



POWER TOOLS

2018



AIMCO

For over 40 years AIMCO has been working with manufacturers around the world. We are the complete global source for all critical fastening and bolting solutions. AIMCO can effectively and swiftly meet your needs whether you're in Thailand fastening a 3 mm nut at 3 Nm, or in Tennessee, USA torquing the last lug nut. AIMCO provides the tools and solutions, on a global scale, that guarantee the success of your project. It is with great pride that AIMCO can say the products that we manufacture are **MADE IN THE USA.**

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* **E** logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

ERGO-DRIVE sockets are uniquely designed for repeatable, accurate rundowns. They also ensure excellent product quality, longer tool life, and better ergonomics for the tool user. Look for the ERGO-DRIVE **E** logo in this catalog to see where ERGO-DRIVE sockets/extensions benefit tool operation, operator, and rundown.

ACRADYNE HIGH TORQUE PNEUMATIC TOOLS

FEATURES AND BENEFITS

AcraDyne's High Torque Pneumatic Bolting Tools offer a reliable and dependable solution for the installation and removal of heavy-duty fasteners. Appropriate for use in industries requiring high torque capability, accuracy, power, and safety.

- Modular design allows for ease of maintenance
- Interchangeable motors and gearing
- Same proven and reliable gearbox as the AcraDyne DC line
- One-hand reverse



AAP1B66600A



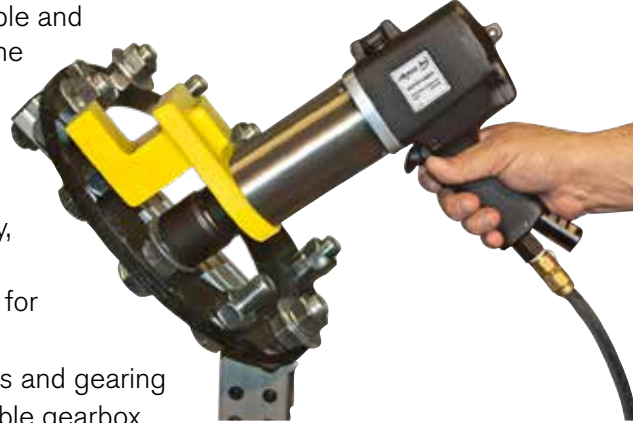
AAP1B76950A



AAP1B772000A



AAP1B885100A



| MODEL | TORQUE | | SPEED (RPM) | WEIGHT (LB) | SQUARE DR. (IN) | AIR CONSUMPTION (CFM) |
|--------------|--------|---------|----------------|----------------|--------------------|--------------------------|
| | (NM) | (FT-LB) | | | | |
| AAP1B66400A | 400 | 300 | 57 | 9.75 | 3/4 | 22.9 |
| AAP1B66600A | 600 | 450 | 39 | 9.75 | 3/4 | 22.9 |
| AAP1B66850A | 850 | 625 | 27 | 9.75 | 3/4 | 22.9 |
| AAP1B76950A | 950 | 700 | 31 | 10.4 | 3/4 | 26.3 |
| AAP1B771350A | 1,350 | 1,000 | 22 | 10.4 | 1 | 26.3 |
| AAP1B772000A | 2,000 | 1,475 | 14 | 12.7 | 1 | 26.3 |
| AAP1B772950A | 2,950 | 2,175 | 9 | 14.9 | 1 | 26.3 |
| AAP1B885100A | 5,100 | 3,775 | 8 | 23 | 1-1/2 | 31.5 |

AIR PREPARATION UNITS

Many stacking filter/regulator combinations are available. See page 6 for options.



AFRL-4



AFRL-4HTA
Standalone Unit

28178
HT Air Tool/AFRL
Carrying Kit



ACRADYNE HIGH TORQUE HIGH-SPEED PNEUMATIC TOOLS

Our High-Torque High-Speed Pneumatic Bolting Tools offer a reliable and dependable solution for the installation and removal of heavy-duty fasteners with high torque capability, accuracy, power, and safety.

FEATURES AND BENEFITS

- Dual motor design provides extremely fast rundown speed
- Improved torque to weight ratio
- Full swivel gearcase facilitates reaction bar positioning for ease of use and operator comfort
- Handle exhaust with low sound level
- Uses the same durable and reliable gearbox from our DC line of high torque tools
- Modular design allows for easy maintenance
- Two-piece handle construction enables flexible handle design
- Available in reversible and non-reversible models



AAP2B771400A



AAP2B772000A



AAP2B773000AR

| MODEL | TORQUE | | SPEED (RPM) | WEIGHT | | LENGTH | | SQUARE DR. (IN) |
|--------------|--------|---------|----------------|--------|------|--------|------|--------------------|
| | (NM) | (FT-LB) | | (LB) | (KG) | (IN) | (MM) | |
| AAP2B76250A | 250 | 185 | 660 | 10.5 | 4.8 | 10 | 255 | 3/4 |
| AAP2B76450A | 450 | 330 | 335 | 10.5 | 4.8 | 10 | 255 | 3/4 |
| AAP2B76650A | 650 | 480 | 223 | 10.5 | 4.8 | 10 | 255 | 3/4 |
| AAP2B76950A | 950 | 700 | 153 | 10.5 | 4.8 | 10 | 255 | 3/4 |
| AAP2B771400A | 1,400 | 1,000 | 110 | 14.6 | 6.6 | 10 | 255 | 1 |
| AAP2B772000A | 2,000 | 1,475 | 63 | 14.8 | 6.7 | 11.2 | 284 | 1 |
| AAP2B773000A | 3,000 | 2,210 | 52 | 15.0 | 6.8 | 11.6 | 293 | 1 |
| AAP2B785100A | 4,800 | 3,540 | 26.5 | 19.7 | 8.9 | 13.3 | 338 | 1.5 |

| REVERSIBLE MODEL | TORQUE | | SPEED (RPM) | WEIGHT | | LENGTH | | SQUARE DR. (IN) |
|---------------------|--------|---------|----------------|--------|------|--------|------|--------------------|
| | (NM) | (FT-LB) | | (LB) | (KG) | (IN) | (MM) | |
| AAP2B76250AR | 250 | 185 | 660 | 12.3 | 5.6 | 12.5 | 317 | 3/4 |
| AAP2B76450AR | 450 | 330 | 335 | 12.3 | 5.6 | 12.5 | 317 | 3/4 |
| AAP2B76650AR | 650 | 480 | 223 | 12.3 | 5.6 | 12.5 | 317 | 3/4 |
| AAP2B76950AR | 950 | 700 | 153 | 12.3 | 5.6 | 12.5 | 317 | 3/4 |
| AAP2B771400AR | 1,400 | 1,000 | 110 | 16.4 | 7.4 | 12.6 | 319 | 1 |
| AAP2B772000AR | 2,000 | 1,475 | 63 | 16.6 | 7.5 | 13.6 | 346 | 1 |
| AAP2B773000AR | 3,000 | 2,210 | 52 | 16.8 | 7.6 | 14.0 | 356 | 1 |
| AAP2B785100AR | 4,800 | 3,540 | 26.5 | 21.5 | 9.7 | 15.8 | 400 | 1.5 |

AIR PREPARATION UNITS

AFRL STACKING FILTER/REGULATORS

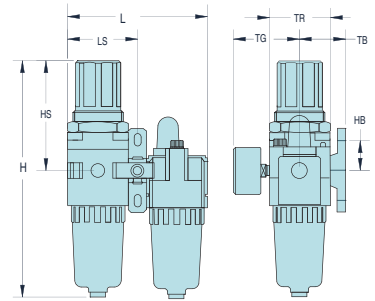
Stacking filter/regulator combinations provide air filtration and precise regulation in a single unit for easy mounting and installation.

FEATURES AND BENEFITS

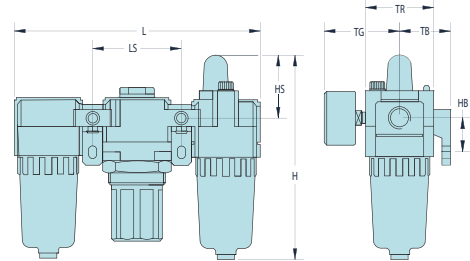
- All models include L-mount bracket, gauge, and metal bowl shields
- Polycarbonate filter and lubricator bowls (metal bowls standard on AFRL-8)
- 25-micron filter included on all models
- Regulating range: 7 – 125 PSI
- Custom order upgrade items include metal bowl, 5 micron filter, semi-automatic filter drain, and reduced PSI range regulator. Contact an AIMCO Customer Service Associate for more information, 1-503-254-6600, or toll free 1-800-852-1368



