type



## DIW-6P2

- Specially used in the field of automobile assembly line
- Short rising time with double hammer type
- High productivity due to the light, compact and easy handling grip for operator



## DIW-5P

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

MODEL	HEX SIZE		BOLT SIZE	MAX TORQUE	FREE SPEED	LENGTH		WEIGHT	THREAD AIR INLET	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE	
	mm	in	size			Kg · m	rpm				mm	in
DIW-6SA2	9,5	3/8	M5-M8	13	7,000	165	6,49	1,0	1/4	0,3	85	6
DIW-6C2	9,5	3/8	M5-M8	6	7,500	216	8,5	1,0	1/4	0,3	85	6
DIW-6P2	9,5	3/8	M5-M8	21	8,000	168	6,61	1,1	1/4	0,3	85	6
DIW-5P	9,5	3/8	M5-M8	17	9,000	175	6,88	0,9	1/4	0,3	85	6

# IMPACT DRIVER



## DID-6SA3

- Easy handling grip type for operator
- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Short rising time with double hammer type
- Quick changeable driver anvil



## DID-6P3

- Specially used in the field of automobile & motorcycle assembly line
- Short rising time with double hammer type
- Quick changeable driver anvil
- Double hammer type



## DID-5P3

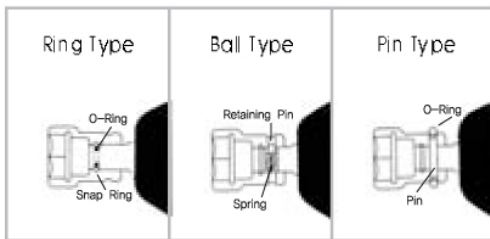
- High performance due to the light and compact type
- Controllable the rotation direction by one hand
- Two stage trigger control RPM
- Quiet operation with a silencer
- Quick changeable driver anvil
- Double hammer type

BIT	APPLICATION
	DID-4S, DID-4H, DID-5P3, DID-6P3, DID-6SA3
	DS-4,5L, DS-5L, DS-5LH
	DS-4L, DS-4TS-10, DS-4TL-10

MODEL	BIT SIZE		BOLT SIZE	MAX TORQUE	FREE SPEED	LENGTH		WEIGHT	THREAD AIR INLET	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE	
	mm	in	size	Kg · m	rpm	mm	in	kg	PT or NTP	m <sup>3</sup> /min	PSI	Kg/cm <sup>2</sup>
DID-6SA3	6,35	1/4	M5-M8	13	7,000	175	7	1,0	PT 1/4	0,30	85	6
DID-6P3	6,35	1/4	M5-M8	21	8,000	178	7	1,1	PT 1/4	0,30	85	6
DID-5P3	6,35	1/4	M5-M8	17	9,500	175	7	0,94	PT 1/4	0,30	85	6

# IMPACT DRIVER

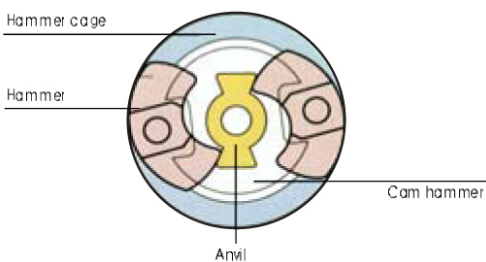
## SOCKET RETAINING METHOD



- Pin type : DIW-6C2
- Ring type : DIW-14N
- Ball type : DIW-5P, DIW-6P2, DIW-6SA2, DIW-8P, DIW-8PA, DIW-13P, DIW-19P

Note) ALL 3 TYPES OF ANVILS ARE AVAILABLE BY CUSTOMER'S NEED

## DOUBLE HAMMER MECHANISM



- High productivity is obtained due to twice hammering a shaft rotation, which makes short operation time and widely uses on the fastening process

## STRAIGHT IMPACT DRIVER



### DID-4S

- High productivity due to the light and compact
- Easy handling grip type for operator
- Short rising time with double hammer type
- Specially used in the field of home electric appliances assembly line etc.
- Mounted a flow regulation valve



