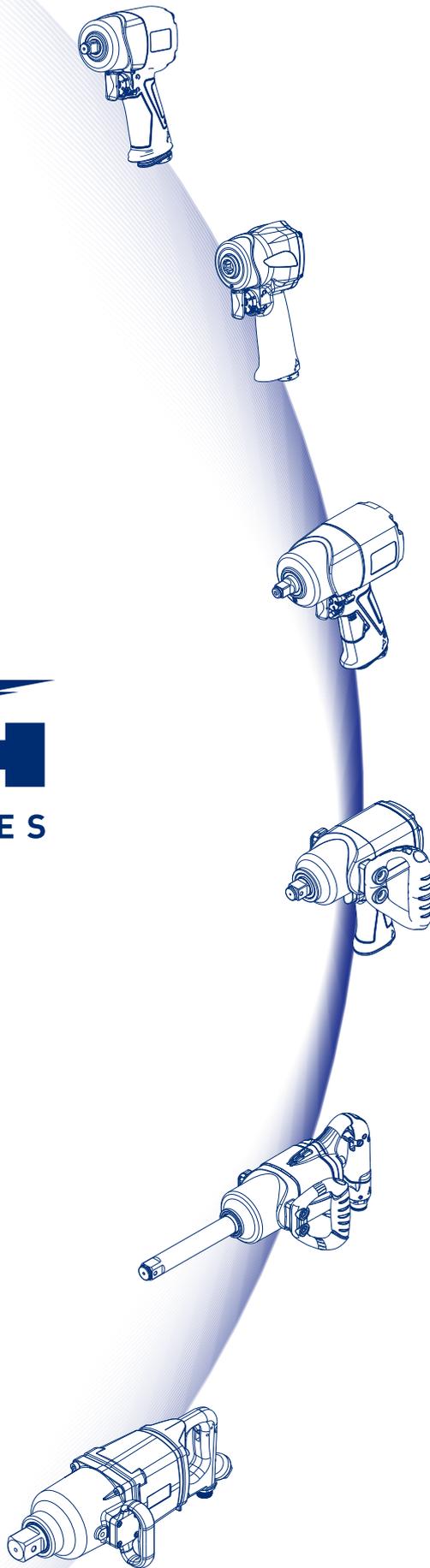


APACH
BUILDING FUTURES



FOCUS! CORE! BUILDING FUTURES!

Apach Industrial's humble beginnings trace back to 1993 in Taichung, Taiwan, a city known worldwide for its machining and tool-making expertise. Superior technology in metals and CNC machining, combined with a strong Taiwanese supply base, has made this region thrive with quality manufacturers of pneumatic and power tools. Building upon this industrial foundation, APACH integrates Taichung's advanced CNC machining technology into its own production and R&D processes. By combining precision manufacturing techniques with continuous innovation, and working closely with local machining experts and suppliers, APACH ensures that every tool is engineered with accuracy, durability, and efficiency. This synergy between advanced technology and in-house innovation has allowed APACH to rapidly develop, test, and refine products that meet the evolving demands of global industries—reinforcing its competitive edge and reputation for excellence.

APACH meticulously designs each of its air impact wrenches and insists on strict durability testing of all key components and parts, as well as rigorous pre-delivery inspections of finished products. Just like the Apache Indians, who are physically strong and capable, APACH's products are durable and able to withstand harsh working environments. As a result, APACH is highly recognized and sought after by professionals worldwide. Today, APACH is a globally known brand.

APACH offers a complete product line to meet customers' needs, including a full range of air impact wrenches, air sanders, air screwdrivers, other pneumatic tools, torque wrenches and other hand tools as well as accessories. These are ideal for use in industries such as automotive, motorcycle, workshop, agricultural machinery, and marine applications. With a powerful R&D team and extensive collaboration experience with international brands, the company can customize or develop special-purpose tools tailored to **OEM** and **ODM** requirements. APACH also values client feedback and strives to manufacture products that better fit users' needs.

Further product information can be found on APACH's website: www.apach-tools.com.

Driven by a strong commitment to innovation, learning, and teamwork, APACH continues to launch new products to meet customers' special requirements, pays close attention to customer feedback, and provides speedy, responsive services. This globally prestigious brand is one you can trust.



Common Applications



Motorcycle



Automotive



Truck



Agriculture
Machine



Boat



Structure,
Railway

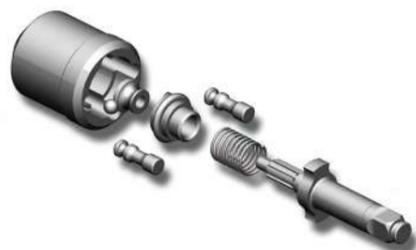


Industry,
Assembling Line

CONTENT

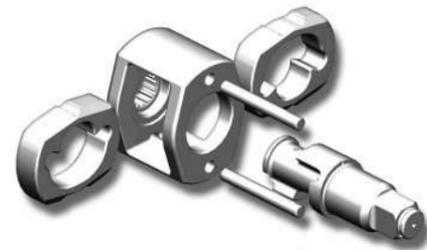
◦ <i>Patented Product</i>	1
◦ <i>Top-Selling & New Air Impact Wrench</i>	5
◦ <i>Air Impact Wrench</i>	8
◦ <i>Air Screwdriver</i>	17
◦ <i>Air Ratchet Wrench</i>	19
◦ <i>Air Die Grinder</i>	21
◦ <i>Air Angle Grinder & Other Air Tools</i>	23
◦ <i>Air Sander & Mesh Sanding</i>	25
◦ <i>Air Spray Gun</i>	27
◦ <i>Air Blow Gun</i>	33
◦ <i>Air Hydraulic Riveter / Nut Tools</i>	35
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◦ <i>Patented Hand Tool Set</i>	41
◦ <i>Accessories & Sockets</i>	45
◦ <i>Hammer</i>	47

INSTRUCTION



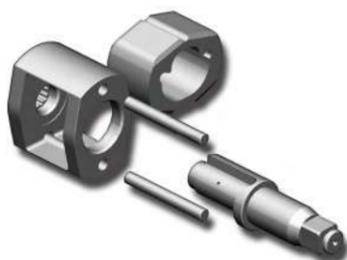
Pin Clutch Hammer Mechanism

- Extremely stable and smooth torque during operation
- Lower noise, less vibration
- Exceptional durability, easy to service
- For automotive service work and better for assembly lines
- One cycle, spring with drive cam & base and two hammer pins



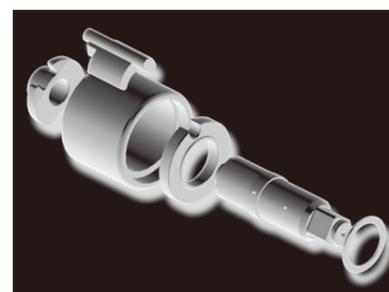
Twin Hammer Mechanism

- High torque when starting with good continuity
- Endurable impact with consistent torque for long time work
- Quick loosening and tightening for superior performance
- Constructed with precision components and impact mechanism
- One cycle, two hammers



Jumbo Hammer Mechanism

- Balanced, stable, and smooth torque during operation
- Exceptional durability and long life, easy to service
- Suitable for light duty automotive service work
- No accidental starting without hurts to the bolts.
- One cycle, one hammer.



Pinless Hammer Mechanism

- One body structure impact mechanism by way of hammer bar and hammer dog
- Endurable and heavy-duty impact mechanism
- An instant blow of strong torque
- Ideal for heavy work
- One cycle, one hammer.



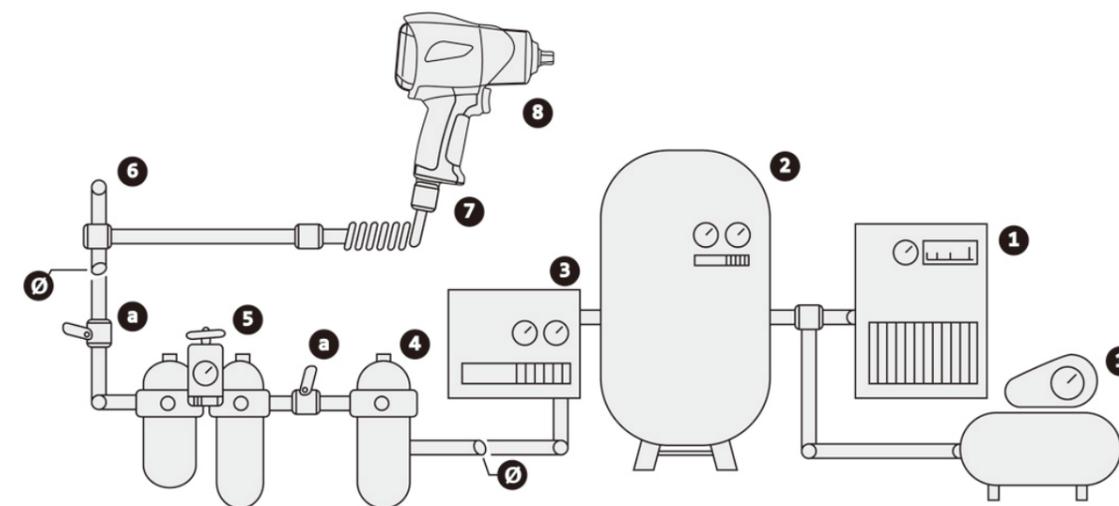
Two Hammer Mechanism

- Instantaneous high torque with stability.
- Constructed with precision components and impact mechanism.
- Quick loosening and tightening for superior performance.
- Ideal for automotive service work and assembly lines.
- One cycle, two hammers.



Rocking Dog Hammer Mechanism

- Medium torque without torque of accidental starting
- Suitable for removing and tightening applications of automotive service work
- Simpler impact mechanism, easy to service
- Better for DIY users and non-professional assemblers
- One cycle, one hammer.



Air line chart & Air Diagram

- | | |
|-------------------|----------------------------------|
| 1. AIR COMPRESSOR | 5. FILTER REGULATOR / LUBRICATOR |
| 2. AIR TANK | a. SHUT-OFF COCK |
| 3. AIR DRYER | 6. DAILY WATER DRAIN |
| 4. OIL FILTER | 7. PRESSURE CHECK POINT |
| a. SHUT-OFF COCK | 8. AIR TOOLS |

Tool maintenance & safety instruction

- Always keep the air pressure at 90psi (6.3kg/cm²)
- Use proper sockets, couplers, nipples, air hose (don't over 8 feet), pipes and fitting.
- Check the condition of air line accessories, and drain out the water from the separators and air line to keep the air supply system clean and dry.
- Check the quick change couplers is in secure connection and in good order.
- Keep the tools properly lubricated to prevent wear and rust.
- Be sure to fill in SAE#10 Lubricating oil into the air inlet before and after using air tools.
- Always use gloves, safety goggles or face shield and ear protector when operating air tools.
- Never wear loose clothing that might get caught in the tool and cause injuries.
- When installing whip hoses or quick coupler directly into the tool, use a liquid pipe sealant to prevent damage to the housing.
- When tools are not in using, clean and lubricate them, then store in a clean and dry place

AW050J / AW050H / AW070E

Interchangeable Anvil 1/2" & 3/8" Air Impact Wrench

Twin Hammer



Anvil Changeable:
3/8" Dr. & 1/2" Dr.