AFRL-2-C
AFRL-3-C



AFRL-3
AFRL-4
AFRL-8



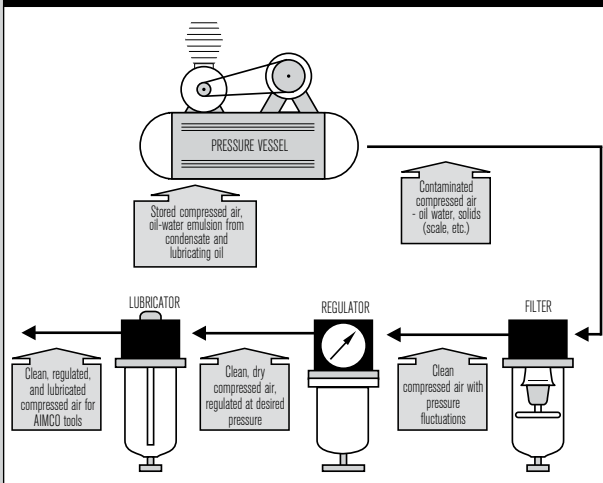
28178
HT Air Tool/AFRL
Carrying Kit



AFRL-4HTA
Standalone Unit

| MODEL | PORT | GAUGE PORT | FLOW RATE CFM | FLOW RATE L/MIN | BOWL SHIELD | H IN/MM | HB IN/MM | HS IN/MM | L IN/MM | LS IN/MM | TB IN/MM | TG IN/MM | TR IN/MM |
|----------|------|------------|---------------|-----------------|-------------|---------------|-------------|--------------|---------------|--------------|-------------|-------------|-------------|
| AFRL-2 | 1/4" | 1/8" | 70 | 2,000 | yes | 6.16 (156.5) | 1.39 (35.3) | 1.50 (38.1) | 7.13 (181.1) | 2.52 (64.0) | 1.61 (41.0) | 2.39 (60.7) | 2.09 (53.1) |
| AFRL-2-C | 1/4" | 1/8" | 60 | 1,700 | yes | 8.31 (211.1) | 1.38 (35.1) | 3.64 (92.5) | 4.61 (117.1) | 2.30 (58.4) | 1.61 (40.9) | 2.39 (60.7) | 2.09 (53.1) |
| AFRL-3 | 3/8" | 1/4" | 140 | 4,000 | yes | 7.54 (191.5) | 1.57 (40.0) | 1.61 (40.9) | 9.37 (238.0) | 3.31 (84.1) | 1.97 (50.0) | 2.58 (65.5) | 2.76 (70.1) |
| AFRL-3-C | 3/8" | 1/4" | 105 | 3,000 | yes | 10.31 (261.9) | 1.57 (39.9) | 4.41 (112.0) | 6.06 (153.9) | 3.03 (77.0) | 1.97 (50.0) | 2.58 (65.5) | 2.76 (70.1) |
| AFRL-4 | 1/2" | 1/4" | 140 | 4,000 | yes | 7.54 (191.5) | 1.57 (40.0) | 1.61 (40.9) | 9.37 (238.0) | 3.31 (84.1) | 1.97 (50.0) | 2.58 (65.5) | 2.76 (70.1) |
| AFRL-8 | 1" | 1/4" | 180 | 5,000 | yes | 10.69 (271.5) | 1.97 (50.0) | 1.89 (48.0) | 11.81 (300.0) | 4.13 (104.9) | 2.75 (69.9) | 2.97 (75.4) | 3.54 (89.9) |

AIR PREPARATION UNITS: BASIC FUNCTIONS



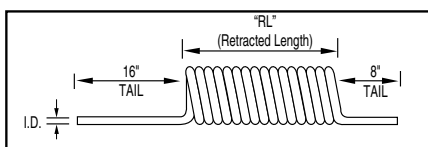
The supply of clean, dry air is essential to the operation of pneumatic powered tools. Use only clean filtered air for longer tool life. Provide proper airflow (CFM) and regulate air pressure (PSI) for optimum performance.

To determine unit size for application, you need to know:

- Total air flow (CFM) required for application
- Size of incoming air line and size of air line required by tool
- Air supply pressure (PSI)
- Allowable pressure drop
- Does the application require lubrication?
- Does the overall system have the required capacity?

ACRADYNE HT PNEUMATIC TOOL ACCESSORIES

Polyurethane Hose for HT Tools



Custom length coil assemblies and special colors available in minimum order quantities. Contact an AIMCO Customer Service Associate, 1-503-254-6600, or toll free 1-800-852-1368.

- Durable Polyurethane is chemical resistant and lightweight, and provides excellent recoil memory and maximum flexibility
- Available in transparent hose color (opaque also available)
- Assemblies for coiled hose include reusable swivel fitting. Straight hose available with or without fittings
- Working temperature: -104°F to 175°F
- Working pressure: 100 PSI

SINGLE AIR HOSE ASSEMBLIES (COILED)

| MODEL | DESCRIPTION (O.D. x I.D. x LENGTH) | RETRACTED LENGTH | NPT FITTINGS |
|----------------|------------------------------------|------------------|--------------|
| ASH-500C-15MSZ | 3/4" x 1/2" x 15' | 13" | 1/2" |
| ASH-500C-25MSZ | 3/4" x 1/2" x 25' | 23" | 1/2" |



STRAIGHT AIR HOSE (SOLD PER FOOT)

| MODEL | DESCRIPTION |
|----------|-------------|
| ASH-500Z | 1/2" I.D. |

Contact an AIMCO Customer Service Associate about full reel pricing, 1-503-254-6600, or toll free 1-800-852-1368.

Rubber Hose for HT Tools



- Designed for use in a wide range of industrial, construction, and agricultural applications
- Constructed of high grade, reinforced EPDM synthetic rubber
- Working temperature: -40°F to 190°F

SINGLE AIR HOSE (RUBBER)

| I.D. | O.D. | LENGTH | WORKING PRESSURE | WEIGHT |
|------|-------|--------|------------------|--------|
| 1/2" | 0.81" | 10 ft | 200 psi | 2.0 lb |
| 5/8" | 0.97" | 10 ft | 200 psi | 2.7 lb |
| 3/4" | 1.12" | 10 ft | 200 psi | 3.4 lb |

Custom lengths available. Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.

REACTION BARS

Tool includes standard, spline attachment reaction device. Custom reaction devices are available; contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.



Air Line Fittings



PLUGS

| MODEL | DESCRIPTION |
|-------|-----------------|
| 28161 | 1/2" x 1/4" MPT |
| 28162 | 1/2" x 3/8" MPT |
| 28163 | 1/2" x 1/2" MPT |
| 28164 | 1/2" x 1/2" FPT |



QUICK-CHANGE COUPLERS

| MODEL | DESCRIPTION |
|-------|-------------|
| 27768 | 1/2" FPT |
| 27769 | 1/2" MPT |



PROTECTIVE COUPLER

| MODEL | DESCRIPTION |
|-------|-------------|
| 27771 | Vinyl |



SWIVEL FITTING

| MODEL | CAPACITY |
|--------|-------------------------|
| 500-SZ | 1/2" NPT Swivel Fitting |

HIGH TORQUE BATTERY TOOLS

AcraDyne's High Torque Battery Tools provide plenty of power in a compact package. The tool's low weight and ergonomic design ensure excellent mobility, flexibility, and efficiency, even when working in limited spaces. The low-wear brushless synchronous motor is maintenance free, reducing running costs.

FEATURES AND BENEFITS

- Battery driven two-speed torque multiplier for torques from 90 Nm to 4,000 Nm (65 to 2,950 ft-lb)
- Short fastening cycles: Fast gear for run down and power gear for highest torques and precision
- Mobile and always ready for use: Compact design for convenient use in limited spaces
- Efficient operation: Fast and easy gear-changing, great torque range – choose from 22 torque values
- Very low susceptibility to damage and failure: Motor housing made of special polymer that is break-proof, impact-proof, and resistant to corrosion
- Intelligent energy management and faster workflow: Electronics protect battery cells from overcharging and depth discharge



PERQ Advantages

PRODUCTIVITY • Two Lithium-Ion battery packs ensure up to 360 tightenings. Each battery features an LED charge level indicator

ERGONOMICS • Low weight relative to the torque delivered
• Ergonomically designed
• Low noise emissions

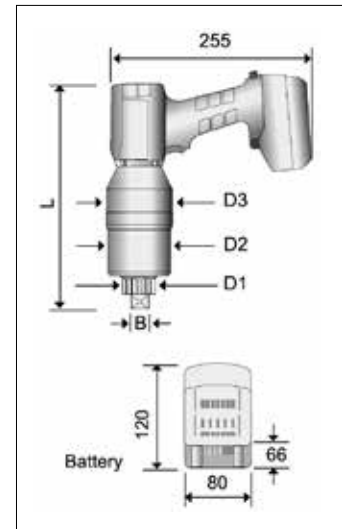
RELIABILITY • Low-wear brushless, synchronous motor is maintenance free

QUALITY • Exact shut-off torque even at low battery levels



Each tool comes with two 18 V, 5.2 Ah lithium-ion batteries and a battery charger. Battery and charger are also available to purchase separately.

Battery: ABG-B1852
110V Charger: ABG-C110
220V Charger: ABG-C220



| MODEL* | TORQUE RANGE** | | SQ. DRIVE IN | DIAMETER | | | LENGTH | | WEIGHT | | IDLE SPEED (RPM) | |
|-------------|----------------|-------------|-----------------|----------------|----------------|----------------|--------|-----|--------|-----|------------------|----------|
| | NM | FT-LB | | D ₁ | D ₂ | D ₃ | IN | MM | LB | KG | 1ST GEAR | 2ND GEAR |
| ABG860-KIT | 115 - 860 | 85 - 635 | 3/4 | 41 mm / 1.6 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 11.6 | 295 | 12.1 | 5.5 | 7.0 | 24.0 |
| ABG1400-KIT | 150 - 1,400 | 110 - 1,030 | 3/4 | 41 mm / 1.6 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 11.6 | 295 | 12.1 | 5.5 | 4.0 | 13.0 |
| ABG2200-KIT | 250 - 2,200 | 185 - 1,620 | 1 | 54 mm / 2.1 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 12.6 | 320 | 15.4 | 7.0 | 2.0 | 6.5 |
| ABG2800-KIT | 300 - 2,800 | 220 - 2,065 | 1 | 54 mm / 2.1 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 13.6 | 345 | 16.3 | 7.4 | 1.7 | 6.0 |
| ABG3200-KIT | 360 - 3,200 | 265 - 2,360 | 1 | 72 mm / 2.8 in | 93 mm / 3.7 in | 97 mm / 3.8 in | 14.6 | 370 | 16.3 | 7.4 | 1.5 | 5.0 |
| ABG4100-KIT | 500 - 4,100 | 370 - 3,025 | 1-1/2 | 72 mm / 2.8 in | 93 mm / 3.7 in | 97 mm / 3.8 in | 14.6 | 370 | 20.1 | 9.1 | 1.0 | 4.0 |

* Each tool comes in a kit, which includes the tool, two 18V / 5.2 Ah Li-ion batteries, and a battery charger.