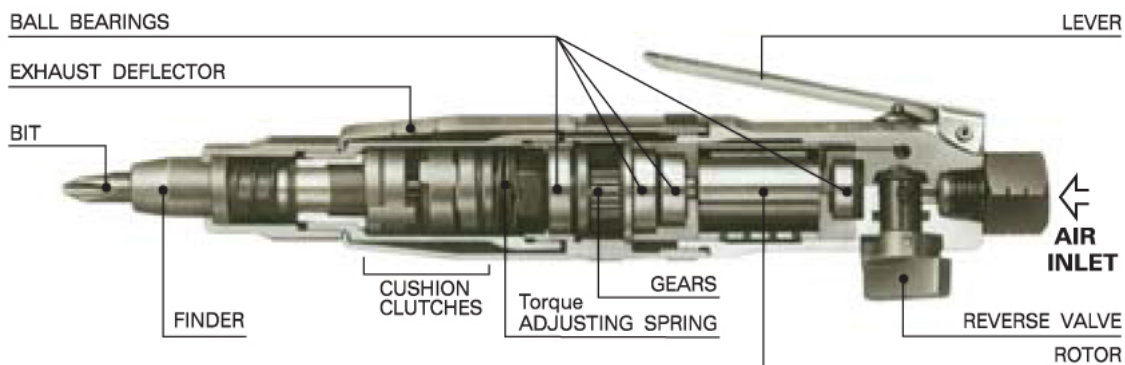
### DID-4H

- Short rising time with double hammer type
- Easy handling grip type for operator
- Specially used in the field of home electric appliances assembly line
- Quick and easy changeable driver anvil

MODEL	BIT SIZE		BOLT SIZE	MAX TORQUE	FREE SPEED	LENGTH		WEIGHT	THREAD AIR INLET	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE	
	mm	in	size	Kg · m	rpm	mm	in	kg	PT or NTP	m <sup>3</sup> /min	PSI	Kg/cm <sup>2</sup>
DID-4S	6,35	1/4	M4-M6	3	9,500	187	7,5	0,83	PT 1/4	0,30	85	6
DID-4H	6,35	1/4	M4-M6	3	9,500	184	7,2	0,77	PT 1/4	0,30	85	6

# AIR SCREW DRIVERS (NORMAL TYPE)

- Low operator's fatigue due to compact, easy handling and comfortable grip
- Easy torque control depending on the operation condition
- Quick and easy changeable bit driver anvil



## DS-4L

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



## DS-5L

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

MODEL	BIT SIZE	FREESPEED	TORQUE	LENGTH		WEIGHT (without bit)		THREAD AIR INLET	HOSE SIZE		AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE
	mm	rpm	Kg - cm	in	min	lb	kg	PT or NTP	in	mm	m <sup>3</sup> /min	Kg/cm <sup>2</sup>
DS-4L	5	2,000	10-25	7	196	1,32	0,6	1/4	1/4	6,35	0,2	5
DS-5L	6,35	1,400	20-40	10	258	2,42	1,1	1/4	1/4	6,35	0,2	5



# AIR SCREW DRIVERS (SPECIAL TYPE)

- Low customer's need due to compact, easy handling and comfortable grip
- Easy torque control depending on the operation condition
- Quick and easy changeable bit driver anvil



## DS-4TS-10

- Easy and quick control of rotation direction
- Providing a firm torque because the auto shut-off clutch shuts down the air supply when a set torque is accomplished
- Specially used in the precision fastening process
- Quick changeable bit driver anvil
- Available 5 or 6.35 mm bit according to the customer's need



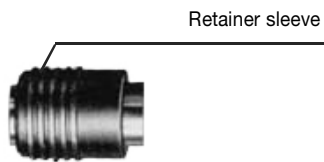
## DS-4TL-10

- Easy and quick control of rotation
- For one direction use, push down and fix 1/3 of reverse valve
- Specially used in the precision fastening process
- Smooth and silky operation with the cushion clutch
- Quick changeable bit driver anvil
- Available 5 or 6.35 mm bit according to the customer's need

### TORQUE CONTROL BY THE NUT ADJUST



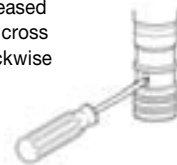
### QUICK-CHANGE DRIVER ANVIL 1/4" (6.35mm) Hex