Super Short
Special Impact Socket Design



Magnetic Design:
Super Short Bit Attachable



Extension Bar Attached to
Increase Length Easily



8 & 10 Bit Holder Attachable



AW050J



	AW050J
Square Drive	1/2"
Bolt Capacity	3/4" (M19)
Avg/ Air Con.	5 CFM (142 L/min)
Air Inlet	1/4"
Air Pressure	90 PSI (6.2 Bar)
Hose Size I.D.	3/8"
Working Torque	500 FT-LB/770 N.m.
Max. Torque	650 FT-LB/881 N.m.
Free Speed	8000 RPM
Overall Length	127 mm (5")
Net Weight	1.43 Kg (3.37 LB)

Jumbo Hammer

Patent



- Mechanism: Jumbo Hammer
- Highest durable Japanese steel anvil
- Handle exhaust
- One hand operation for Forward & Reverse : 3 positions for each side
- Replaceable anvil design for multiple functions :
 - Impact socket (17, 19, 21mm) & Extension bar: 14mm
 - Adapter anvil of 3/8" Dr. & 1/2" Dr.
 - Bit holder : 8 & 10mm
 - H14 & T60 (magnetic design)
- Short Length: only 3.38" allows to easily access in cramped spaces
- Powerful torque with low noise (muffler option)



AW050H



Twin Hammer

2 Patents

1. Interchangeable Anvils :
3/8", 1/2" (3/4" will be available)
2. Side to Side Switch (Forward-Reverse)

Experience Easy One-Handed Operation



Use Your Forefinger
to Push Back



Use Your Thumb
to Push Up



AW070E



	AW050H	AW070E
Square Drive	1/2"	1/2"
Bolt Capacity	5/8" (M16)	7/8" (M24)
Avg/ Air Con.	4.0 CFM (113 L/min)	5.48 CFM (155 L/min)
Air Inlet	1/4"	1/4"
Air Pressure	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)
Hose Size I.D.	3/8"	3/8"
Working Torque	400 FT-LB/542 N.m.(5 Sec.)	600 FT-LB/813 N.m.
Max. Torque	600 FT-LB/813 N.m.	800 FT-LB/1085 N.m.
Free Speed	9000 RPM	8500 RPM
Vibration	11.6 m/s ²	-
Sound Pressure	96.5 Dba	-
Overall Length	86 mm (3.38")	159 mm (6.26")
Net Weight	1.35 Kg (2.98 LB)	1.85 Kg (4.08 LB)
Packing	6 Sets/15.55Kg/16.60kg/1.3'	-

AW070D 1/2" Composite Air Impact Wrench

▲ Patent 

◦ Side to Side Switch (Forward-Reverse)

Experience Easy One-Handed Operation



Use Your Forefinger to Push Back



Use Your Thumb to Push Up



Square Drive	: 1/2"
Avg/ Air Con.	: 5.48 CFM (155 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 650 FT-LB/881 N.m.
Max. Torque	: 800 FT-LB/1085 N.m.
Breakaway Torque	: 1500 FT-LB/2033 N.m.
Free Speed	: 8500 RPM
Overall Length	: 159 mm (6.26")
Net Weight	: 1.86 Kg (4.10 LB)

AW050K 17mm Super Stubby Air Impact Wrench



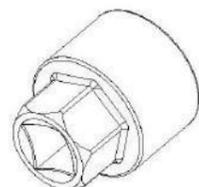
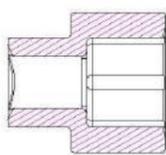
Anvil Changeable: 3/8" Dr. & 1/2" Dr.



3/8" Common Low Profile Impact Short Sockets Directly Connectable



Direct-insert sockets available on the market (see below type)



Square Drive	: 1/2"
Bolt Capacity	: 5/8" (M16)
Avg/ Air Con.	: 40 CFM (113 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 400 FT-LB/542 N.m.
Max. Torque	: 600 FT-LB/813 N.m.
Free Speed	: 9000 RPM
Vibration	: 11.6m/s ²
Sound Pressure	: 96.5DbA
Overall Length	: 86 mm (3.38")
Net Weight	: 1.35 Kg (2.98 LB)

ADR001T Multiple Speed Air Spot Welding Drill



Low - high Speed SHIFT Device



Side Exhaust



Input Air Control 1-2-3 stage, change speed

▲ Patent



Spot Drill Dia.	: 8 mm(O.D)
Horsepower	: 0.6 hp
Free Speed / 3 Stage	: 450/1200 RPM
(Low-high Speed)	: 700/1800 RPM
(± 5% tolerance)	: 900/2400 RPM
Air Pressure	: 90 psi (6.3 Bar)
Air Inlet	: 1/4"
Overall Length	: 200 mm(7-7/8")
Net Weight	: 1.8 kg(3.96 lbs)
Packing	: 6 Sets/19.44Kg/20.49kg/2.1'



- 6 speed choice (Different from old single speed tool)
- Suitable for HSS & TCT drill
- Work with Steel & Aluminum alloy plate

AW050I 1/2" Composite Air Impact Wrench

Twin Hammer



New!



Square Drive	: 1/2"
Bolt Capacity	: 3/4" (M19)
Avg/ Air Con.	: 5 CFM (142 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 500 FT-LB / 770 N.m.
Max. Torque	: 650 FT-LB / 881 N.m.
Breakaway Torque	: 900 FT-LB / 1220 N.m.
Free Speed	: 8000 RPM
Sound Pressure	: 87.4dB
Overall Length	: 5" (127 mm)
Net Weight	: 1.43 Kg (3.37 LB)
Packing	: 10pcs/15.5Kg/16Kg/1.03'



AW050G 1/2" Stubby Air Impact Wrench

Jumbo Hammer



Square Drive	: 1/2"
Bolt Capacity	: 5/8" (M16)
Avg/ Air Con.	: 4.0 CFM (113 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 450 FT-LB / 610 N.m.
Max. Torque	: 600 FT-LB / 813 N.m.
Free Speed	: 9000 RPM
Vibration	: 11.6 m/s ²
Sound Pressure	: 97.4 Dba
Overall Length	: 3-7/8" (99 mm)
Net Weight	: 1.33 Kg (2.98 LB)
Packing	: 10 Pcs/15.3 Kg/15.88 Kg/1.03'



AW120C 3/4" Composite Air Impact Wrench

Twin Hammer



1" Anvil Option / Short & Long Anvil



New!



Square Drive	: 3/4" ; 1"
Bolt Capacity	: 1-1/4" (M32)
Avg/ Air Con.	: 7.7 CFM (218 L/min)
Air Inlet	: 3/8"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 1200 FT-LB / 1627 N.m.
Max. Torque	: 1500 FT-LB / 2034 N.m.
Free Speed	: 7500 RPM
Overall Length	: 12.33" (313 mm)
Net Weight	: 3.39 Kg (7.47 LB)

2-Stage trigger



AW120D 3/4" Composite Air Impact Wrench

Twin Hammer



1" Anvil Option

2-Stage trigger



New!



Square Drive	: 3/4" ; 1"
Bolt Capacity	: 1-1/4" (M32)
Avg/ Air Con.	: 7.7 CFM (218 L/min)
Air Inlet	: 3/8"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 1200 FT-LB / 1627 N.m.
Max. Torque	: 1500 FT-LB / 2034 N.m.
Free Speed	: 7500 RPM
Overall Length	: 8.55" (217 mm)
Net Weight	: 3.28 Kg (7.23 LB)

AW030D 3/8" Composite Air Impact Wrench

Twin Hammer



New!



Square Drive	: 3/8"
Bolt Capacity	: 9/16" (M14)
Avg/ Air Con.	: 3.65CFM
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.3 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 245 FT-LB / 332 N.m.
Max. Torque	: 273 FT-LB / 370 N.m.
Free Speed	: 5700 RPM
Overall Length	: 127mm
Net Weight	: 1.44 Kg (3.17 LB)
Packing	: 10pcs/15.5Kg/16Kg/1.03'



AW350A 1-1/2" Air Impact Wrench

Twin Hammer



New!



Square Drive	: 1-1/2"
Bolt Capacity	: 1-3/4" (M44)
Avg/ Air Con.	: 7.0 CFM (198 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 3200 FT-LB / 4339 N.m.
Max. Torque	: 4000 FT-LB / 5420 N.m.
Free Speed	: 3500 RPM
Vibration	: 5.9 m/s ²
Sound Pressure	: 96 Dba
Overall Length	: 508mm(2") / 673mm(8")
Net Weight	: 15.6 Kg (34.4 LB)
Packing	: 1pcs/17.6Kg/18.1Kg/1.32'



AW200D / AW200E / AW200F

1" Lightweight Air Impact Wrench

	AW200D Twin Hammer	AW200E Pinless	AW200F Pin Clutch
Square Drive	1"	1"	1"
Bolt Capacity	1-3/8" (M33)	1-3/8" (M33)	1-3/8" (M33)
Avg/ Air Con.	6.94 CFM (196 L/min)	6.94 CFM (196 L/min)	6.94 CFM (196 L/min)
Air Inlet	1/2"	1/2"	1/2"
Air Pressure	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)	90 PSI (6.2 Bar)
Hose Size I.D.	1/2"	1/2"	1/2"
Working Torque	2200 FT-LB / 2983 N.m.	2200 FT-LB / 2983 N.m.	2000 FT-LB / 2712 N.m.
Max. Torque	2700 FT-LB / 3661 N.m.	2600 FT-LB / 3525 N.m.	2500 FT-LB / 3390 N.m.
Free Speed	5500 RPM	5500 RPM	5500 RPM
Vibration	9.49 m/s ²	9.49 m/s ²	9.49 m/s ²
Sound Pressure	100.1 Dba	100.1 Dba	100.1 Dba
Overall Length	2" Anvil: 13.50" (343mm) 6" Anvil: 19.30" (490mm)	2" Anvil: 14.40" (366mm) 6" Anvil: 18.90" (480mm)	2" Anvil: 14.30" (363mm) 6" Anvil: 19.17" (478mm)
Net Weight	2" Anvil: 6.65 Kg (14.66 LB) 6" Anvil: 7.72 Kg (17.02 LB)	2" Anvil: 7.64 Kg (16.84 LB) 6" Anvil: 8.58 Kg (18.92 LB)	2" Anvil: 7.5 Kg (16.53 LB) 6" Anvil: 8.35 Kg (18.41 LB)



AW300A

1-1/2" Professional Air Impact Wrench

Twin Hammer



Square Drive	: 1-1/2"
Bolt Capacity	: 1-3/4" (M44)
Avg/ Air Con.	: 7.0 CFM (198 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 2500 FT-LB / 3390 N.m.
Max. Torque	: 3000 FT-LB / 4068 N.m.
Free Speed	: 3700 RPM
Vibration	: 5.9 m/s ²
Sound Pressure	: 96 Dba
Overall Length	: 19-1/4" (490 mm)
Net Weight	: 15.2 Kg (33.5 LB)
Packing	: 1 Pc/17.2 Kg/17.9 Kg/1.32'

AW250A

1" Professional Air Impact Wrench

Twin Hammer



Square Drive	: 1"
Bolt Capacity	: 1-1/2" (M38)
Avg/ Air Con.	: 7.4 CFM (195 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 2200 FT-LB / 2983 N.m.
Max. Torque	: 2500 FT-LB / 3390 N.m.
Free Speed	: 3800 RPM
Vibration	: 6.0 m/s ²
Sound Pressure	: 96 Dba
Overall Length	: 19-1/4" (490 mm)
Net Weight	: 14.0 Kg (30.8 LB)
Packing	: 1 Pc/16.0 Kg/16.6 Kg/1.32'

AW250B

1" Professional Pinless Air Impact Wrench

Pin Less



Square Drive	: 1"
Bolt Capacity	: 1-1/2" (M38)
Avg/ Air Con.	: 6.0 CFM (170 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 2200 FT-LB / 2983 N.m.
Max. Torque	: 2500 FT-LB / 3390 N.m.
Free Speed	: 3800 RPM
Vibration	: 6.1 m/s ²
Sound Pressure	: 98 Dba
Overall Length	: 23-1/4" (590 mm)
Net Weight	: 16.0 Kg (35.4 LB)
Packing	: 1 Pc/18.1 Kg/18.8 Kg/1.32'



AW200A 1" Air Impact Wrench

Twin Hammer



Square Drive	: 1"
Bolt Capacity	: 1-3/8" (M35)
Avg/ Air Con.	: 6.9 CFM (197 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 - 115 PSI (6.2-7.9 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 1700 FT-LB / 2305 N.m.
Max. Torque	: 2000 FT-LB / 2712 N.m.
Free Speed	: 4100 RPM
Vibration	: 6.0 m/s ²
Sound Pressure	: 91 Dba
Overall Length	: 13.78" (350 mm)
Net Weight	: 8.88 Kg (22.0 LB)
Packing	: 2 Pcs/19.7 Kg/20.5 Kg/1.5'

AW200C 1" Air Impact Wrench

Pin Clutch



Square Drive	: 1"
Bolt Capacity	: 1-3/8" (M35)
Avg/ Air Con.	: 6.0 CFM (170 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 1800 FT-LB / 2440 N.m.
Max. Torque	: 2000 FT-LB / 2712 N.m.
Free Speed	: 3300 RPM
Vibration	: 5.8 m/s ²
Sound Pressure	: 91 Dba
Overall Length	: 13.78" (350 mm)
Net Weight	: 10.5 Kg (23.15 LB)
Packing	: 2 Pcs/25.2 Kg/26.0 Kg/1.5'

AW180B 1" Professional Air Impact Wrench

Twin Hammer



Square Drive	: 1"
Bolt Capacity	: 1-3/8" (M35)
Avg/ Air Con.	: 6.94 CFM (196 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 1800 FT-LB / 2440 N.m.
Max. Torque	: 2000 FT-LB / 2712 N.m.
Free Speed	: 3300 RPM
Vibration	: 6.0 m/s ²
Sound Pressure	: 96 Dba
Overall Length	: 13.78" (350 mm)
Net Weight	: 8.3 Kg (18.3 LB)
Packing	: 2 Pcs/18.5 Kg/19.4 Kg/1.5'