** When loosening bolts, a higher torque (up to 20%) may be necessary (release torque).

AIMCO PULSE TOOLS: OVERVIEW

HOW DOES A PULSE TOOL WORK?

The unique design of a pulse tool, combining motor power and hydraulics, leads to an assembly tool that produces smooth, controlled torque in a series of very fast (2 – 4 ms) events and virtually no torque reaction.

- At free-speed, the entire pulse unit, a sealed cylinder containing hydraulic fluid and an output shaft, rotates at the same speed as the tool motor
- As resistance to rotation increases, the rotation of the output shaft slows, while the rotation of the

cylinder and the hydraulic fluid continues until they approach a seal point within the cylinder

- This seal point produces an increase in fluid pressure and transmits the energy from the rotational mass of the cylinder and fluid to the output shaft, producing torque on the fastener
- After a series of these cycles (pulses), fluid pressure builds to a point that overcomes the limit of a relief valve, allowing pressure to drop and torque to be controlled

TIMELINE

1965

NEW TECHNOLOGY

The first pulse tool prototype was designed in an attempt to provide a tool that would provide torque control without the high maintenance costs of impact wrenches.



1980

U SERIES

Uryu produces the U-series, the first pulse tools to be available commercially for assembly. The U-Series evolves over the next several years to cover torque ranges from 4 – 850 Newton meters and finally, the development of full-shut-off tools. The lack of torque reaction and accurate, repeatable torque makes these tools a manufacturer standard.



1988

EC SERIES

The EC Series (and later the MC Series) combines the advantages of pulse tools with the technology of controlled tools. By incorporating a transducer into the design of the U-Series pulse tool, customers gain the Productivity and Ergonomics of pulse tools and the traceability and control of other transducerized assembly tools. Manufacturers with safety critical applications now have many more options for assembly tools.



2006

UEP-MC SERIES

Uryu does what no other manufacturer can by developing the UEP series, the first and only electric powered pulse tool. The lower speeds, quiet operation, and extremely repeatable torque make the UEP the perfect choice for applications where accuracy and clean operation are critical. By combining programmable tool speed with the MC-style transducer, extremely accurate and repeatable torque is achieved on a variety of applications.



2012

UDP-MC CONTROLLED SERIES

Uryu introduced the UDP-MC controlled series – smaller, lighter electric pulse tools that have an integrated fan unit. The state-of-the-art UECD controller with a built-in driver box eliminates the need for a secondary driver box in the system configuration.



OMEGA PULSE TOOLS: OVERVIEW

BENEFITS OF AIMCO PULSE TOOLS:

Pulse tools offer advantages in all of the PERQ® elements – productivity, ergonomics, reliability and quality.

By partnering with AIMCO, manufacturers can apply the advantages of pulse tools in many ways to reduce production costs and increase profits.

- Productivity – Combining high operating speeds with one-handed operation, AIMCO pulse tools help manufacturers produce at the highest possible rates
- Ergonomics – Light weight, low vibration and no torque reaction make AIMCO pulse tools the safest assembly tools available for threaded assembly
- Reliability – Advances in design and AIMCO's extensive maintenance and training programs add up to years of low cost service from any AIMCO pulse tool
- Quality – AIMCO pulse tools offer the most repeatable torque and clamp load results of any assembly tool, guaranteeing high product quality for manufacturers

1995

ALPHA SERIES

The Alpha-series continued Uryu's advancements in pulse-tool design. In order to achieve the best possible power-to-weight ratio, the Alpha 9-blade, twin chamber air motor is developed. Still unique today, this new motor provides significantly more power, thereby, reducing cycle times and improving torque repeatability. The new Alpha air motor and design changes make the tools smaller and lighter, keeping Uryu at the forefront of pulse tool technology.



2001

ULT / UL SERIES

Continuous innovations and developments include a new O-ring design that improves durability, roller bearings in the pulse unit to increase hydraulic fluid life and redesigned porting helps maintain fluid temperature and torque repeatability. UL tools, with their non-shut off operation, are ideal for applications where the lightest, fastest tool is necessary. Each model features the powerful Alpha air motor and latest in pulse unit design.



2013

UA-AMC CONTROLLED PULSE SERIES

The UA-AMC Series features angle measurement for improved process control. It detects cross threading, double hits on the same fastener, stripped and damaged fastener threads and incorrect fasteners. It also features patented Auto Relief Technology, which modulates the beginning of the torque event, increases pulse frequency, and reduces resistance during the non-pulsing portion of the cycle. This shortens cycle time and increases fluid life.



UAT SERIES

In 2013, Uryu developed and patented the latest innovation in Pulse Tool technology. Auto Relief (PAT) enables efficient delivery of torque energy to the application. Auto Relief responds to ever-changing pressures in the pulse unit, applying its energy in a smooth manner to the joint as the torque is developed. The Auto Relief valve is fully open during free run and automatically closes when torque resistance is sensed. No adjustment required. Benefits include elimination of initial torque spike on hard joints, reduction in oil flow resistance, and maximized performance of the tool.

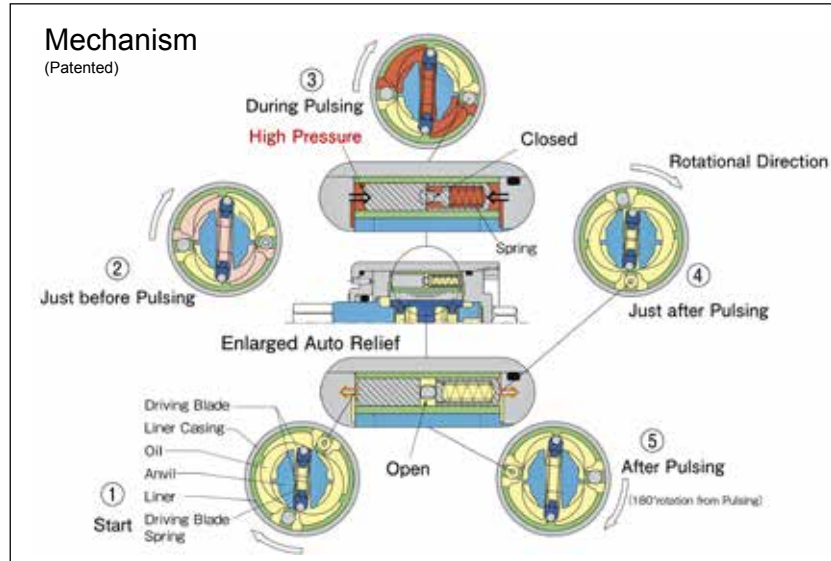


OMEGA PULSE TOOLS: UAT SERIES

PATENTED AUTO RELIEF TECHNOLOGY:

UAT features patented Auto Relief Technology providing additional control to the application of torque during the pulsing events.

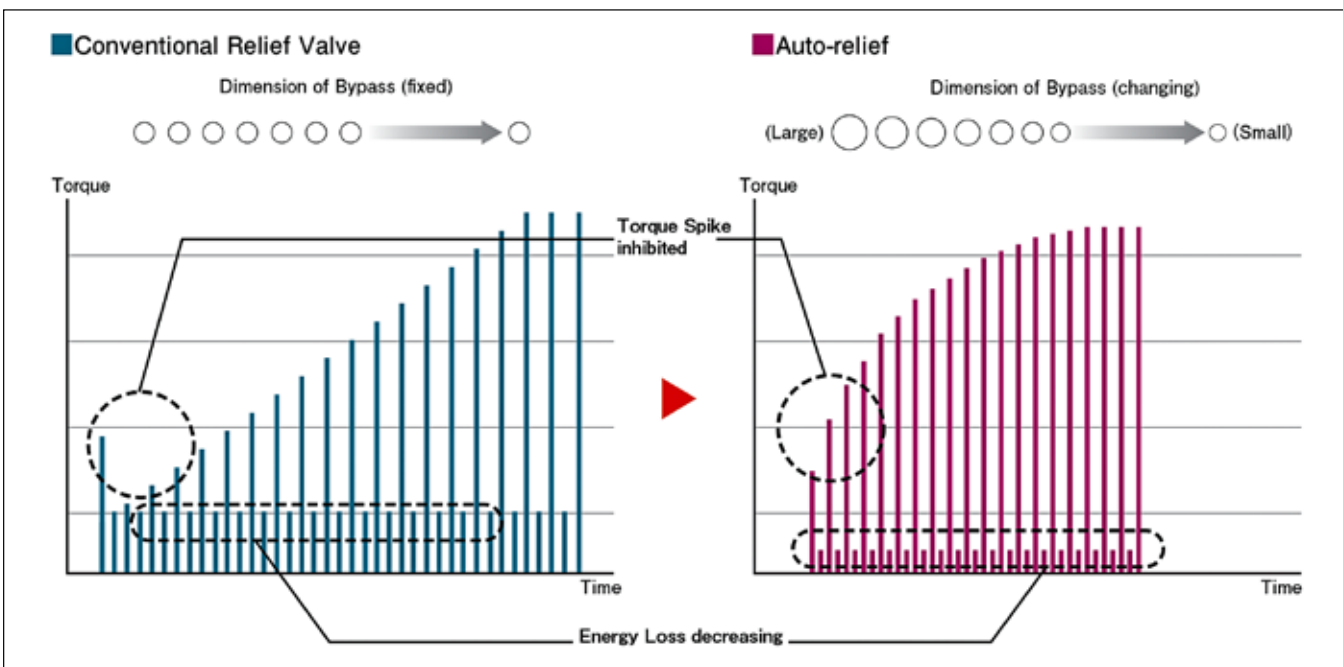
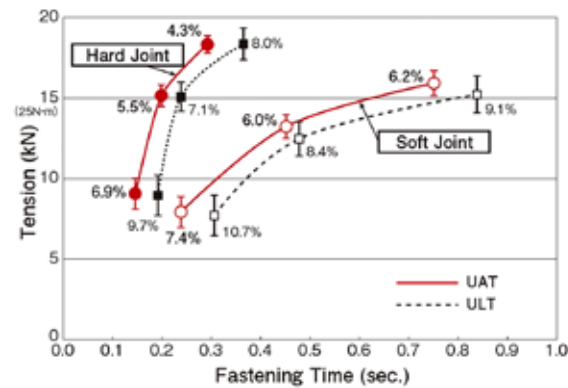
- Auto Relief eliminates initial spike of torque during a cycle. Highly effective on hard joint applications
- Auto Relief ramps up pressure within the pulse unit resulting in more pulses in less time providing a more efficient and even torque event