- Bit changeable by pulling forward retainer sleeve

### TORQUE CONTROL

- Torque is increased by turning the cross type diver clockwise



### TORQUE CONTROL

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



MODEL	BIT SIZE	FREE SPEED	TORQUE	LENGTH		WEIGHT (without bit)		THREAD AIR INLET	HOSE SIZE		AVERAGE AIR CONSUMPTION	RECOMMENDED MAINTENANCE CONSUMPTION
	mm	rpm	Kg - cm	in	mm	lb	kg	PT or NTP	in	mm	m <sup>3</sup> /min	Kg/cm <sup>2</sup>
DS-4TS-10	5 or 6.35	1,200	5-20	9.4	240	1.4	0.6	1/8	1/4	6.35	0.32	6
DS-4TL-10	5 or 6.35	1,200	5-30	9.4	240	1.4	0.6	1/8	1/4	6.35	0.32	6

# EDGE CUTTERS

- Reduced operator's fatigue due to easy handling and light weight
- Easy moving along the surface of material and applied to materials bigger than  $\varnothing$  34mm to trim the edge
- High productivity and efficient operation



## DAC-3TQ

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



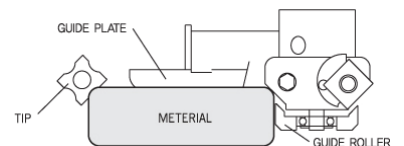
## DAC-3T

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



## DC-3TA

- One touch operation type without using a gear
- High torque without vibration
- Short rising time, easy handling and light weight



MODEL	CAPACITY		MAX POWER	CUTTING SPEED	TIP	FREESPEED	LENGTH	WEIGHT	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE	THREAD AIR INLET
	Fillet (R & C)	Minimum Radius (R)									
DAC-3TQ	1~4.5mm	17mm	1,4	m / min	EA	r.p.m	mm	kg	m <sup>3</sup> /min	Kg/cm <sup>2</sup>	inch
DAC-3T	1~4.5mm	17mm	0,7	2~3	1~3	8,000	270	2,8	0,32	6	PT1/4
DAC-3T	1~4.5mm	17mm	0,7	2~3	1~3	10,000	214	3,4	0,32	6	PT1/4
DC-3T	1~4.5mm	17mm	0,7	2~3	1~3	7,000	172	3,6	0,32	6	PT1/4

# AIR DRILL, RATCHET WRENCH, CHIPPING HAMMER, NEEDLE SCALER



## DR-8R2

- Attachable the 3/8" drill chuck
- One hand control of rotating direction using a reverse lever



## DRS-4R

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

MODEL	CAPACITY (DRILL SIZE)		FREE SPEED	SPINDLE THREAD	LENGTH		WEIGHT		THREAD AIR INLET	HOSE SIZE		AVERAGE AIR CONSUMPTION		RECOMMENDED AIR PRESSURE	
	mm	Inch			r.p.m	inch	mm	Inch		lb	kg	mm	Inch	ft <sup>3</sup> /min	m <sup>3</sup> /min
DR-8R2	10	3/8	1,800	3/8	200	7	1,1	2,4	1/4	9,5	3/8	10,7	0,3	85	6
DRS-4R	6	1/4	2,500	3/8	225	8	0,6	1,3	1/8	6,35	1,4	10,7	0,3	85	6

## RATCHET WRENCH



## DRW-13A

- Easy control of rotation direction
- Long-term durability at the head parts

MODEL	HEX SIZE		BOLT SIZE	MAX TORQUE	FREE SPEED	LENGTH		WEIGHT		THREAD AIR INLET	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE	
	Mm	in				size	Kg.m	r.p.m	mm			Inch	kg
DRW-13A	12,7	1/2	M10 ~M14	5	150	254	10	1,15	2,5	PT1/4	0,3	85	6

## CHIPPING HAMMER, NEEDLE SCALER



## DCH-24 / DNH-16

- Widely used for removing the scales after welding, sanding after casting and cutting process
- Short rising time and high power even light weight

MODEL	CHISEL	BLOW	WEIGHT	LENGTH	AVERAGE AIR CONSUMPTION	RECOMMENDED AIR PRESSURE
DCH-24	10,0 mm	4,000 b/min	0,80 kg	164 mm	0,12 m <sup>3</sup> /min	6 kg/cm <sup>2</sup>
DNH-16	3,0 * 180 mm	6,000 b/min	0,94 kg	200 mm	0,16 m <sup>3</sup> /min	6 kg/cm <sup>2</sup>



## **DAEWOO AIR TOOLS**

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