AW221A 1" Air Impact Wrench

Twin Hammer



Square Drive	: 1"
Bolt Capacity	: 1-3/8" (M35)
Avg/ Air Con.	: 6.0 CFM (170.0 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 1800 FT-LB / 2440 N.m.
Max. Torque	: 2200 FT-LB / 2983 N.m.
Free Speed	: 5000 RPM
Vibration	: 7.2 m/s ²
Sound Pressure	: 91.1 Dba
Overall Length	: 11-1/2" (290 mm)
Net Weight	: 7.9 Kg (17.5 LB)
Packing	: 2 Pcs/17.3 Kg/17.9 Kg/1.1'

AW201A 1" Air Impact Wrench

Pin Clutch



Square Drive	: 1"
Bolt Capacity	: 1-3/8" (M35)
Avg/ Air Con.	: 6.0 CFM (170.0 L/min)
Air Inlet	: 1/2"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 1800 FT-LB / 2440 N.m.
Max. Torque	: 2200 FT-LB / 2983 N.m.
Free Speed	: 4200 RPM
Vibration	: 7.2 m/s ²
Sound Pressure	: 91.1 Dba
Overall Length	: 11-1/2" (290 mm)
Net Weight	: 10.0 Kg (22.0 LB)
Packing	: 2 Pcs/21.8 Kg/22.4 Kg/1.1'

AW150B 1" Mini Composite Air Impact Wrench

Twin Hammer



Square Drive	: 1"
Bolt Capacity	: 1-1/4" (M32)
Avg/ Air Con.	: 7.0 CFM (198 L/min)
Air Inlet	: 3/8"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 1200 FT-LB / 1627 N.m.
Max. Torque	: 1500 FT-LB / 2033 N.m.
Free Speed	: 5500 RPM
Vibration	: 8.6 m/s ²
Sound Pressure	: 96.5 Dba
Overall Length	: 9.10" (230 mm)
Net Weight	: 3.8 Kg (8.3 LB)
Packing	: 6 Pcs/23.9 Kg/24.9 Kg/1.3'

AW085D 3/4" Mini Composite Air Impact Wrench

Twin Hammer



Square Drive	: 3/4"
Bolt Capacity	: 7/8" (M24)
Avg/ Air Con.	: 5.5 CFM (158 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 650 FT-LB / 881 N.m.
Max. Torque	: 820 FT-LB / 1111 N.m.
Free Speed	: 8500 RPM
Vibration	: 8.1 m/s ²
Sound Pressure	: 91.5 Dba
Overall Length	: 7-7/8" (200 mm)
Net Weight	: 2.3 Kg (5.0 LB)
Packing	: 10 Pcs/24.5 Kg/25.5 Kg/1.71'

AW100A 3/4" Air Impact Wrench

Twin Hammer



Square Drive	: 3/4"
Bolt Capacity	: 1" (M25)
Avg/ Air Con.	: 5.30 CFM (150 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 900 FT-LB / 1200 N.m.
Max. Torque	: 1000 FT-LB / 1356 N.m.
Free Speed	: 6300 RPM
Vibration	: 6.3 m/s ²
Sound Pressure	: 92 Dba
Overall Length	: 8-1/4" (210 mm)
Net Weight	: 4.3 Kg (9.5 LB)
Packing	: 4 Pcs/18.7 Kg/19.3 Kg/1.21'

AW150A 3/4" Lightweight Composite Air Impact Wrench

Twin Hammer



Square Drive	: 3/4"
Bolt Capacity	: 1-1/4" (M32)
Avg/ Air Con.	: 7.0 CFM (198 L/min)
Air Inlet	: 3/8"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 1200 FT-LB / 1687 N.m.
Max. Torque	: 1500 FT-LB / 2108 N.m.
Free Speed	: 6000 RPM
Vibration	: 8.6 m/s ²
Sound Pressure	: 96.5 Dba
Overall Length	: 8-1/4" (209 mm)
Net Weight	: 3.0 Kg (6.4 LB)
Packing	: 6 Pcs/20.0 Kg/21.0 Kg/1.3'

AW080A 3/4" Air Impact Wrench

Pin Clutch



Square Drive	: 3/4"
Bolt Capacity	: 7/8" (M24)
Avg/ Air Con.	: 4.2 CFM (119 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 700 FT-LB / 949 N.m.
Max. Torque	: 800 FT-LB / 1085 N.m.
Free Speed	: 4800 RPM
Vibration	: 5.8 m/s ²
Sound Pressure	: 86 Dba
Overall Length	: 9-3/4" (248 mm)
Net Weight	: 4.6 Kg (10.1 LB)
Packing	: 4 Pcs/20.1 Kg/20.8 Kg/1.21'

AW120A 3/4" Air Impact Wrench

Twin Hammer



Square Drive	: 3/4"
Bolt Capacity	: 1-1/4" (M32)
Avg/ Air Con.	: 8.4 CFM (238 L/min)
Air Inlet	: 3/8"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/2"
Working Torque	: 1200 FT-LB / 1627 N.m.
Max. Torque	: 1500 FT-LB / 2034 N.m.
Free Speed	: 5000 RPM
Vibration	: 6.4 m/s ²
Sound Pressure	: 89 Dba
Overall Length	: 8-1/2" (216.5 mm)
Net Weight	: 5.1 Kg (11.2 LB)
Packing	: 4 Pcs/22.3 Kg/23.1 Kg/1.21'

AW085A 3/4" Air Impact Wrench

Pin Clutch



Square Drive	: 3/4"
Bolt Capacity	: 7/8" (M24)
Avg/ Air Con.	: 4.2 CFM (119 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 700 FT-LB / 949 N.m.
Max. Torque	: 800 FT-LB / 1085 N.m.
Free Speed	: 4800 RPM
Vibration	: 5.8 m/s ²
Sound Pressure	: 86 Dba
Overall Length	: 9-3/4" (248 mm)
Net Weight	: 5.0 Kg (11 LB)
Packing	: 4 Pcs/21.3 Kg/22.1 Kg/1.21'

AW085C 1/2" Composite Air Impact Wrench

Twin Hammer



Square Drive	: 1/2"
Bolt Capacity	: 7/8" (M24)
Avg/ Air Con.	: 5.5 CFM (158 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 650 FT-LB / 881 N.m.
Max. Torque	: 840 FT-LB / 1139 N.m.
Free Speed	: 8500 RPM
Vibration	: 8.1 m/s ²
Sound Pressure	: 91.5 Dba
Overall Length	: 7.48" (190 mm)
Net Weight	: 2.2 Kg (4.8 LB)
Packing	: 10 Pcs/24.0 Kg/25.0 Kg/1.71'

AW095A 1/2" Composite Air Impact Wrench

Twin Hammer



Square Drive	: 1/2"
Bolt Capacity	: 1" (M25)
Avg/ Air Con.	: 5.5 CFM (158 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 800 FT-LB / 1080 N.m.
Max. Torque	: 950 FT-LB / 1283 N.m.
Breakaway Torque	: 1200 FT-LB / 1627 N.m.
Free Speed	: 8500 RPM
Vibration	: 8.1 m/s ²
Sound Pressure	: 91.5 Dba
Overall Length	: 6-7/8" (179 mm)
Net Weight	: 1.7 Kg (3.75 LB)
Packing	: 10 Pcs/19.0 Kg/20.0 Kg/1.71'

AW045A 1/2" Air Impact Wrench

Twin Hammer



Square Drive	: 1/2"
Bolt Capacity	: 5/8" (M16)
Avg/ Air Con.	: 4.5 CFM (127 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 460 FT-LB / 624 N.m.
Max. Torque	: 550 FT-LB / 746 N.m.
Free Speed	: 7000 RPM
Vibration	: 4.6 m/s ²
Sound Pressure	: 89 Dba
Overall Length	: 7-3/8" (188 mm)
Net Weight	: 2.5 Kg (5.5 LB)
Packing	: 10 Pcs/28.2 Kg/29.1 Kg/1.71'

AW070B 1/2" Industrial Air Impact Wrench

Twin Hammer



Square Drive	: 1/2"
Bolt Capacity	: 3/4" (M19)
Avg/ Air Con.	: 4.7 CFM (133 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 620 FT-LB / 813 N.m.
Max. Torque	: 720 FT-LB / 976 N.m.
Free Speed	: 9200 RPM
Vibration	: 4.3 m/s ²
Sound Pressure	: 86 Dba
Overall Length	: 6-3/8" (162 mm)
Net Weight	: 2.4 Kg (5.29 LB)
Packing	: 10 Pcs/27.0 Kg/27.9 Kg/1.71'

AW065A 1/2" Industrial Air Impact Wrench

Twin Hammer



Square Drive	: 1/2"
Bolt Capacity	: 3/4" (M19)
Avg/ Air Con.	: 4.7 CFM (133 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 550 FT-LB / 745 N.m.
Max. Torque	: 650 FT-LB / 881 N.m.
Free Speed	: 8400 RPM
Vibration	: 4.5 m/s ²
Sound Pressure	: 85 Dba
Overall Length	: 8" (204 mm)
Net Weight	: 2.6 Kg (5.7 LB)
Packing	: 10 Pcs/28.8 Kg/29.7 Kg/1.71'

AW040A 1/2" Air Impact Wrench

Pin Clutch



Square Drive	: 1/2"
Bolt Capacity	: 9/16" (M14)
Avg/ Air Con.	: 3.5 CFM (92 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 280 FT-LB / 380 N.m.
Max. Torque	: 340 FT-LB / 461 N.m.
Free Speed	: 8200 RPM
Vibration	: 4.2 m/s ²
Sound Pressure	: 88 Dba
Overall Length	: 7-3/8" (188 mm)
Net Weight	: 2.2 Kg (4.85 LB)
Packing	: 10 Pcs/25.5 Kg/26.3 Kg/1.71'

AW050A 1/2" Air Impact Wrench

Pin Clutch



Square Drive	: 1/2"
Bolt Capacity	: 3/4" (M19)
Avg/ Air Con.	: 3.72 CFM (105 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 400 FT-LB / 542 N.m.
Max. Torque	: 500 FT-LB / 678 N.m.
Free Speed	: 7000 RPM
Vibration	: 4.3 m/s ²
Sound Pressure	: 86 Dba
Overall Length	: 8" (204 mm)
Net Weight	: 2.5 Kg (5.51 LB)
Packing	: 10 Pcs/26.0 Kg/28.87 Kg/1.71'

AW030C 3/8" Stubby Air Impact Wrench

Jumbo Hammer



Square Drive	: 3/8"
Bolt Capacity	: 9/16" (M14)
Avg/ Air Con.	: 3.7 CFM (104 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 290 FT-LB / 394 N.m.
Max. Torque	: 320 FT-LB / 435 N.m.
Free Speed	: 9000 RPM
Vibration	: 9.0 m/s ²
Sound Pressure	: -
Overall Length	: 3-7/8" (96 mm)
Net Weight	: 1.32 Kg (2.91 LB)
Packing	: 10 Pcs/15.3 Kg/15.88 Kg/1.03'

AW020A 3/8" Air Impact Wrench

Pin Clutch



1/2" ANVIL OPTION



Square Drive	: 3/8" / 1/2"
Bolt Capacity	: 1/2" (M13)
Avg/ Air Con.	: 3.0 CFM (82 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 220 FT-LB / 298 N.m.
Max. Torque	: 240 FT-LB / 325 N.m.
Free Speed	: 9500 RPM
Vibration	: 4.7 m/s ²
Sound Pressure	: 88 Dba
Overall Length	: 6-1/2" (165 mm)
Net Weight	: 1.4 Kg (3.1 LB)
Packing	: 10 Pcs/16.0 Kg/16.6 Kg/1.02'

AW020B 3/8" Air Impact Wrench

Jumbo Hammer



1/2" ANVIL OPTION



Square Drive	: 3/8" / 1/2"
Bolt Capacity	: 1/2" (M13)
Avg/ Air Con.	: 3.0 CFM (85.8 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 200 FT-LB / 271 N.m.
Max. Torque	: 220 FT-LB / 298 N.m.
Free Speed	: 9500 RPM
Vibration	: 4.8 m/s ²
Sound Pressure	: 88 Dba
Overall Length	: 6-1/2" (165 mm)
Net Weight	: 1.4 Kg (3.1 LB)
Packing	: 10 Pcs/15.8 Kg/16.4 Kg/1.02'