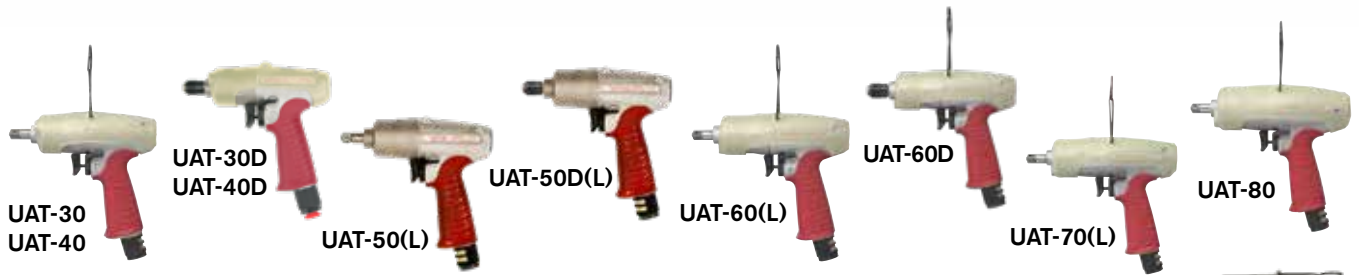
A NEW LEAP FORWARD IN PRODUCTIVITY AND QUALITY:

- Fastening accuracy and time can be improved by as much as 30% depending on application

■ Fastening efficiency comparison (UAT vs ULT)



OMEGA PULSE TOOLS: UAT SERIES



PISTOL SHUT-OFF

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED RPM | TORQUE RANGE NM | TORQUE RANGE FT-LB | WEIGHT LB | WEIGHT KG | OVERALL LENGTH IN | OVERALL LENGTH MM | DRIVE IN | SOUND LEVEL dB(A) | AIR USAGE CFM |
|----------|-------------------|--------------------|-----------------------|--------------|--------------|----------------------|----------------------|-------------|----------------------|------------------|
| UAT-30D | 4,200 | 2.5 - 5.5 | 1.9 - 4.1 | 1.9 | 0.9 | 6.5 | 165 | 1/4 | 76 | 10.5 |
| UAT-40 | 3,800 | 4.5 - 8 | 3.3 - 5.9 | 2.0 | 0.9 | 6.4 | 162 | 3/8 | 75 | 8.8 |
| UAT-40D | 3,800 | 4.5 - 8 | 3.3 - 5.9 | 2.0 | 0.9 | 6.5 | 165 | 1/4 | 75 | 8.8 |
| UAT-50 | 4,600 | 7 - 15.5 | 5.2 - 11.5 | 2.0 | 0.9 | 6.4 | 162 | 3/8 | 78 | 8.8 |
| UAT-50D | 4,600 | 7 - 15.5 | 5.2 - 11.5 | 2.0 | 0.9 | 6.5 | 165 | 1/4 | 78 | 8.8 |
| UAT-50L | 4,000 | 7 - 15.5 | 5.2 - 11.5 | 2.0 | 0.9 | 6.4 | 162 | 3/8 | 75 | 8.8 |
| UAT-50DL | 4,000 | 7 - 15.5 | 5.2 - 11.5 | 2.0 | 0.9 | 6.5 | 165 | 1/4 | 75 | 8.8 |
| UAT-60 | 6,700 | 15 - 32 | 11.1 - 23.7 | 2.1 | 1.0 | 6.8 | 174 | 3/8 | 80 | 12.3 |
| UAT-60D | 6,700 | 15 - 32 | 11.1 - 23.7 | 2.1 | 1.0 | 7.0 | 177 | 1/4 | 80 | 12.3 |
| UAT-60L | 6,000 | 13 - 28 | 9.6 - 20.7 | 2.1 | 1.0 | 6.8 | 174 | 3/8 | 77 | 8.8 |
| UAT-70 | 6,000 | 30 - 55 | 22.2 - 40.7 | 2.3 | 1.1 | 7.1 | 180 | 3/8 | 80 | 14.0 |
| UAT-70L | 5,300 | 25 - 48 | 18.5 - 35.5 | 2.3 | 1.1 | 7.1 | 180 | 3/8 | 78 | 10.5 |
| UAT-80 | 5,600 | 45 - 63 | 33.3 - 46.6 | 2.8 | 1.3 | 7.3 | 186 | 3/8 | 80 | 16.8 |
| UAT-90 | 5,700 | 50 - 85 | 37.0 - 62.9 | 3.2 | 1.5 | 7.6 | 192 | 1/2 | 82 | 18.6 |
| UAT-90L | 5,100 | 45 - 75 | 33.3 - 55.5 | 3.2 | 1.5 | 7.6 | 192 | 1/2 | 79 | 15.8 |
| UAT-100 | 5,200 | 70 - 130 | 51.8 - 96.2 | 3.7 | 1.7 | 7.8 | 199 | 1/2 | 82 | 19.3 |
| UAT-100L | 5,200 | 60 - 110 | 44.4 - 81.4 | 3.7 | 1.7 | 7.8 | 199 | 1/2 | 79 | 16.8 |
| UAT-130 | 4,500 | 110 - 150 | 81.4 - 111 | 5.1 | 2.3 | 8.5 | 217 | 1/2 | 82 | 24.6 |
| UAT-150 | 3,900 | 140 - 210 | 103.6 - 155.4 | 6.4 | 2.9 | 9.5 | 240 | 3/4 | 82 | 24.6 |
| UAT-180 | 3,300 | 160 - 250 | 118.4 - 185 | 8.1 | 3.7 | 10.5 | 264 | 3/4 | 84 | 24.6 |
| UAT-200 | 2,400 | 200 - 400 | 148 - 296 | 12.8 | 5.8 | 11.0 | 279 | 3/4 | 85 | 35.2 |
| UAT-200L | 2,400 | 170 - 280 | 125.8 - 207.2 | 12.8 | 5.8 | 11.0 | 279 | 3/4 | 85 | 24.6 |



Air Hose Size: 1/4" ID for UAT-30D to UAT-50, 3/8" ID for UAT-60 to UAT-100, 1/2" ID for UAT-100L to UAT-200L

Air Inlet Thread: 1/4" NPT for UAT-30D to UAT-150

Note Torque Ranges reflect residual B joint torque values

3/8" NPT for UAT-180 to UAT-200L

UAT Models containing "L" indicate models designed to run at 57 PSI air pressure.

UAT Models containing "D" indicate 1/4" quick change bit holder

Most models can be equipped with TM (Tightening Monitor) feature for use with qualifier systems. Order TM tools by adding "TM" to model number (for example, UAT-60 becomes UAT-60TM).