AW020C 3/8" Air Impact Wrench

Pin Clutch



1/2" ANVIL OPTION

Front Exhaust

Square Drive	: 3/8" / 1/2"
Bolt Capacity	: 1/2" (M13)
Avg/ Air Con.	: 3.0 CFM (85.8 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 190 FT-LB / 258 N.m.
Max. Torque	: 220 FT-LB / 298 N.m.
Free Speed	: 10200 RPM
Vibration	: 4.5 m/s ²
Sound Pressure	: 88 Dba
Overall Length	: 5-7/8" (150 mm)
Net Weight	: 1.3 Kg (3.0 LB)
Packing	: 10 Pcs/15.7 Kg/16.28 Kg/1.02'

AW030A 3/8" Air Impact Wrench

Twin Hammer



Square Drive	: 3/8"
Bolt Capacity	: 9/16" (M14)
Avg/ Air Con.	: 3.0 CFM (85.8 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Working Torque	: 250 FT-LB / 339 N.m.
Max. Torque	: 290 FT-LB / 393 N.m.
Free Speed	: 10500 RPM
Vibration	: 4.9 m/s ²
Sound Pressure	: 88 Dba
Overall Length	: 6-1/2" (165 mm)
Net Weight	: 1.3 Kg (2.9 LB)
Packing	: 10 Pcs/15.7 Kg/16.28 Kg/1.02'

AD312A High Torque Air Screwdriver

Pin Clutch



Bolt Capacity	: ϕ 3-12
Avg/ Air Con.	: 2.98 CFM (84 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/4"
Max. Torque	: 190 FT-LB / 257 N.m.
Free Speed	: 9000 RPM
Overall Length	: 220 mm
Net Weight	: 1.35 Kg (2.97 LB)
Packing	: 10 Pcs/16.95 Kg/17.5 Kg/1.02'



AD314A High Torque Air Screwdriver

Pin Clutch



Bolt Capacity	: ϕ 3-14
Avg/ Air Con.	: 3.03 CFM (85.7 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/4"
Max. Torque	: 220 FT-LB / 298 N.m.
Free Speed	: 9500 RPM
Overall Length	: 220 mm
Net Weight	: 1.40 Kg (3.10 LB)
Packing	: 10 Pcs/17.45 Kg/18.0 Kg/1.02'



ASD001P Air Screwdriver

Jumbo Hammer



Bit Driver	: 1/4"
Avg/ Air Con.	: 4.0 CFM (113 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 3/8"
Torque (5 Sec)	: 450 FT-LB / 610 N.m.
Torque (10 Sec)	: 600 FT-LB / 813 N.m.
Free Speed	: 9000 RPM
Overall Length	: 101 mm (3.97")
Net Weight	: 1.35 Kg (2.98 LB)
Packing	: 10 Pcs/15.3 Kg/15.88 Kg/1.02'



Handle Exhaust

AD510A High Torque Air Screwdriver

Twin Hammer



Bolt Capacity	: ϕ 8-10
Avg/ Air Con.	: 3.03 CFM (85.7 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/4"
Max. Torque	: 250 N.m.
Free Speed	: 9000 RPM
Overall Length	: 215 mm
Net Weight	: 1.15 Kg
Packing	: 25 Pcs/31.0 Kg/32.0 Kg/1.0'



AD409B High Speed Air Screwdriver

Two Hammer



Bolt Capacity	: ϕ 4-8
Avg/ Air Con.	: 3.0 CFM (82 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/4"
Max. Torque	: 60 FT-LB / 80 N.m.
Free Speed	: 8000 RPM
Overall Length	: 165 mm
Net Weight	: 1.05 Kg (2.43 LB)
Packing	: 25 Pcs/31.0 Kg/32.0 Kg/1.0'



AD206B High Torque Air Screwdriver

Two Hammer



Bolt Capacity	: ϕ 2-5
Avg/ Air Con.	: 2.3 CFM (63 L/min)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 Bar)
Hose Size I.D.	: 1/4"
Max. Torque	: 33 FT-LB / 45 N.m.
Free Speed	: 9000 RPM
Overall Length	: 6-1/2" (165 mm)
Net Weight	: 0.69 Kg (1.52 LB)
Packing	: 25 Pcs/22.3 Kg/23.3 Kg/0.8'



ARW3001

ARW5001

Air Ratchet Wrench



Item Number	: ARW3001	ARW5001
Square Drive	: 3/8"	1/2"
Avg/ Air Con.	: 3.90 CFM	3.90 CFM
Torque	: 80 FT-LB	80 FT-LB
Free Speed	: 180 RPM	180 RPM
Sound Pressure	: 98 Dba	98 Dba
Overall Length	: 242.0 mm	242.0 mm
Net Weight	: 1.17 Kg	1.17 Kg
Packing	: 10Pcs/11.7Kg/13.1Kg/0.53'	

ARW3002

ARW5002

Air Ratchet Wrench



Item Number	: ARW3002	ARW5002
Square Drive	: 3/8"	1/2"
Avg/ Air Con.	: 3.90 CFM	3.90 CFM
Torque	: 80 FT-LB	80 FT-LB
Free Speed	: 180 RPM	180 RPM
Sound Pressure	: 98 Dba	98 Dba
Overall Length	: 277.0 mm	277.0 mm
Net Weight	: 1.24 Kg	1.25 Kg
Packing	: 10Pcs/12.5Kg/13.9Kg/0.6'	

ARW3003

ARW5003

Air Ratchet Wrench



Item Number	: ARW3003	ARW5003
Square Drive	: 3/8"	1/2"
Avg/ Air Con.	: 3.90 CFM	3.90 CFM
Torque	: 80 FT-LB	80 FT-LB
Free Speed	: 180 RPM	180 RPM
Sound Pressure	: 98 Dba	98 Dba
Overall Length	: 268.0 mm	268.0 mm
Net Weight	: 1.18 Kg	1.18 Kg
Packing	: 10Pcs/11.9Kg/13.3Kg/0.6'	

ARW3004

ARW5004

Heavy Duty Air Ratchet Wrench



Side Exhaust

Item Number	: ARW3004	ARW5004
Square Drive	: 3/8"	1/2"
Avg/ Air Con.	: 4.90 CFM	4.90 CFM
Torque	: 120 FT-LB	120 FT-LB
Free Speed	: 170 RPM	170 RPM
Sound Pressure	: 95 Dba	95 Dba
Overall Length	: 320.0 mm	320.0 mm
Net Weight	: 1.55 Kg	1.56 Kg
Packing	: 10Pcs/15.6Kg/17.3Kg/0.84'	

ARW3005

ARW1001

Heavy Duty Air Ratchet Wrench



Side Exhaust

Item Number	: ARW3005	ARW1001
Square Drive	: 3/8"	1/4"
Avg/ Air Con.	: 3.50 CFM	3.50 CFM
Torque	: 42 FT-LB	42 FT-LB
Free Speed	: 270 RPM	270 RPM
Sound Pressure	: 98 Dba	98 Dba
Overall Length	: 222.0 mm	222.0 mm
Net Weight	: 0.68 Kg	0.68 Kg
Packing	: 20Pcs/13.6Kg/15.2Kg/0.69'	

AR040BTM3

Mini Air Ratchet Wrench
Impact Type Low Reaction Force



Square Drive	: 3/8"
Avg/ Air Con.	: 2.40 CFM
Torque	: 40 FT-LB
Free Speed	: 550 RPM
Sound Pressure	: 86 Dba
Overall Length	: 160.0 mm
Net Weight	: 0.65 Kg
Packing	: 20Pcs/13Kg/14.6Kg/0.48'

ARW3006

ARW1002

Mini Air Ratchet Wrench



Item Number	: ARW3006/ ARW3007	ARW1002
Square Drive	: 3/8"	1/4"
Avg/ Air Con.	: 3.00 CFM	3.00 CFM
Torque	: 40 FT-LB	40 FT-LB
Free Speed	: 320 RPM	320 RPM
Sound Pressure	: 89 Dba	89 Dba
Overall Length	: 176.0 mm	176.0 mm
Net Weight	: 0.55 Kg	0.55 Kg
Packing	: 20Pcs/11Kg/12.6Kg/0.6'	

ARW3007

Wobble Type



AR025BGM2

AR025BGM3

Super Duty Mini Air Ratchet Wrench



132mm

Item Number	: AR025BGM2	AR025BGM3
Square Drive	: 1/4"	3/8"
Avg/ Air Con.	: 2.30 CFM	2.30 CFM
Torque	: 25 FT-LB	25 FT-LB
Free Speed	: 320 RPM	320 RPM
Sound Pressure	: 91 Dba	91 Dba
Overall Length	: 132.0 mm	132.0 mm
Net Weight	: 0.46 Kg	0.47 Kg
Packing	: 20Pcs/9.4Kg/11Kg/0.38'	

ARW3008

ARW1003

Super Duty Mini Air Ratchet Wrench

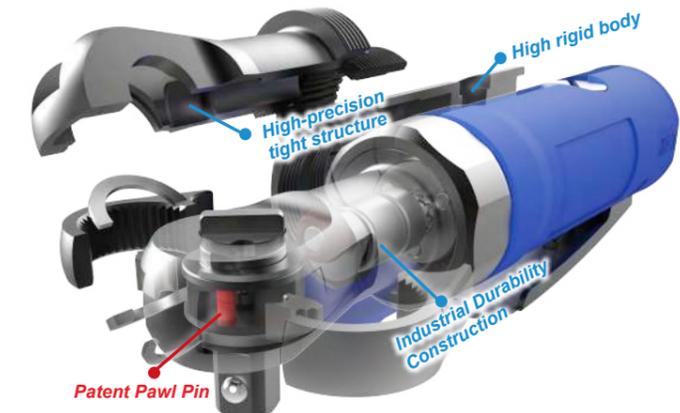


136mm

Item Number	: ARW3008	ARW1003
Square Drive	: 3/8"	1/4"
Avg/ Air Con.	: 2.30 CFM	2.30 CFM
Torque	: 20 FT-LB	20 FT-LB
Free Speed	: 300 RPM	300 RPM
Sound Pressure	: 94 Dba	94 Dba
Overall Length	: 136.0 mm	136.0 mm
Net Weight	: 0.49 Kg	0.48 Kg
Packing	: 20Pcs/9.8Kg/11.4Kg/0.38'	

▲ Patent Pawl Pin

◦ Long Life Cycle



AG260C2M Mini Air Die Grinder



Collet	: 1/4"
Avg/ Air Con.	: 3.0 CFM (22 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 5/16"
Horse Power	: 0.5 HP
Free Speed	: 26,000 RPM
Sound Pressure	: 86 Dba
Overall Length	: 5.28" (134 mm)
Net Weight	: 0.79 lbs (0.36 Kgs)
Packing	: 20 Pcs/11.5 Kg/12.5 Kg/0.72'

AG200C2A Air Angle Die Grinder



Collet	: 1/4"
Avg/ Air Con.	: 3.0 CFM (22 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 5/16"
Horse Power	: 0.5 HP
Free Speed	: 20,000 RPM
Sound Pressure	: 93 Dba
Overall Length	: 5.51" (140 mm)
Net Weight	: 1.10 lbs (0.50 Kgs)
Packing	: 20 Pcs/12.0 Kg/13.0 Kg/0.72'

AG200C2S Air Die Grinder



Collet	: 1/4" / 6 mm
Avg/ Air Con.	: 4.5 CFM (32 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 3/8"
Horse Power	: 1.0 HP
Free Speed	: 20,000 RPM
Vibration	: 1.2 M/s ²
Sound Pressure	: 85 Dba / 95 Dba
Overall Length	: 8.07" (208 mm)
Net Weight	: 2.16 lbs (0.98 Kgs)
Packing	: 10 Pcs/10.0 Kg/11.0 Kg/0.52'

AG120C2A Air Angle Die Grinder



Collet	: 1/4" / 6 mm
Avg/ Air Con.	: 4.5 CFM (32 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 3/8"
Horse Power	: 1.0 HP
Free Speed	: 12,000 RPM
Vibration	: 1.7 M/s ²
Sound Pressure	: 89 Dba / 95 Dba
Overall Length	: 9.13" (232 mm)
Net Weight	: 2.29 lbs (1.04 Kgs)
Packing	: 10 Pcs/13.4Kg/14.4Kg/0.82'

AG230C2E Extended Air Angle Die Grinder



Collet	: 1/4" / 6 mm
Avg/ Air Con.	: 3.0 CFM (22 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 5/16"
Horse Power	: 0.5 HP
Free Speed	: 23,000 RPM
Overall Length	: 268 mm
Net Weight	: 0.68 Kgs
Packing	: 20 Pcs/13.2 Kg/14.2 Kg/1.37'

AM100B3T Precision Turbine Grinder



Collet	: 1/8" / 3mm
Avg/ Air Con.	: 1.0 CFM (7.0 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 3/16"
Horse Power	: 0.06 HP
Free Speed	: 100,000 RPM
Sound Pressure	: 86 Dba
Overall Length	: 7.48" (190 mm)
with Black Hose	: 4'9" (1,450 mm)
Net Weight	: 0.66 lbs (0.30 Kgs)
Packing	: 10 Pcs/10.5Kg/11.5Kg/1.37'

AM540B3S Air Pencil Die Grinder W/Grip



Collet	: 1/8" / 3 mm
Avg/ Air Con.	: 0.85 CFM
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 5/16"
Horse Power	: 0.1 HP
Free Speed	: 54,000 RPM
Sound Pressure	: 72 Dba / 84 Dba
Overall Length	: 5-3/8" (137 mm)
Net Weight	: 0.44 lbs (0.2 Kgs)
Packing	: 20 Pcs/7.2 Kg/8.0 Kg/1.18'

AM700B3S Air Pencil Die Grinder W/Grip



Collet	: 1/8" / 3 mm
Avg/ Air Con.	: 1.0 CFM (7.0 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 5/16"
Horse Power	: 0.1 HP
Free Speed	: 70,000 RPM
Vibration	: 2.0 M/s ²
Sound Pressure	: 81 Dba / 86 Dba
Overall Length	: 5-3/8" (137 mm)
Net Weight	: 0.44 lbs (0.20 Kgs)
Packing	: 20 Pcs/7.2 Kg/8.0 Kg/1.20'

AM700B3A Right Angle Air Pencil Die Grinder W/Grip



Collet	: 1/8"
Avg/ Air Con.	: 4.5 CFM (32 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 5/16"
Free Speed	: 70,000 RPM
Vibration	: 1.2 M/s ²
Sound Pressure	: 72 Dba / 84 Dba
Overall Length	: 5.9" (150 mm)
with Black Hose	: 4.9' (1,500 mm)
Net Weight	: 0.5 lbs (0.23 Kgs)
Packing	: 20 Pcs/7.40 Kg/8.40 Kg/1.13'

AGD001A 5" Air Angle Wheel Grinder



Wheel Diameter	: 7-3/4"
Avg/ Air Con.	: 6.0 CFM
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 3/8"
Free Speed	: 12,000 RPM
Overall Length	: 9" (228.6 mm)
Net Weight	: 1.82 Kgs (4.0 LBS)
Packing	: 10 Pcs/20 Kg/21 Kg/1.45'

AG190A2AS 2" Mini Air Angle Wheel Grinder



Wheel Diameter	: 2"
Avg/ Air Con.	: 2.6 CFM
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 3/8"
Free Speed	: 19,000 RPM
Overall Length	: 5.70" (145 mm)
Net Weight	: 0.55Kg (1.21 LBS)
Packing	: 20Pcs/14.2Kg/15.2Kg/1.25'

AA700A31 Gear Air Saw



RECIP 14T saw blade & 32T saw blade
Other size of saw blade available.

Wheel Diameter	: 7-3/4"
Avg/ Air Con.	: 4.0 CFM (28 SCFM)
Air Inlet	: 1/4"
Air Pressure	: 90 PSI (6.2 BAR)
Hose Size I.D.	: 5/16"
Free Speed	: 7,000 RPM
Sound level (pressure)	: 88.5 DbA, Kpa:0.45 DbA
Sound level (power)	: 99.5 DbA, Kwa:0.38 DbA
Overall Length	: 10.51" (267 mm)
Stroke Length	: 10 mm
Net Weight	: 2.07 lbs (0.94 Kgs)
Packing	: 10 Pcs/11.7Kg/12.2Kg/0.58' (14T / 32 T saw blade)

Air Needle Scaler



	19pcs	12pcs	13pcs
BPM	4600	4250	3000
Air Pressure	90PSI	90PSI	90PSI
Air Inlet	1/4"	1/4"	1/4"
Needle Used	19 PCS(mm)	12PCS (3mm)	13PCS (1.4mm)
Sound Pressure	92 dB(A)	-	-
Sound Power	104 dB(A)	-	-
Vibration	10.2M/SEC^2	-	-
Overall Length	452mm	318mm	240mm
Net Weight	2.76 Kg	1.18 Kg	0.5 Kg

Air Slide Hammer



* Flange-Type Axle is not included in a set.

	STUBBY	HEAVY DUTY
BPM	1200	1400
Air Pressure	90PSI	90PSI
Air Inlet	1/4"	1/4"
Average Air Consumption	25 SCFM	30 SCFM
Spindle	M18x1.5P / 3/8X18P	M18x1.5P / 3/8X18P
Stroke	35mm	35mm
Pulling Capacity	40 FT-LBS	250 FT-LBS

90DEG. Air Slide Hammer Pistol Type



BPM	: 1400
Air Pressure	: 90PSI(6.2BAR)
Air Inlet	: 1/4"-NTP
Average Air Consumption	: 25 SCFM
Pulling Capacity	: 250FT-LBS
Length	: 230mm
Weight	: 3.94 Kg

Air Hammer



	150mm	190mm	250mm
BPM	4800	3200	2200
Air Pressure	90PSI	90PSI	90PSI
Air Inlet	1/4"	1/4"	1/4"
Shank Opening	0.401"	0.401"	0.401"
Stroke	1-5/8"(41mm)	2-5/8"(66mm)	3-7/8"(98mm)
Sound Pressure	100 dB	-	-
Sound Power	110 dB	-	-
Overall Length	138mm	181mm	225mm
Net Weight	1.28 Kg	1.66 Kg	2.0 Kg

Needle Scaler Accessories

AS050CSV5

Self-Vacuum Palm Air Orbital Sander

AS050CSV6

Item Number	AS050CSV5	AS050CSV6
Pad Size	5" Pad	6" Pad
Diameter Orbit	5.0mm	
Spindle	5/16"-24 UNF	
Avg/ Air Con.	2.5CFM	
Air Inlet	1/4"	
Air Pressure	90 PSI (6.2 BAR)	
Hose Size I.D.	3/8"	
Free Speed	10,000 RPM	
Sound Pressure	83 Dba	
Dust System	Self-Vacuum	
Net Weight	0.94 Kgs	
Packing	6 Pcs/7.45Kg/8.45Kg/1.28'	



AS050CNV5

Non-Vacuum Palm Air Orbital Sander

AS050CNV6

Item Number	AS050CNV5	AS050CNV6
Pad Size	5"Pad	6"Pad
Diameter Orbit	5.0mm	
Spindle	5/16"-24 UNF	
Avg/ Air Con.	2.5 CFM	
Air Inlet	1/4"	
Air Pressure	90 PSI (6.2 BAR)	
Free Speed	10,000 RPM	
Sound Pressure	83 Dba	
Dust System	Non-Vacuum	
Net Weight	2.07 lbs (0.94 Kgs)	
Packing	5": 12 Pcs/15.84 Kg/16.9 Kg/2.4'	6": 12 Pcs/16.56 Kg/17.62 Kg/2.4'



Mesh Sanding

Features

- Works with cloth / cotton, more durable
- Perform/Long-lasting the best among similar competitive products.
- Sheet Size: 3, 4.5, 5, 6, 7, 9"



AS090B

(AS090BNV/BCV/BSV)

AS025B

(AS025BNV/BCV/BSV)

AS050B

(AS050BNV/BCV/BSV)



NV : Non-Vacuum
CV : Central Vacuum
SV : Self-Vacuum

Item Number	AS090B		AS025B		AS050B	
Pad Size	5"Pad	6"Pad	5"Pad	6"Pad	5"Pad	6"Pad
Diameter Orbit	9.0mm		2.5mm		5.0mm	
Spindle	5/16"-24 UNF					
Avg/ Air Con.	2.5 CFM					
Air Inlet	1/4" NPT					
Air Pressure	90 PSI (6.2 BAR)					
Free Speed	10,000 RPM				12,000 RPM	
Sound Pressure	83 Dba					
Dust System	Non Vacuum / Central Vacuum / Self Vacuum					
Net Weight	0.83 Kgs					
Packing	12 Pcs/14.5Kg/15.7Kg/2.8'					

AS050D

(AS050DNV/DCV/DSV)

AS090D

(AS090DNV/DCV/DSV)



Item Number	AS050D		AS090D	
Pad Size	5"Pad	6"Pad	5"Pad	6"Pad
Diameter Orbit	5.0mm		9.0mm	
Vibration	2.0 m/s ² with sponge			
Avg/Air Con.	2.5CFM			
Air Inlet	1/4"			
Air Pressure	90 PSI (6.2BAR)			
Free Speed	1,2000 RPM			
Sound Pressure	80 dba. (Non Vacuum) / 84 dba. (Others)			
Dust System Available	Non Vacuum / Central Vacuum / Self Vacuum			
Net Weight	0.75kg (Non Vacuum) / 0.85kg (Others)			
Packing	10PCS/11KGS/12KGS/1.9' (Non Vacuum) ; 10PCS/12.5KGS/13.5KGS/2.5' (Others)			

ASP010101

Air Spray Gun



Fluid Size(I.D.) mm	: 1.3
Optional Nozzie Size (mm)	: 1.0/1.5/1.8
Air Con. (1/min)	: 210-250 CFM
Cup of Capacity	: 600 c.c
Air Inlet	: 1/4" NPS
Fluid Inlet	: 1/4" NPS
Working Pressure	: 28.0-36.0 PSI
Net Weight	: 570g
Type	: Suction

ASP007701

Air Spray Gun



Fluid Size(I.D.) mm	: 2.0
Optional Nozzie Size (mm)	: 1.5/2.5
Air Con. (1/min)	: 250 CFM
Cup of Capacity	: 1000c.c
Air Inlet	: 1/4"
Fluid Inlet	: 1/4"
Working Pressure	: 50.0 PSI
Net Weight	: 950g
Type	: Suction

ASP010201

Air Spray Gun



Fluid Size(I.D.) mm	: 1.6
Optional Nozzie Size (mm)	: 1.0/1.5/1.8/2.0
Air Con. (1/min)	: 280-360 CFM
Cup of Capacity	: 1000c.c
Air Inlet	: 1/4"
Fluid Inlet	: 3/8"
Working Pressure	: 50.0-70.0 PSI
Net Weight	: 1100g
Type	: Suction

ASP020001

Air Spray Gun



Fluid Size(I.D.) mm	: 2.0
Optional Nozzie Size (mm)	: 1.2/1.4/1.5 1.6/1.8/2.5
Air Con. (1/min)	: 360 CFM
Cup of Capacity	: 780 c.c
Air Inlet	: 1/4"
Fluid Inlet	: 3/8"
Working Pressure	: 4.3 PSI
Net Weight	: 780g
Type	: Suction

ASP007101

Air Spray Gun



Fluid Size(I.D.) mm	: 1.5
Optional Nozzie Size (mm)	: 1.0/1.3/1.8/2.0
Air Con. (1/min)	: 180-230 CFM
Cup of Capacity	: 700c.c
Air Inlet	: 1/4"
Fluid Inlet	: 1/4"
Working Pressure	: 43.0-50.0 PSI
Net Weight	: 750g
Type	: Suction

AP501AKS4

Air Spray Gun



Fluid Size(I.D.) mm	: 1.4
Optional Nozzie Size (mm)	: 0.8/1.1/1.3/1.5 /1.8/2.0/2.5
Fluid Output (c.c/min)	: 170
Pattern Width (mm)	: 255
Air Con. (1/min)	: 190
Cup of Capacity	: 700 c.c/ 1000 c.c
Air Inlet	: 1/4" PS
Fluid Inlet	: 1/4" PS / 3/8" PS
Working Pressure	: 30-45 PSI
Net Weight	: -
Type	: Suction

ASP010102

Air Spray Gun



Fluid Size(I.D.) mm	: 1.3
Optional Nozzle Size (mm)	: 1.0/1.5/1.8
Air Con. (1/min)	: 210-250 CFM
Cup of Capacity	: 400 c.c
Air Inlet	: 1/4"
Fluid Inlet	: 1/4"
Working Pressure	: 28.0-36.0 PSI
Net Weight	: 460g
Type	: Gravity