INLINE SHUT-OFF

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED RPM | TORQUE RANGE NM | TORQUE RANGE FT-LB | WEIGHT LB | WEIGHT KG | OVERALL LENGTH IN | OVERALL LENGTH MM | DRIVE IN | SOUND LEVEL dB(A) | AIR USAGE CFM |
|-----------|-------------------|--------------------|-----------------------|--------------|--------------|----------------------|----------------------|-------------|----------------------|------------------|
| UAT-30SD | 3,400 | 2.5 - 5.5 | 1.9 - 4.1 | 1.9 | 0.8 | 8.7 | 222 | 1/4 | 68 | 12.3 |
| UAT-40S | 3,300 | 4.5 - 8.0 | 3.3 - 5.9 | 1.9 | 0.9 | 8.8 | 224 | 3/8 | 70 | 7.0 |
| UAT-40SD | 3,300 | 4.5 - 8.0 | 3.3 - 5.9 | 1.9 | 0.9 | 8.9 | 227 | 1/4 | 70 | 7.0 |
| UAT-50S | 3,900 | 7.0 - 15.5 | 5.2 - 11.5 | 1.9 | 0.9 | 8.8 | 224 | 3/8 | 78 | 8.8 |
| UAT-50SD | 3,900 | 7.0 - 15.5 | 5.2 - 11.5 | 1.9 | 0.9 | 8.9 | 227 | 1/4 | 78 | 8.8 |
| UAT-50SL | 3,800 | 7.0 - 15.5 | 5.2 - 11.5 | 1.9 | 0.9 | 8.8 | 224 | 3/8 | 75 | 7.0 |
| UAT-50SDL | 3,800 | 7.0 - 15.5 | 5.2 - 11.5 | 1.9 | 0.9 | 8.9 | 227 | 1/4 | 75 | 7.0 |
| UAT-60S | 5,700 | 15.0 - 32.0 | 11.1 - 23.7 | 1.9 | 0.9 | 9.0 | 229 | 3/8 | 80 | 10.5 |
| UAT-60SD | 5,700 | 15.0 - 32.0 | 11.1 - 23.7 | 1.9 | 0.9 | 9.1 | 232 | 1/4 | 80 | 10.5 |
| UAT-60SL | 5,300 | 13.0 - 28.0 | 9.6 - 20.7 | 1.9 | 0.9 | 9.0 | 229 | 3/8 | 77 | 8.8 |
| UAT-60SDL | 5,300 | 13.0 - 28.0 | 9.6 - 20.7 | 1.9 | 0.9 | 9.1 | 232 | 1/4 | 77 | 8.8 |
| UAT-70S | 4,700 | 30.0 - 50.0 | 22.2 - 37.0 | 2.1 | 1.0 | 9.4 | 239 | 3/8 | 80 | 12.3 |
| UAT-70SL | 4,400 | 25.0 - 45.0 | 18.5 - 33.3 | 2.1 | 1.0 | 9.4 | 239 | 3/8 | 78 | 9.5 |

Air Hose Size: 1/4" ID for UAT-30 to UAT-50, 3/8" ID for UAT-60 to UAT-70

Air Inlet Thread: 1/4" NPT for UAT-30 to UAT-70

Note Torque Ranges reflect residual B joint torque values

UAT Models containing "D" indicate 1/4" quick change bit holder

UAT Models containing "L" indicate models designed to run at 57 PSI air pressure.

Most models can be equipped with TM (Tightening Monitor) feature for use with qualifier systems. Order TM tools by adding "TM" to model number (for example, UAT-60 becomes UAT-60TM).

*  logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

OMEGA PULSE TOOLS: UL SERIES

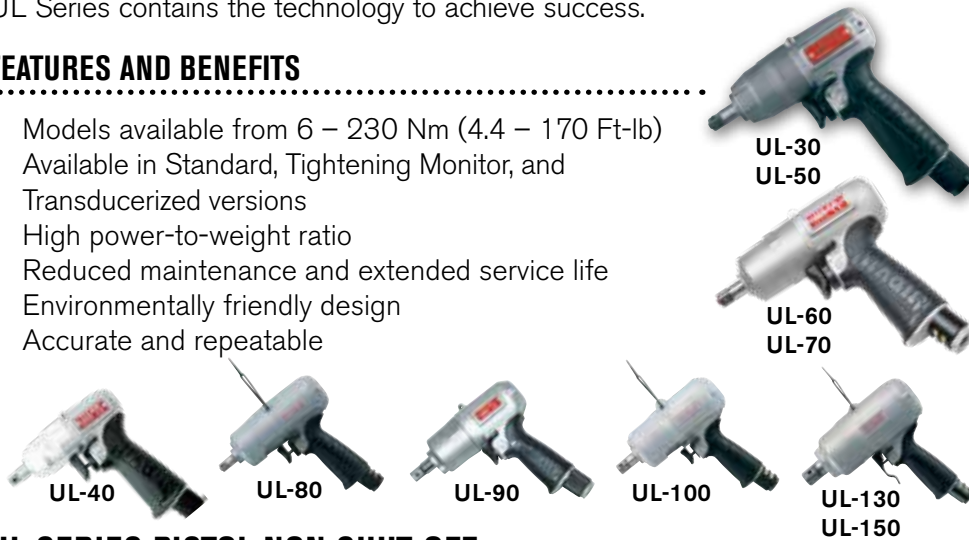
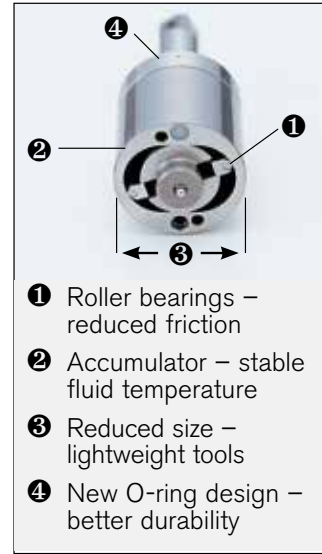
OMEGA UL SERIES

Whether the goal is improving productivity, ergonomics, reliability, or quality, the UL Series contains the technology to achieve success.

FEATURES AND BENEFITS

- Models available from 6 – 230 Nm (4.4 – 170 Ft-lb)
- Available in Standard, Tightening Monitor, and Transducerized versions
- High power-to-weight ratio
- Reduced maintenance and extended service life
- Environmentally friendly design
- Accurate and repeatable

Omega Series Pulse Unit



UL SERIES PISTOL NON SHUT-OFF

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED | | TORQUE RANGE | | WEIGHT | | OVERALL LENGTH | | DRIVE | SOUND LEVEL | AIR USAGE |
|--------|------------|--|--------------|---------------|--------|-----|----------------|-----|---------|-------------|-----------|
| | RPM | | NM | FT-LB | LB | KG | IN | MM | | | |
| UL-30D | 5,700 | | 6 - 12 | 4.4 - 8.9 | 1.5 | 0.7 | 5.4 | 137 | 1/4 hex | 75 | 7.0 |
| UL-30 | 5,700 | | 6 - 12 | 4.4 - 8.9 | 1.5 | 0.7 | 5.2 | 133 | 3/8 sq. | 75 | 7.0 |
| UL-40D | 6,100 | | 11 - 20 | 8.1 - 14.8 | 1.5 | 0.7 | 5.4 | 137 | 1/4 hex | 75 | 7.0 |
| UL-40 | 6,100 | | 13 - 22 | 9.6 - 16.3 | 1.5 | 0.7 | 5.2 | 133 | 3/8 sq. | 75 | 7.0 |
| UL-50D | 6,400 | | 18 - 28 | 13.3 - 20.7 | 1.7 | 0.8 | 5.8 | 146 | 1/4 hex | 78 | 10.5 |
| UL-50 | 6,400 | | 22 - 35 | 16.3 - 25.9 | 1.7 | 0.8 | 5.5 | 140 | 3/8 sq. | 78 | 10.5 |
| UL-60D | 7,000 | | 22 - 35 | 16.3 - 25.9 | 1.8 | 0.8 | 5.6 | 143 | 1/4 sq. | 80 | 14.0 |
| UL-60 | 7,000 | | 32 - 50 | 23.7 - 37.0 | 1.8 | 0.8 | 5.5 | 140 | 3/8 sq. | 80 | 14.0 |
| UL-70 | 5,700 | | 40 - 65 | 29.6 - 48.1 | 2.1 | 1.0 | 6.0 | 153 | 3/8 sq. | 80 | 15.8 |
| UL-80 | 5,900 | | 45 - 70 | 33.3 - 50.0 | 2.5 | 1.1 | 6.4 | 162 | 3/8 sq. | 80 | 16.8 |
| UL-90 | 6,000 | | 60 - 100 | 44.4 - 74.0 | 2.9 | 1.3 | 6.7 | 170 | 1/2 sq. | 82 | 18.6 |
| UL-100 | 5,400 | | 80 - 130 | 59.2 - 96.2 | 3.7 | 1.7 | 7.0 | 177 | 1/2 sq. | 80 | 20.3 |
| UL-130 | 4,400 | | 100 - 160 | 74.0 - 118.4 | 5.1 | 2.3 | 7.8 | 197 | 1/2 sq. | 83 | 22.7 |
| UL-150 | 3,800 | | 150 - 230 | 109.9 - 169.6 | 6.6 | 3.0 | 8.4 | 213 | 3/4 sq. | 84 | 24.7 |



UL SERIES INLINE NON SHUT-OFF

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED | | TORQUE RANGE | | WEIGHT | | OVERALL LENGTH | | DRIVE | SOUND LEVEL | AIR USAGE |
|---------|------------|--|--------------|-------------|--------|-----|----------------|-----|---------|-------------|-----------|
| | RPM | | NM | FT-LB | LB | KG | IN | MM | | | |
| UL-30SD | 5,000 | | 6 - 12 | 4.4 - 8.9 | 1.4 | 0.6 | 8.2 | 209 | 1/4 hex | 75 | 8.1 |
| UL-30S | 5,000 | | 6 - 12 | 4.4 - 8.9 | 1.4 | 0.6 | 8.1 | 205 | 3/8 sq. | 72 | 8.1 |
| UL-40SD | 5,000 | | 9 - 20 | 6.7 - 14.8 | 1.4 | 0.6 | 8.2 | 209 | 1/4 hex | 75 | 8.1 |
| UL-40S | 5,000 | | 11 - 22 | 8.1 - 16.3 | 1.4 | 0.6 | 8.1 | 205 | 3/8 sq. | 72 | 8.1 |
| UL-50SD | 6,400 | | 18 - 28 | 13.3 - 20.7 | 1.6 | 0.7 | 8.4 | 214 | 1/4 hex | 78 | 12.3 |
| UL-50S | 6,400 | | 22 - 35 | 16.3 - 25.9 | 1.6 | 0.7 | 8.2 | 208 | 3/8 sq. | 78 | 12.3 |
| UL-60SD | 6,700 | | 22 - 35 | 16.3 - 25.9 | 1.7 | 0.8 | 8.3 | 212 | 1/4 hex | 80 | 15.8 |
| UL-60S | 6,700 | | 32 - 50 | 23.7 - 37.0 | 1.7 | 0.8 | 8.2 | 209 | 3/8 sq. | 80 | 15.8 |
| UL-70S | 5,400 | | 36 - 60 | 26.6 - 44.4 | 1.9 | 0.9 | 8.8 | 223 | 3/8 sq. | 84 | 14.0 |