ASP020002

Air Spray Gun



Fluid Size(I.D.) mm	: 2.0
Optional Nozzle Size (mm)	: 1.2/1.4/1.5 1.6/1.8/2.5
Air Con. (1/min)	: 360 CFM
Cup of Capacity	: 400 c.c
Air Inlet	: 1/4"
Fluid Inlet	: 3/8"
Working Pressure	: 4.3 PSI
Net Weight	: 620g
Type	: Gravity

ASP007102

Air Spray Gun



Fluid Size(I.D.) mm	: 1.5
Optional Nozzle Size (mm)	: 1.0/1.3/1.8/2.0
Air Con. (1/min)	: 180-230 CFM
Cup of Capacity	: 300 c.c
Air Inlet	: 1/4"
Fluid Inlet	: 1/4"
Working Pressure	: 43.0-50.0 PSI
Net Weight	: 600g
Type	: Gravity

AP607AKG5

Air Spray Gun



Fluid Size(I.D.) mm	: 1.5
Optional Nozzle Size (mm)	: 0.8/1.0/1.3 1.8/2.0
Fluid Output (c.c/min)	: 210
Pattern Width (mm)	: 280
Air Con. (1/min)	: 220
Cup of Capacity	: 250 / 400 c.c
Air Inlet	: 1/4" PS
Fluid Inlet	: 1/4" PS
Working Pressure	: 30-45 PSI
Net Weight	: 280g
Type	: Gravity

ASP007702

Air Spray Gun



Fluid Size(I.D.) mm	: 2.0
Optional Nozzle Size (mm)	: 1.5/2.5
Air Con. (1/min)	: 250 CFM
Cup of Capacity	: 400 c.c
Air Inlet	: 1/4"
Fluid Inlet	: 1/4"
Working Pressure	: 50.0 PSI
Net Weight	: 700g
Type	: Gravity

AP808ARM3

Air Spray Gun



Fluid Size(I.D.) mm	: 1.3
Optional Nozzle Size (mm)	: 1.4/1.5/1.7 1.9/2.1/2.5
Fluid Output (c.c/min)	: 228
Pattern Width (mm)	: 300
Air Con. (1/min)	: 305
Cup of Capacity	: 600 c.c
Air Inlet	: 1/4" PS
Fluid Inlet	: M16 x 1.5P
Working Pressure	: 35 PSI
Net Weight	: 450g
Type	: Gravity

AP808AHM3

Air Spray Gun



Fluid Size(I.D.) mm	: 1.3
Optional Nozzie Size (mm)	: 1.4/1.5/1.7 1.9/2.1/2.5
Fluid Output (c.c/min)	: 120
Pattern Width (mm)	: 330
Air Con. (1/min)	: 300
Cup of Capacity	: 600 c.c
Air Inlet	: 1/4" PS
Fluid Inlet	: M16 x 1.5P
Working Pressure	: 15-28 PSI
Net Weight	: 450g
Type	: Gravity

AP410AHG4

Air Spray Gun



Fluid Size(I.D.) mm	: 1.4
Optional Nozzie Size (mm)	: 1.0/1.2/1.3/1.5 1.6/1.8/2.0/2.5
Fluid Output (c.c/min)	: 213
Pattern Width (mm)	: 310
Air Con. (1/min)	: 310
Cup of Capacity	: 600 c.c
Air Inlet	: 1/4" PS
Fluid Inlet	: M16 x 1.5P
Working Pressure	: 15-28 PSI
Net Weight	: 497g
Type	: Gravity

AP410AKG4

Air Spray Gun



Fluid Size(I.D.) mm	: 1.4
Optional Nozzie Size (mm)	: 1.0/1.2/1.3/1.5 1.6/1.8/2.0/2.5
Fluid Output (c.c/min)	: 265
Pattern Width (mm)	: 300
Air Con. (1/min)	: 280
Cup of Capacity	: 600 c.c
Air Inlet	: 1/4" PS
Fluid Inlet	: M16 x 1.5P
Working Pressure	: 20-35 PSI
Net Weight	: 497g
Type	: Gravity

ASP220001

Air Spray Gun



Fluid Size(I.D.) mm	: 1.3
Optional Nozzie Size (mm)	: 1.2/1.4
Air Con. (1/min)	: 275 CFM
Cup of Capacity	: 600 c.c
Air Inlet	: 1/4"
Fluid Inlet	: 3/8"
Working Pressure	: 29.0 PSI
Net Weight	: 650g
Type	: High Efficiency Gravity

ASP220002

Air Spray Gun

HVLP-Gravity



Fluid Size(I.D.) mm	: 1.3
Optional Nozzie Size (mm)	: 1.2/1.4
Air Con. (1/min)	: 465 CFM
Cup of Capacity	: 600 c.c
Air Inlet	: 1/4"
Fluid Inlet	: 3/8"
Working Pressure	: 1.8 Kg/cm
Net Weight	: 650g
Type	: HVLP-Gravity

ASP000501

Air Spray Gun

HVLP Touch-up



Fluid Size(I.D.) mm	: 1.0
Optional Nozzie Size (mm)	: 0.5/0.8/1.0/1.2/1.4
Air Con. (1/min)	: 115 CFM
Cup of Capacity	: 125 c.c
Air Inlet	: 1/4"
Fluid Inlet	: M10 x 1.0
Working Pressure	: 29.0 PSI
Net Weight	: 320g
Type	: HVLP Touch-up

ABG001-041

Air Blow Gun



Nozzle length	: 4"
Nozzle size	: 6 mm
Max working pressure	: 120 psi
Max air pressure	: 130psi
Brass inlet thread	: 1/4" PT

Customized color & Logo printing design available

ABG001-101

Air Blow Gun



Nozzle length	: 10"
Nozzle size	: 6 mm
Max working pressure	: 120 psi
Max air pressure	: 130psi
Brass inlet thread	: 1/4" PT

Customized color & Logo printing design available



ABG-002SF
(Fit with safety nozzle)

ABG002-041

Air Blow Gun



ABG002-101

Air Blow Gun



ABG002-131

Air Blow Gun



ABG002-201

Air Blow Gun



Item Number	Nozzle Length	Nozzle Size	Max Working Pressure	Max Air Pressure	Brass Inlet Thread	Packing
AB5002-041	4"	8 mm	120 psi	200 psi	1/4" (PT, NPT, BSP)	100 Pcs/17.0 Kgs/18.0 Kgs/3.5'
AB5002-101	10"	8 mm	120 psi	200 psi	1/4" (PT, NPT, BSP)	50 Pcs/12.0 Kgs/13.0 Kgs/2.76'
AB5002-131	13"	8 mm	120 psi	200 psi	1/4" (PT, NPT, BSP)	50 Pcs/13.0 Kgs/14.0 Kgs/3.06'
AB5002-201	20"	8 mm	120 psi	200 psi	1/4" (PT, NPT, BSP)	50 Pcs/16.0 Kgs/17.0 Kgs/4.22'

AV248A14

Air Hydraulic Riveter

Air Inlet	: 1/4"
Hose Size I.D.	: 3/8"
Avg/ Air Con.	: 3.5 CFM (99 L/min)
Traction Power	: 2680 LBs / 1219 Kgs
Stroke Length	: 14 mm
Working Pressure	: 80-100 PSI
Blind Rivet Setting	: 3/32"-3/16"
Capacity-mm	(2.4-4.8 mm)
Max Rivet	: AL. & Steel: 4.8 mm
Capacity	Stainless: 4 mm
Rivet Material	: Aluminum/Steel/Stainless
Net Weight	: 1.5 Kgs (3.3 LBs)



AN312A06

Air Hydraulic Rivet Nut Tools

Air Inlet	: 1/4"
Hose Size I.D.	: 3/8"
Avg/ Air Con.	: 1.12 CFM (31.8 L/min)
Traction Power	: 4565 LBs / 2075 Kgs
Stroke Length	: 6 mm
Working Pressure	: 80-100 PSI
Rivet Nut Setting	: M3, M4, M5, M6
Capacity-mm	M8, M10, M12
Max Rivet Nut	: AL. & Steel: M12
Capacity	Stainless: M10
Rivet Material	: Aluminum/Steel/Stainless
Net Weight	: 2.38 Kgs (5.24 LBs)



AV264A19

Air Hydraulic Riveter

Air Inlet	: 1/4"
Hose Size I.D.	: 3/8"
Avg/ Air Con.	: 4.2 CFM (119 L/min)
Traction Power	: 4166 LBs / 1894 Kgs
Stroke Length	: 19 mm
Working Pressure	: 80-100 PSI
Blind Rivet Setting	: 3/32"-1/4"
Capacity-mm	(2.4-6.4 mm)
Max Rivet	: AL. & Steel : 6.4 mm
Capacity	Stainless : 5.6 mm
Rivet Material	: Aluminum/Steel/Stainless
Net Weight	: 2.0 Kgs (4.3 LBs)



AN410A13

Air Hydraulic Rivet Nut Tools

Air Inlet	: 1/4"
Hose Size I.D.	: 3/8"
Avg/ Air Con.	: 3.0 CFM (105 L/min)
Traction Power	: 2680 LBs / 1219 Kgs
Stroke Length	: 6.5 mm
Working Pressure	: 58-95 PSI*
Rivet Nut Setting	: M4, M5, M6,
Capacity-mm	M8, M10
Max Rivet Nut	: AL. & Steel : M10
Capacity	Stainless : M6
Rivet Material	: Aluminum/Steel/Stainless
Net Weight	: 1.63 Kgs (3.59 LBs)



* M4, M5: 58-65 PSI ; M6: 80-85 PSI ; M8, M10: 90-95 PSI

BREAKBACK Window Torque Wrench

- Push-through ratchet allows two direction tightening.
- Tolerance of torque $\pm 4\%$.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



Split and packed in two parts.



Dual scale below window.

Apply revolving handle to turn nut for torque adjustment.



Renewal Kit



Press down smoothly on the handle in direction in dicated by arrow.

Item Number	Square Drive	Teeth	Nm/ft-lb	Graduation	g	L(mm)	case /CTN
ATW0601-34	3/4"	36T	120-600/100-450	10	6600	1060	2
ATW0602-34	3/4"	36T	200-800/150-600	10	7900	1320	1
ATW0603-34	3/4"	36T	300-1000/200-750	20	8060	1550	1
ATW0604-10	1"	36T	120-600/100-450	10	6600	1060	2
ATW0605-10	1"	36T	200-800/150-600	10	7900	1320	1
ATW0606-10	1"	36T	300-1000/200-750	20	8060	1550	1

NUMERIC Window Torque Wrench

- Tolerance of torque $\pm 3\%$.
- CW/CCW direction.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



Quick released design.

LED lights inside.

Pull out knob for adjustment.

Item Number	Square Drive	Teeth	Nm	lbf.ft	Graduation	g	L(mm)	case /CTN
ATW0001-14	1/4"	24T	4-20	3-14.8	0.1	800	368	24
ATW0002-38	3/8"	24T	4-20	3-14.8	0.1	800	368	24
ATW0003-38	3/8"	32T	20-100	15-74	0.5	1200	435	12
ATW0004-12	1/2"	32T	40-200	30-148	1	1470	510	12
ATW0005-12	1/2"	32T	60-340	44-251	2	1670	615	12

Red push button for LED light ; click once again to close. 12V battery is required.

SPLIT-BEAM Window Torque Wrench

- Torque of tolerance: unflexed $\pm 4\%$; flexed $\pm 4\sim \pm 10\%$.
- Non coil-spring mechanism and no need to return to zero after use, which brings longer tool life.



Renewal Kit



Open the hinge cover, adjust setting by knob (PAT.)



Setting display in window

Item Number	Square Drive	Teeth	Swing arc	Nm	ft-lb	Graduation	g	L(mm)	case /CTN
ATW1101-38	3/8"	32T	15	25-130	-	5	950	475	12
ATW1102-12	1/2"	32T	15	70-350	-	5	1705	590	12
ATW1103-38	3/8"	32T	15	-	20-100	2	950	475	12
ATW1104-12	1/2"	32T	15	-	40-250	5	1705	590	12

ROBUST Window Torque Wrench

- Adjustable torque wrench with square drive for controlled tightening
- Tolerance of torque $\pm 4\%$.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



Dual scale below window.

Reliable mechanism : Loud click sound and strong impulse when required torque is reached.

- Turn to left.
- Adjust the torque.
- Turn to right and lock.