Air Hose Size: 1/4 I.D. for UL-30 (D/SD) - UL-50 (D/SD) - 3/8" I.D. for UL-60 (D/SD) - UL-150 (D/SD)

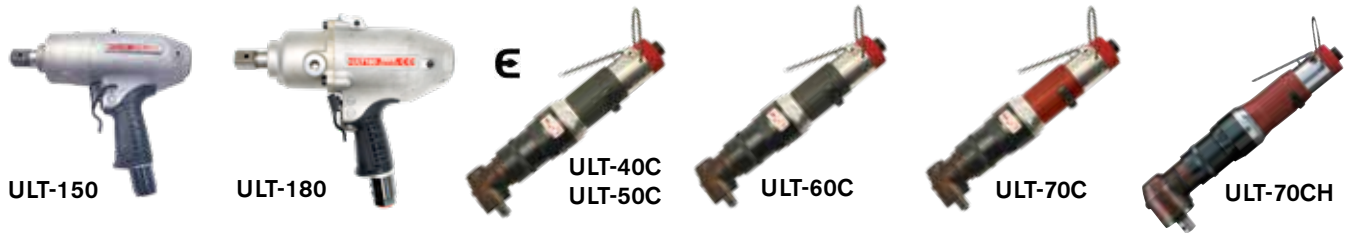
Air Inlet: N.P.T. 1/4

NOTE: Torque ranges reflect residual B joint torque values

All pulse tools ending in "D" include a 1/4" Hex quick-change bit holder.

*  logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

OMEGA PULSE / ACRA-PULSE SERIES



OMEGA PULSE ULT SERIES PISTOL / ANGLE SHUT-OFF

| MODEL | FREE SPEED | TORQUE RANGE | | WEIGHT | | OVERALL LENGTH | | DRIVE | SOUND LEVEL | AIR USAGE |
|----------|------------|--------------|-------------|--------|------|----------------|-----|--------------|-------------|-----------|
| | RPM | NM | FT-LB | LB | KG | IN | MM | IN | dB(A) | CFM |
| PISTOL | | | | | | | | | | |
| ULT-150 | 3,700 | 140 - 210 | 104 - 155 | 6.4 | 2.9 | 9.5 | 240 | 3/4" Sq. Dr. | 82 | 24.7 |
| ULT-180 | 3,300 | 160 - 250 | 118 - 185 | 8.1 | 3.7 | 10.4 | 264 | 3/4" Sq. Dr. | 82 | 24.7 |
| ANGLE | | | | | | | | | | |
| ULT-40C | 3,500 | 4.5 - 7.5 | 3.3 - 5.6 | 2.9 | 1.30 | 9.8 | 250 | 3/8" Sq. Dr. | 70 | 7.0 |
| ULT-50C | 4,500 | 7.0 - 15.5 | 5.2 - 11.5 | 3.0 | 1.35 | 9.8 | 250 | 3/8" Sq. Dr. | 78 | 8.6 |
| ULT-60C | 5,200 | 13 - 28 | 9.6 - 20.7 | 3.2 | 1.45 | 10.3 | 261 | 3/8" Sq. Dr. | 80 | 10.5 |
| ULT-70C | 4,400 | 20 - 35 | 14.8 - 25.9 | 3.6 | 1.65 | 10.8 | 275 | 3/8" Sq. Dr. | 82 | 12.3 |
| ULT-70CH | 2,500 | 30 - 50 | 22.2 - 37.0 | 4.1 | 1.85 | 11.4 | 290 | 1/2" Sq. Dr. | 82 | 12.3 |

"L" following model number denotes Low Air Pressure type
 "H" within model number denotes High Torque type

NOTE: Torque ranges reflect residual B joint torque values



ACRA-PULSE PISTOL / INLINE SHUT-OFF 3/8" - 1/2" DRIVE

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED | TORQUE RANGE | | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DRIVE | NOISE LEVEL | AIR USAGE |
|--------------------------|------------|--------------|-----------|----------------|------|--------|------|------------------------|-----|-----------|-------------|-----------|
| | RPM | NM | FT-LB | MM | IN | LB | KG | MM | IN | IN | dB(A) | CFM |
| PISTOL 3/8" - 1/2" DRIVE | | | | | | | | | | | | |
| UX-T700L* | 7,500 | 13 - 26 | 10 - 19 | 187 | 7.4 | 3.2 | 1.5 | 25.5 | 1.0 | 3/8 | 72 | 10.5 |
| PISTOL 3/4" - 1" DRIVE | | | | | | | | | | | | |
| UXR-T1820 | 4,400 | 150 - 250 | 110 - 180 | 270 | 10.6 | 9.9 | 4.5 | 42.0 | 1.7 | 3/4 | 84 | 24.7 |
| UXR-T2000 | 4,000 | 200 - 400 | 150 - 290 | 303 | 11.9 | 15.0 | 6.8 | 47.0 | 1.8 | 3/4 | 85 | 34.0 |
| INLINE | | | | | | | | | | | | |
| UXR-T2400S* | 3,600 | 360 - 650 | 260 - 470 | 444 | 17.5 | 26.5 | 12.0 | 61.5 | 2.4 | 1 | 85 | 35.3 |
| UXR-T3000S | 4,400 | 450 - 850 | 330 - 620 | 477 | 18.8 | 32.0 | 14.5 | 62.0 | 2.4 | 1 | 85 | 37.1 |

Air Hose Size: 3/8" I.D. 1/2" I.D. for UXR-T1820 - UXR-T3000S

Air Inlet: N.P.T. 1/4" 3/8" for UXR-T1820 & UXR-T2000 1/2" for UXR-T2400S & UXR-T3000S

NOTE: Torque ranges reflect residual B joint torque values

Inside Trigger Standard (UXR-T2400S - UXR-T3000S)

* UX-T700L and UXR-T2400S models can be equipped with a TM (Tightening Monitor) feature for use with qualifier systems. Order TM tools by adding "TM" to model number (for example, UX-T700L becomes UX-T700LTM).

* logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

ACRA-PULSE SERIES



PISTOL NON SHUT-OFF 1/4" HEX DRIVE

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED | TORQUE RANGE | | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|---------|------------|--------------|-----------|----------------|-----|--------|-----|------------------------|-----|----------------------|------------------|
| | RPM | NM | FT-LB | MM | IN | LB | KG | MM | IN | | |
| U-350D | 10,500 | 3.5 - 5.8 | 2.5 - 4.2 | 154 | 6.1 | 1.7 | 0.8 | 22.0 | 0.9 | 74 | 5.3 |
| UX-450D | 9,500 | 8 - 14 | 5.8 - 10 | 152 | 6.0 | 1.9 | 0.9 | 22.0 | 0.9 | <70 | 7.0 |
| UX-500D | 9,300 | 13 - 20 | 10 - 15 | 152 | 6.0 | 1.9 | 0.9 | 22.0 | 0.9 | 70 | 8.8 |
| UX-612D | 9,300 | 16 - 28 | 12 - 20 | 165 | 6.5 | 2.1 | 1.0 | 22.5 | 0.9 | 75 | 11.2 |

Air Hose Size: 1/4 I.D. for U-350D - UX-500D - 3/8" I.D. for UX-612D
All Tools Standard with 1/4" Quick Change Chuck

Air Inlet Thread: N.P.T. 1/4"

NOTE: Torque ranges reflect residual B joint torque values



PISTOL NON SHUT-OFF 3/8" - 1/2" DRIVE

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED | TORQUE RANGE | | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DRIVE | NOISE LEVEL dB(A) | AIR USAGE CFM |
|---------|------------|--------------|----------|----------------|-----|--------|-----|------------------------|-----|-----------|----------------------|------------------|
| | RPM | NM | FT-LB | MM | IN | LB | KG | MM | IN | IN | | |
| UX-450 | 9,500 | 9 - 15 | 6.5 - 11 | 147 | 5.8 | 1.9 | 0.9 | 22.0 | 0.9 | 3/8 | 65 | 7.0 |
| UX-500 | 9,300 | 15 - 25 | 11 - 19 | 147 | 5.8 | 1.9 | 0.9 | 22.0 | 0.9 | 3/8 | 70 | 8.8 |
| UX-612 | 9,300 | 20 - 35 | 15 - 25 | 160 | 6.3 | 2.1 | 1.0 | 22.5 | 0.9 | 3/8 | 75 | 11.2 |
| UX-700 | 9,000 | 25 - 45 | 20 - 35 | 169 | 6.7 | 3.0 | 1.4 | 25.5 | 1.0 | 3/8 | 73 | 12.3 |
| UX-800 | 9,000 | 35 - 60 | 25 - 45 | 175 | 6.9 | 3.7 | 1.7 | 28.0 | 1.1 | 3/8 | 73 | 14.1 |
| UX-900 | 7,600 | 45 - 75 | 35 - 55 | 181 | 7.1 | 4.1 | 1.9 | 30.0 | 1.2 | 1/2 | 75 | 14.7 |
| UX-1000 | 6,800 | 50 - 95 | 40 - 70 | 187 | 7.4 | 4.8 | 2.2 | 33.0 | 1.3 | 1/2 | 75 | 17.9 |
| UX-1300 | 6,200 | 80 - 130 | 60 - 95 | 205 | 8.1 | 5.9 | 2.7 | 36.0 | 1.4 | 1/2 | 76 | 19.4 |
| UX-1400 | 5,300 | 100 - 160 | 75 - 120 | 224 | 8.8 | 7.0 | 3.2 | 40.0 | 1.6 | 1/2 | 78 | 21.1 |