Item Number	Square Drive	Teeth	Nm	lbf.ft	Graduation	g	L(mm)	case /CTN
ATW0501-14	1/4"	24T	5-25	3.6-18	0.1	410	296	24
ATW0502-38	3/8"	24T	10-50	7.4-37	0.25	470	333	12
ATW0503-12	1/2"	32T	20-100	15-75	0.5	820	400	12
ATW0504-12	1/2"	32T	40-200	30-150	1	1300	500	12
ATW0505-12	1/2"	32T	60-300	45-220	1	1470	635	12
ATW0506-34	3/4"	24T	100-600	75-440	2	4560	1040	2
ATW0507-34	3/4"	24T	150-800	110-590	5	5192	1161	2
ATW0508-34	3/4"	24T	200-1000	150-740	5	5192	1161	2



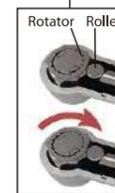
Renewal Kit

SLIPPING Window Torque Wrench

- Unique continuous slipping mechanism eliminates the risk of over tightening.
- Tolerance of torque $\pm 6\%$. (1-5NM, 2-10NM)
- Tolerance of torque $\pm 4\%$. (5-25NM, 10-60NM, 20-100NM)
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



Dual scale below window.



Slipping Mechanism : When the torque value is achieved, the mechanism slips through over the roller and automatic resetting.

- Turn to left.
- Adjust the torque.
- Turn to right and lock.

Item Number	Square Drive	Teeth	Nm	lbf.ft	Graduation	g	L(mm)	case /CTN
ATW0201-14	1/4"	36T	1-5	0.7-3.7	0.05	520	260	24
ATW0202-14	1/4"	36T	2-10	1.5-7.4	0.1	520	260	24
ATW0203-14	1/4"	36T	5-25	3.5-18	0.1	590	320	24
ATW0204-38	3/8"	36T	5-25	3.5-18	0.1	590	320	24
ATW0205-38	3/8"	48T	10-60	8-44	0.25	655	355	24
ATW0206-38	3/8"	48T	25-100	18-75	0.5	1430	475	12
ATW0207-12	1/2"	48T	10-60	8-44	0.25	655	355	24
ATW0208-12	1/2"	48T	25-100	18-75	0.5	1430	475	12
ATW0209-14	1/4"	36T	2-10	20-90 (in-lb)	0.1	520	260	24



Renewal Kit

Digital Torque Adaptor



Item Number	Drive	Torque	Accuracy	Length (mm)	Weight (g)
DTA1201-010	1/2"	10N-m	±2%	75	450
DTA1201-030	1/2"	30N-m	±2%	75	450
DTA1201-060	1/2"	60N-m	±2%	75	450
DTA1201-100	1/2"	100N-m	±2%	75	450
DTA1201-135	1/2"	135N-m	±2%	75	450
DTA1201-200	1/2"	200N-m	±2%	75	450
DTA1201-340	1/2"	340N-m	±2%	75	450
DTA3401-600	3/4"	600N-m	±2%	125	750
DTA3401-800	3/4"	800N-m	±2%	125	750
DTA3401-1000	3/4"	1000N-m	±2%	125	750

Industry Torque Wrench 1/4" ~ 3/4"



Item Number	Drive	Metric	Imperial	Accuracy	Length (mm)	Weight (g)
ATW2101-14006	1/4"	1-6N-m	10-50Lbf.in	±3%	195	260
ATW2101-14020	1/4"	2-20N-m	20-180Lbf.in	±3%	240	320
ATW2101-14025	1/4"	5-25N-m	40-200Lbf.in	±3%	240	320
ATW2101-14030	1/4"	5-30N-m	40-240Lbf.in	±3%	240	320
ATW2101-38025	3/8"	5-25N-m	40-200Lbf.in	±3%	240	350
ATW2101-38060	3/8"	10-60N-m	5-45Lbf.ft	±3%	295	460
ATW2101-38120	3/8"	20-120N-m	10-90Lbf.ft	±3%	410	900
ATW2101-12060	1/2"	10-60N-m	5-45Lbf.ft	±3%	295	480
ATW2101-12120	1/2"	20-120N-m	10-90Lbf.ft	±3%	420	1000
ATW2101-12220	1/2"	40-220N-m	30-160Lbf.ft	±3%	500	1200
ATW2101-12330	1/2"	60-330N-m	30-250Lbf.ft	±3%	560	1300
ATW2101-34400	3/4"	60-400N-m	40-300Lbf.ft	±3%	560	1300

Industry Torque Wrench 3/4" ~ 1"



Item Number	Drive	Metric	Imperial	Accuracy	Length (mm)	Weight (g)
ATW2101-34600	3/4"	100-600N-m	50-450Lbf.ft	±3%	1000	4800
ATW2101-34800	3/4"	150-800N-m	100-600Lbf.ft	±3%	1200	5900
ATW2101-341000	3/4"	200-1000N-m	100-750Lbf.ft	±3%	1200	5900
ATW2101-101500	1"	300-1500N-m	200-1100Lbf.ft	±3%	1800	9800
ATW2101-102000	1"	400-2000N-m	300-1500Lbf.ft	±3%	1800	9800
ATW2101-103000	1"	600-3000N-m	400-2200Lbf.ft	±3%	1800	9800

Interchangeable Torque Wrench



Item Number	Fitting Size	Metric	Imperial	Accuracy	Length (mm)	Weight (g)
ATW4001-912006	9X12	1-6N-m	10-50Lbf.in	±3%	195	210
ATW4001-912025	9X12	5-25N-m	40-200Lbf.in	±3%	240	230
ATW4001-912030	9X12	5-30N-m	40-240Lbf.in	±3%	240	230
ATW4001-912009	9X12	5-25N-m	40-200Lbf.in	±3%	240	230
ATW4001-912060	9X12	10-60N-m	5-45Lbf.ft	±3%	280	350
ATW4001-912120	9X12	20-120N-m	10-90Lbf.ft	±3%	380	800
ATW4001-1418120	14X18	20-120N-m	10-90Lbf.ft	±3%	390	900
ATW4001-1418220	14X18	40-220N-m	30-160Lbf.ft	±3%	475	1170
ATW4001-1418330	14X18	60-330N-m	30-250Lbf.ft	±3%	530	1200

Torque screwdriver CTPMS Series



Torque Screwdriver	Regular Size	Long Tube 224MM
Torque	1-8Nm or 2-10Nm	
Bit Holder	1pc 100mmL bits holder	N/A
Bit Size	S2bits-H1.5,H2,H2.5,H3,H4,H5,H6,H8,PH1,PH2,H10, T6,T7,T8,T9,T10,T15,T20,T25,T30	



24PCS 22H(1/2"DR.)

APACH INSERT-SNAP WRENCH & SUPER SHORT SOCKET SET

AH024A114

- 1Pc 22H Apach Insert-Snap Wrench
- 2Pcs 1/2"Dr. Extension Bar : 5", 10"
- 1Pc 22H x 1/2"Dr. Quick Release Socket Adaptor
- 1Pc 1/2"Dr. Universal Joint
- 19Pcs 22H(1/2"Dr.) 2 Way Super Short Socket: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm
- Packing : 6 Set/21.1 Kg/21.8 Kg/1.7'

AH024A114A

- 1Pc 22H Apach Insert-Snap Wrench
- 2Pcs 1/2"Dr. Extension Bar : 5", 10"
- 1Pc 22H x 1/2"Dr. Quick Release Socket Adaptor
- 1Pc 1/2"Dr. Universal Joint
- 19Pcs 22H(1/2"Dr.) 2 Way Super Short Socket: 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32" 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1" 1-1/16", 1-3/16", 1-1/4"
- Packing : 6 Set/21.1 Kg/21.8 Kg/1.7'



13PCS 17H(3/8"DR.)

SUPER SHORT SOCKET SET

AH013A103

- 13Pcs 17H(3/8"Dr.) 2 Way Super Short Socket: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22mm
- Packing : 40 Set/20 Kg/21 Kg/0.8'



18PCS 17H(3/8"DR.)

APACH INSERT-SNAP WRENCH & SUPER SHORT SOCKET SET (MM/S.A.E)

AH018A113

- 1Pc 17H Apach Insert-Snap Wrench
- 2Pcs 3/8"Dr. Extension Bar 3", 6"
- 1Pc 17H x 3/8"Dr. Quick Release Socket Adaptor
- 1Pc 3/8"Dr. Universal Joint
- 13Pcs 17H(3/8"Dr.) 2 Way Super Short Socket: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22mm
- Packing : 12 Set/16 Kg/17 Kg/1.4'

AH018A113A

- 1Pc 17H Apach Insert-Snap Wrench
- 2Pcs 3/8"Dr. Extension Bar 3", 6"
- 1Pc 17H x 3/8"Dr. Quick Release Socket Adaptor
- 1Pc 3/8"Dr. Universal Joint
- 13Pcs 17H(3/8"Dr.) 2 Way Super Short Socket: 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32" 5/8", 11/16", 3/4", 13/16", 7/8"
- Packing : 12 Set/16 Kg/17 Kg/1.4'



23PCS 17H(3/8"DR.)

APACH INSERT-SNAP WRENCH & SUPER SHORT SOCKET SET

AH023A113

- 1Pc 17H Apach Insert-Snap Wrench
- 1Pc 3/8"Dr. Extension Bar 6"
- 1Pc 17H x 3/8"Dr. Quick Release Socket Adaptor
- 10Pcs 17H(3/8"Dr.) 2 Way Super Short Socket (Metric): 8, 10, 11, 12, 13, 14, 17, 19, 21, 22mm
- 10Pcs 17H(3/8"Dr.) 2 Way Super Short Socket (S.A.E): 5/16", 3/8", 7/16", 15/32", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8"
- Packing : 12 Set/14.5 Kg/15.5 Kg/1.4'



31PCS 17H(3/8"DR.)

APACH INSERT-SNAP WRENCH & SUPER SHORT SOCKET SET (MM/S.A.E)

AH031A113

- 11Pc 17H Apach Insert-Snap Wrench
- 1Pc 17H x 3/8"Dr. Quick Release Socket Adaptor
- 2Pcs 3/8"Dr. Extension Bar 3", 6"
- 1Pc 3/8"Dr.(M) x 1/4"Dr.(F) 3 Way Adaptor
- 1Pc 3/8"Dr. Universal Joint
- 13Pcs 17H(3/8"Dr.) 2 Way Super Short Socket: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22mm
- 1Pc 17H x 1/4"Dr. Quick Release Socket Adaptor
- 2Pcs 1/4"Dr. Extension Bar 2", 6"
- 9Pcs 1/4"Dr. Socket: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm
- Packing : 12 Set/18.5 Kg/19.5 Kg/1.4'

AH031A113A

- 1Pc 17H Apach Insert-Snap Wrench
- 1Pc 17H x 3/8"Dr. Quick Release Socket Adaptor
- 2Pcs 3/8"Dr. Extension Bar 3", 6"
- 1Pc 3/8"Dr.(M) x 1/4"Dr.(F) 3 Way Adaptor
- 1Pc 3/8"Dr. Universal Joint
- 13Pcs 17H(3/8"Dr.) 2 Way Super Short Socket: 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32" 5/8", 11/16", 3/4", 13/16", 7/8"
- 1Pc 17H x 1/4"Dr. Quick Release Socket Adaptor
- 2Pcs 1/4"Dr. Extension Bar 2", 6"
- 9Pcs 1/4"Dr. Socket: 5/32", 3/16", 7/32", 1/4", 9/32" 5/16", 11/32", 3/8", 7/16"
- Packing : 12 Set/18.5 Kg/19.5 Kg/1.4'



76PCS 11(1/4"DR.)

APACH INSERT-SNAP WRENCH & SUPER SHORT SOCKET (MULTI LOCK) SET

AH8021763

- 1Pc 11H Apach Insert-Snap Wrench
- 1Pc 11H x 1/4"Dr. Extension Bar
- 13Pcs 11H x 1/4"Dr. Super Short Multi Lock Socket : 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- 1Pc 1/4"Hex x 60mmL Bit Holder
- 60Pcs 1/4"Hex Shank Bits x 25mmL: PH: 0, 1, 2, 2, 3, 4 ; PZ: 0, 1, 2, 2, 3, 4 SL: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8 ; Spline: M5, 6, 8 Hex: 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8 Tx: 10, 15, 20, 25, 27, 30, 40, 45 Tx Tamper: 10, 15, 20, 25, 27, 30, 40, 45 Ts Tamper: 10, 15, 20, 25, 27, 30, 40, 45, 50
- Packing : 12 Set/12 Kg/13 Kg/1.4'





25PCS 1/4"DR.