Air Hose Size: 1/4" I.D. for U-410 - UX-500 - 3/8" I.D. for UX-612 - UX-1400

Air Inlet: N.P.T. 1/4"

NOTE: Torque ranges reflect residual B joint torque values



PISTOL NON SHUT-OFF 3/4" - 1" DRIVE

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED | TORQUE RANGE | | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DRIVE | NOISE LEVEL dB(A) | AIR USAGE CFM |
|----------|------------|--------------|---------------|----------------|------|--------|-----|------------------------|-----|-----------|----------------------|------------------|
| | RPM | NM | FT-LB | MM | IN | LB | KG | MM | IN | IN | | |
| UX-1620 | 5,000 | 120 - 190 | 90.0 - 140.0 | 241 | 9.5 | 7.9 | 3.6 | 40.0 | 1.6 | 3/4 | 82 | 22.9 |
| UXR-1820 | 4,600 | 160 - 250 | 120.0 - 185.0 | 242 | 9.5 | 9.0 | 4.1 | 42.0 | 1.7 | 3/4 | 84 | 26.3 |
| UXR-2000 | 4,200 | 300 - 450 | 220.0 - 330.0 | 282 | 11.1 | 14.3 | 6.5 | 47.0 | 1.8 | 3/4 | 85 | 31.5 |

Air Hose Size: 3/8" I.D. for UX-1620 1/2" I.D. for UXR-1820

Air Inlet: N.P.T. 1/4" for UX-1620 N.P.T. 3/8" for UXR-1820, UXR-2000

NOTE: Torque ranges reflect residual B joint torque values Torque Control in Left-Hand Rotation Available for UXR-2000

AUTO REVERSING

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED | TORQUE RANGE | | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|----------|------------|--------------|---------|----------------|-----|--------|-----|------------------------|-----|----------------------|------------------|
| | RPM | NM | FT-LB | MM | IN | LB | KG | MM | IN | | |
| UX-ST800 | 7,300 | 35 - 55 | 25 - 40 | 195 | 7.7 | 3.8 | 1.8 | 28.0 | 1.1 | 75 | 10.5 |

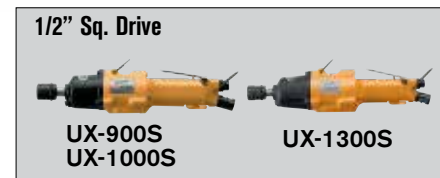
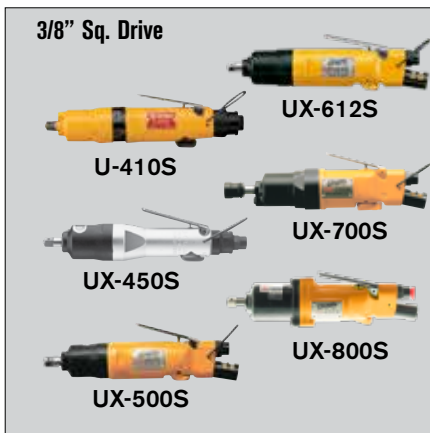
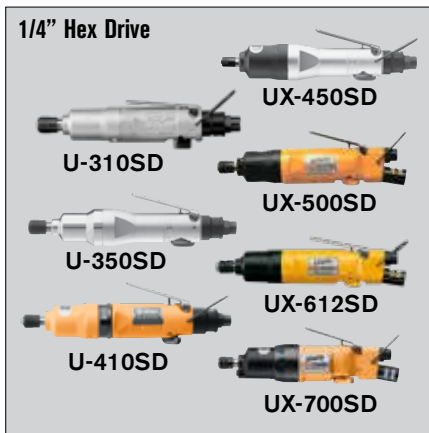
Air Hose Size: 3/8" I.D. Air Inlet: N.P.T. 1/4"

NOTE: Torque ranges reflect residual B joint torque values



* ERGO logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

ACRA-PULSE SERIES



INLINE NON SHUT-OFF

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED RPM | TORQUE RANGE | | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM | AIR HOSE SIZE (I.D.) |
|--|-------------------|--------------|-----------|----------------|------|--------|------|------------------------|-----|----------------------|------------------|----------------------|
| | | NM | FT-LB | MM | IN | LB | KG | MM | IN | | | |
| 1/4" Hex Drive (Tools Come Standard with 1/4" Quick Change Chuck) | | | | | | | | | | | | |
| U-310SD | 11,000 | 2.5 - 3.1 | 1.8 - 2.2 | 222 | 8.7 | 1.5 | 0.6 | 18.0 | 0.7 | 74 | 5.3 | 1/4" |
| U-350SD | 10,500 | 3.5 - 5.8 | 2.5 - 4.2 | 238 | 9.4 | 1.5 | 0.7 | 22.0 | 0.7 | 74 | 5.3 | 1/4" |
| U-410SD | 10,500 | 7 - 10 | 5.0 - 7.2 | 240 | 9.5 | 1.8 | 0.8 | 22.0 | 0.9 | 70 | 5.3 | 1/4" |
| UX-450SD | 9,500 | 8 - 14 | 5.8 - 10 | 239 | 9.4 | 1.8 | 0.8 | 22.0 | 0.9 | <70 | 7.0 | 1/4" |
| UX-500SD | 9,300 | 13 - 20 | 10 - 15 | 244 | 9.5 | 2.0 | 0.9 | 22.0 | 0.9 | 70 | 8.8 | 1/4" |
| UX-612SD | 9,300 | 16 - 28 | 12 - 20 | 253 | 10.0 | 2.2 | 1.0 | 23.3 | 0.9 | 75 | 11.1 | 3/8" |
| UX-700SD | 9,000 | 20 - 36 | 16 - 28 | 249 | 9.8 | 2.8 | 1.3 | 26.5 | 1.0 | 78 | 12.3 | 3/8" |
| 3/8" Sq. Drive | | | | | | | | | | | | |
| U-410S | 10,500 | 7 - 10 | 5.0 - 7.2 | 239 | 9.4 | 1.8 | 0.8 | 22.0 | 0.9 | 70 | 5.3 | 1/4" |
| UX-450S | 9,500 | 9 - 15 | 6.5 - 11 | 234 | 9.2 | 1.8 | 0.8 | 22.0 | 0.9 | <70 | 7.0 | 1/4" |
| UX-500S | 9,300 | 15 - 25 | 11 - 19 | 239 | 9.4 | 2.0 | 0.9 | 22.0 | 0.9 | 70 | 8.8 | 1/4" |
| UX-612S | 9,300 | 20 - 35 | 15 - 25 | 248 | 9.8 | 2.2 | 1.0 | 23.3 | 0.9 | 75 | 11.1 | 3/8" |
| UX-700S | 9,000 | 25 - 45 | 20 - 35 | 244 | 9.5 | 2.8 | 1.3 | 26.5 | 1.0 | 78 | 12.3 | 3/8" |
| UX-800S | 9,000 | 35 - 60 | 25 - 45 | 250 | 9.8 | 3.2 | 1.5 | 35.5 | 1.0 | 75 | 14.2 | 3/8" |
| 1/2" Sq. Drive | | | | | | | | | | | | |
| UX-900S | 7,600 | 45 - 75 | 35 - 55 | 310 | 12.2 | 3.9 | 1.8 | 37.5 | 1.1 | 75 | 14.9 | 3/8" |
| UX-1000S | 6,800 | 50 - 95 | 40 - 70 | 320 | 12.6 | 4.6 | 2.1 | 39.0 | 1.1 | 75 | 17.9 | 3/8" |
| UX-1300S | 6,200 | 80 - 130 | 60 - 95 | 336 | 13.2 | 6.6 | 2.6 | 42.0 | 1.3 | 77 | 19.4 | 3/8" |
| 3/4" Drive | | | | | | | | | | | | |
| UXR-2000S* | 4,200 | 300 - 450 | 220 - 330 | 340 | 13.4 | 15.4 | 7.0 | 47.0 | 1.8 | 85 | 31.6 | 1/2" |
| 1" Sq. Drive | | | | | | | | | | | | |
| UXR-2400S* | 4,000 | 400 - 650 | 290 - 470 | 385 | 15.2 | 23.7 | 11.0 | 55.0 | 2.1 | 85 | 35.2 | 1/2" |
| UXR-3000S* | 4,400 | 500 - 850 | 360 - 630 | 455 | 17.9 | 29.3 | 13.3 | 62.0 | 2.1 | 85 | 37.1 | 1/2" |