APACH INSERT-SNAP WRENCH & SUPER SHORT SOCKET & BIT SET

AH025A412

- 1Pc 1/4"Dr. 72T Apach Insert-Snap Ratchet Wrench
- 1Pc 1/4"Dr. Bit Adaptor
- 10Pcs 1/4" Shank x 25mmL Bit :
Slot : 4, 5, 6 ; Phillips : 1, 2 ; Tx-Star : T10, 15, 20, 25, 27
- 13Pcs 1/4"Dr. Super Short Socket x 19mmL :
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- Packing : 20 Set/11 Kg/12 Kg/1.17'



40PCS 10 mm

APACH INSERT-SNAP WRENCH & BIT SET

AH040A520

- 1Pc 2 Way 10mm Apach Insert-Snap Wrench
- 1Pc Extension Bar 75mmL
- 38Pcs 10mm Bit x 30mmL:
Torx : T10, 15, 20, 25, 27, 30, 40, 45, 50, 55
Torx Tamper : T10H, 15, 20, 25, 27, 30, 40, 45, 50, 55
Hex: H4, 5, 6, 7, 8, 10 ; Spline: M4, 5, 6, 8, 10, 12
Ribe: RM5, 6, 7, 8, 9, 10

AH040A520P

- 1Pc 2 Way 10mm Apach Insert-Snap Wrench
- 1Pc Extension Bar 75mmL
- 38Pcs 10mm Bit x 30mmL :
Torx : T10, 15, 20, 25, 27, 30, 40, 45, 50, 55
Torx Tamper : T10H, 15, 20, 25, 27, 30, 40, 45, 50, 55
Torx-Plus : IP10, 15, 20, 25, 27, 30, 40, 45, 50
Torx-Plus Tamper : IPR10, 15, 20, 25, 27, 30, 40, 45, 50



ASK-4111

3/8"DR. Super Short Universal (Bit) Socket (12 point, E-Socket and Bit Socket)

- E - socket : E10, E11, E12, E14, E16, E18, E20, E22, E24
- 12 point : 10~22mm
- Bit socket : H4~H10, H12
T10~T40, T45, T50, T55, T60
TH10~TH40, TH45, TH50, TH55, TH60
M4~M8, M10, M12



ATW6101-38 3/8"DR. Insert-Snap Wrench



▲ Feature

- With a socket attached, our insert - snap wrench is also shorter than traditional wrench!
- Built-in Square Drive Design

ATW6201 Interchangeable Insert-Snap Ratchet Wrench Set



3-IN-1 INTERCHANGEABLE 11H INSERT-SNAP RATCHET WRENCH SET

- CONTENT :
- 1PC- 11H Insert-Snap Wrench
 - 1PC- 11H x 1/4"H Bit Adaptor (with magnet)
 - 1PC- 11H x 1/4"Dr. Adaptor
 - 1PC- 11H x 3/8"Dr. Adaptor

4-IN-1 INTERCHANGEABLE 17H INSERT-SNAP RATCHET WRENCH SET

- CONTENT :
- 1PC- 17H Insert-Snap Wrench
 - 1PC- 17H x 1/4"H Bit Adaptor (with magnet)
 - 1PC- 17H x 1/4"Dr. Adaptor
 - 1PC- 17H x 3/8"Dr. Adaptor
 - 1PC- 17H x 1/2"Dr. Adaptor



Handle with storage function.

HOSE REELS



- Material : Polyurethane Braid Hose
- Maximum Working Pressure : 220 PSI / 15 BAR
- Working Temperature : -20° C to +60° C
- Features : 360° Rotary Base for High Efficiency

Hose Reels

Item Number	Hose Length		Hose Length	
	mm	Inch	mm	Inch
HR026530	6.5	1/4"	30	100
HR026550	6.5	1/4"	50	165
HR028020	8.0	5/16"	20	66
HR028030	8.0	5/16"	30	100
HR028040	8.0	5/16"	40	132
HR028520	8.5	11/32"	20	66
HR028530	8.5	11/32"	30	100
HR029520	9.5	3/8"	20	66
HR029530	9.5	3/8"	30	100
HR021020	10.0	13/32"	20	66

Bulk Reels

Item Number	Hose Size (ID x OD)	Length (M)
PUB-050800	5 x 8 mm	10, 20, 30, 50, 100
PUB-065100	6.5 x 10 mm	10, 20, 30, 50, 100
PUB-080120	8 x 12 mm	10, 20, 30, 50, 100
PUB-085125	8.5 x 12.5 mm	10, 20, 30, 50, 100
PUB-100150	10 x 15 mm	10, 20, 30, 50, 100
PUB-110160	11 x 16 mm	10, 20, 30, 50, 100
PUB-130190	13 x 19 mm	10, 20, 30, 50, 100

All sizes of Re-coil Hose are also available.
Contact our customer service for more information.

AV140A40

Air Pressure Regulator

Control stable air pressure from 40 PSI to 140 PSI.



Impact Sockets (CR-MO)

Product Name	Material	Drive (Dr.)	Features & Application
Short Impact Socket	CR-MO / CR-V	1/2", 3/4", 1"	Durable for high torque impact use
Deep Impact Socket	CR-MO	1/2", 3/4", 1"	Extra length to reach nuts on long threaded shafts.
Alloy Wheel Impact Socket	CR-MO	1/2"	For aluminum wheels
Thin Wall Impact Socket	CR-MO	1/2", 3/4", 1"	Fits narrow spaces and rims
BUD Socket	CR-MO	1"	Specifically for inner/outer nuts on truck BUDD wheels.



Hand Tool Sockets (CR-V) ANSI & DIN Standards

Product Name	Drive (Dr.)	Features & Application
Standard Sockets	1/4", 3/8", 1/2"	Regular depth, 6PT / 12PT
Deep Hand Sockets	1/4", 3/8", 1/2"	Extended reach for recessed bolts
E Socket (STAR)	1/4", 3/8", 1/2"	For external Torx bolts (E4-E24)
Super Short Hand Socket	1/4"	Fits narrow spaces
Universal Hand Sockets	3/8", 1/2"	Swivel-style, ideal for angled access
Hex/Torx Bit Sockets	1/4", 3/8", 1/2"	Integrated hex or star bit for specialized screws



Other Sockets & Accessories

Product Name	Notes
- Impact Adaptors	
- Socket Bit Holders	
- Universal Joints	Custom & standard types available
- Extension Bar	
- Torque Wrench Adaptors	



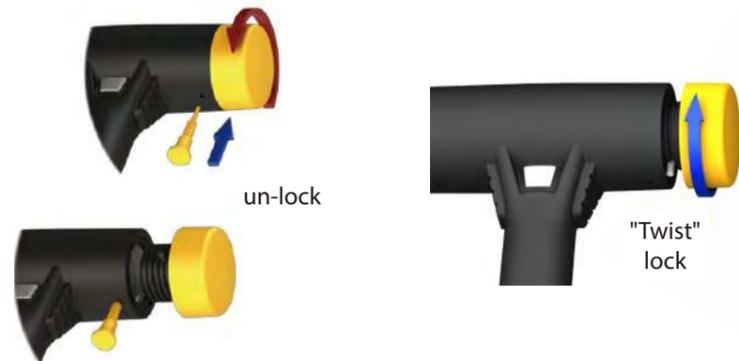
Custom Available - Contact Us

Schonhammer

Five Types of Rubber / Metal Heads Replaceable
Patented Locking Design Ensure User's Safety

▲ Features

- Hammer Heads Replaceable (Two Sides) - Five Types of Hammer Heads
- Get One Hammer Instead of Buying Several Traditional Hammers
- Traditional Hammers like Mallet Rubber, Mallet Soft Faced, Mallet Copper & Rawhide Could be Replaced
- Patented Special Design: Locking System -Make Working Environment Safer!
- Well Balanced Handle



▲ Hardness Comparison for Each Hammer Heads



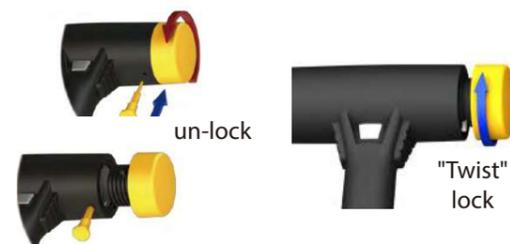
Dead Blow Schonhammer

Various Types of Heads Replaceable



▲ Features

- deliver a strong, controlled strike with minimal rebound or damage to the workpiece
- Used for heavy-duty applications
- Filled with steel shot, which absorbs shock and prevents the hammer from bouncing back after impact.
- Ergonomic handle for comfort and reduced user fatigue.
- Versatile applications: Automotive work, machining & metalworking, woodworking, construction & maintenance.
- Available as a set with smaller Schonhammer for flexibility in different tasks.



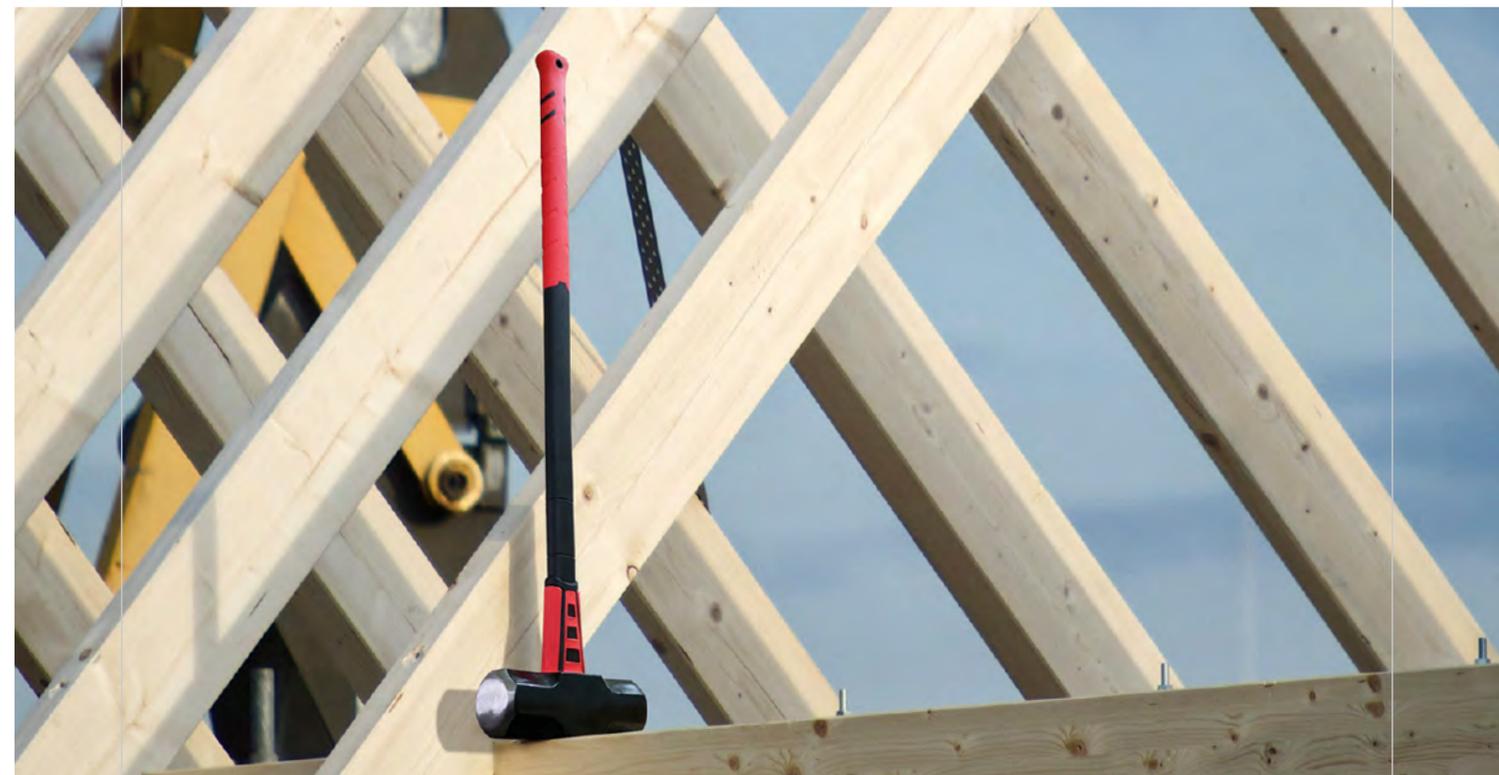
Sledge Hammer

92cm Handle with Hammer Head in :
8lb ca. 4Kg
10lb ca. 5Kg
16lb ca. 8Kg



▲ Features

- Fiberglass re-inforced handle
- Large Soft-Grip Handle Area
- Super Glued Non-Come-Off Head
- Extra layer neck protection for absorbing hits
- Overall length 92cm and total weight ca. 5Kg
- Individual Packaging





2025.10

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