Air Inlet N.P.T.: 1/4" 3/8" for UXR-2000S 1/2" for UXR-2400S and UXR-3000S

NOTE: Torque ranges reflect residual B joint torque values

*Torque control in left-hand rotation available



ANGLE 3/8" - 1/2" DRIVE

Recommended Air Pressure: 85 psi

| MODEL | FREE SPEED RPM | TORQUE RANGE | | WEIGHT LB | WEIGHT KG | OVERALL LENGTH | | SQ. DRIVE IN | NOISE LEVEL dB(A) | AIR USAGE CFM |
|------------|-------------------|--------------|-------------|--------------|--------------|----------------|------|-----------------|----------------------|------------------|
| | | NM | FT-LB | | | MM | IN | | | |
| ALPHA-70C | 6,300 | 28 - 45 | 20.2 - 32.5 | 3.9 | 1.8 | 266 | 10.5 | 3/8 | 82 | 15.8 |
| ALPHA-70CH | 3,600 | 50 - 76 | 36.1 - 56.0 | 4.4 | 2.0 | 282 | 11.1 | 1/2 | 82 | 15.8 |
| UX-500C | 9,300 | 13 - 20 | 10.0 - 15.0 | 2.8 | 1.3 | 270 | 10.6 | 3/8 | 82 | 8.8 |
| UX-612C | 9,800 | 16 - 28 | 12.0 - 20.0 | 3.0 | 1.4 | 283 | 11.1 | 3/8 | 85 | 11.2 |
| UX-700C | 9,500 | 20 - 36 | 16.0 - 28.0 | 3.7 | 1.7 | 273 | 10.8 | 3/8 | 85 | 12.3 |
| UX-800C | 9,000 | 29 - 43 | 20.0 - 31.0 | 4.3 | 1.9 | 285 | 11.2 | 3/8 | 85 | 14.1 |
| UX-1000C | 6,800 | 50 - 80 | 40.0 - 58.0 | 6.8 | 3.1 | 365 | 14.4 | 1/2 | 90 | 17.9 |

Air Hose Size: 1/4" I.D. for UX-500C - 3/8" I.D. for ALPHA-70C, ALPHA-70CH, UX-612C - UX-1000C

Air Inlet: N.P.T. 1/4"

NOTE: Torque ranges reflect residual B joint torque values

* logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

BP-T PULSE SERIES CORDLESS TOOLS

“Operator First” design means a lighter-weight, ergonomic pulse tool

FEATURES AND BENEFITS

- Direct Power Train and High-Efficiency Brushless Electric Motor deliver reduced noise and vibration
- Hydraulic Impulse Unit delivers reaction-free tightening
- Cooling fan improves heat management, increasing duty cycle up to 20% over the UDBP-TA series
- High-capacity Li-Ion battery pack provides up to 20% more fastener runs per charge than the UDBP-TA series
- The Ergonomic Handle coupled with a Compact Design provides an improved user experience



| MODEL* | CAPACITY (NOMINAL BOLT SIZE) | | TORQUE RANGE | | FREE SPEED | OVERALL LENGTH | | WEIGHT W/O SOCKET BIT | | | | FROM CENTER TO OUTSIDE | | SQ. DR OR HEX SIZE | | SOUND LEVEL dB(A) | BATTERY VOLTAGE (CAPACITY) |
|------------------|------------------------------|----------|--------------|----------|------------|----------------|-----|-----------------------|------|------|------|------------------------|-----|--------------------|---------|-------------------|----------------------------|
| | MM | IN | NM | FT-LB | | MM | IN | KG | LB | KG | LB | MM | IN | MM | IN | | |
| BP-T40-(B)(KIT) | 5 | No. 10 | 4.5-8 | 3.3-5.9 | 3,300 | 197 | 7.8 | 1.4 | 3.08 | 1.15 | 2.53 | 27 | 1.1 | 9.5 Hex | 3/8 Sq. | 75 | 10.8V (2.0Ah) |
| BP-T40D-(B)(KIT) | 5 | No. 10 | 4.5-8 | 3.3-5.9 | 3,300 | 200 | 7.9 | 1.4 | 3.08 | 1.15 | 2.53 | 27 | 1.1 | 6.35 Hex | 1/4 Hex | 75 | 10.8V (2.0Ah) |
| BP-T50-(B)(KIT) | 6-8 | 1/4-5/16 | 7-15 | 5.1-11.1 | 3,900 | 197 | 7.8 | 1.4 | 3.08 | 1.15 | 2.53 | 27 | 1.1 | 9.5 Sq. | 3/8 Sq. | 76 | 10.8V (2.0Ah) |
| BP-T50D-(B)(KIT) | 6-8 | 1/4-5/16 | 6.5-13 | 4.8-9.6 | 3,900 | 200 | 7.9 | 1.4 | 3.08 | 1.15 | 2.53 | 27 | 1.1 | 6.35 Hex | 1/4 Hex | 76 | 10.8V (2.0Ah) |
| BP-T60-(B)(KIT) | 8 | 5/16 | 13-26 | 9.6-19.2 | 4,800 | 202 | 8.0 | 1.6 | 3.52 | 1.25 | 2.75 | 27 | 1.1 | 9.5 Sq. | 3/8 Sq. | 76 | 14.4V (2.0Ah) |
| BP-T60D-(B)(KIT) | 8 | 5/16 | 13-26 | 9.6-19.2 | 4,800 | 205 | 8.1 | 1.6 | 3.52 | 1.25 | 2.75 | 27 | 1.1 | 6.35 Hex | 1/4 Hex | 77 | 14.4V (2.0Ah) |

* Base models come with no battery. Batteries are available separately or in tool/kit combinations.

Add "B" to end of the model number to order 1 tool with 1 battery.

Add "KIT" to the end of the model number to order a tool kit, which includes 1 tool, 2 batteries, and 1 battery charger.



**10.8 V Battery:
EYFB32**



**14.4 V Battery:
EYFB41**



Battery Charger: EY0L82B

BATTERIES AND BATTERY CHARGER

| BATTERY MODEL # | DESCRIPTION | VOLTAGE | TYPE | CAPACITY |
|-----------------|--|---------|--------|----------|
| EYFB32 | Battery for BP-T40, BP-T40D, BP-T50, and BP-T50D | 10.8V | Li-Ion | 2.0Ah |
| EYFB41 | Battery for BP-T60 and BP-T60D | 14.4V | Li-Ion | 2.0Ah |

| CHARGER MODEL # | DESCRIPTION | WEIGHT | INPUT VOLTAGE | DIMENSIONS | BATTERY CAPACITY |
|-----------------|------------------------|-------------------|---------------|--------------------------|------------------|
| EY0L82B | Li-Ion battery charger | 0.93 kg (2.0 lbs) | 120VAC | 9.3" D x 7.1" W x 3.6" H | 3.0 - 4.2Ah |

BODY JACKET



**10C-840-1
for BP-T40/BP-T50 Series**

**10E-840-1
for BP-T60 Series**

* **E** logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

UDBP-TA PULSE SERIES CORDLESS TOOLS

Cordless pulse tool combines industry-leading pulse technology with Lithium-Ion battery power

FEATURES AND BENEFITS

- Uryu Direct Battery Pulse (UDBP) design connects the pulse unit directly to the motor – no reduction gearing – resulting in a tool with less noise and vibration
- Brushless Internal Permanent Magnet (IPM) motor provides longer motor life and more efficiency allowing more fastening cycles per battery charge
- Auto Relief Technology provides additional control to the application of torque during the pulsing events
- On board LEDs for application illumination
- Li-Ion battery provides more power and ends the “battery-memory” issues of NiCd batteries
- RF Types transmit “good” signal to receiver (sold separately) over 426 Mhz
- “Good” signal can be used for Poka-Yoke or Bolt Counting



UDBP-TA70(P)

| MODEL* | TYPE | FREE SPEED RPM | TORQUE RANGE NM | FT-LB | WEIGHT W/ BATTERY KG | LB | LENGTH MM | IN | DRIVE IN | SOUND LEVEL dB(A) | VOLTAGE V | BATTERY | CHARGER |
|-----------------|--|----------------|-----------------|-------------|----------------------|-----|-----------|-----|----------|-------------------|-----------|---------|---------|
| UDBP-TA70(P) | Shut-off | 4,800 | 26 - 47 | 19.2 - 34.7 | 2.0 | 4.4 | 234 | 9.2 | 3/8 sq. | 76 | 33.3 | UB333Li | UBC |
| UDBP-TA70(P)-RF | Shut-off with wireless RF transmission | 4,800 | 26 - 47 | 19.2 - 34.7 | 2.0 | 4.4 | 234 | 9.2 | 3/8 sq. | 76 | 33.3 | UB333Li | UBC |

* (P) Designates 3/8" square drive anvil with socket retainer pin. Tools with no (P) suffix have a quick-change driver anvil.

NOTE: Torque ranges reflect residual B joint torque values.

- Use part number **UDBP-TA70(P)-B** for a kit that includes 1 standard shut-off tool and 1 battery.
- Use part number **UDBP-TA70(P)-KIT** for a kit that includes 1 standard shut-off tool, 2 batteries, and 1 charger.
- Use part number **UDBP-TA70(P)-RF-B** for a kit that includes 1 RF shut-off tool and 1 battery. Use part number **UDBP-TA70(P)-RF-KIT** for a kit that includes 1 standard shut-off tool, 2 batteries, and 1 charger.
- Use part number **UDBP-TA70(P)-RF-KTR** for a kit that includes 1 RF shut-off tool, 2 batteries, 1 charger, and 1 receiver.

ACCESSORIES FOR UDBP SERIES



Battery: UB333Li



Charger: UBC



Battery Cover: 863-978-1



Body Jacket: 863-966-1



RF Receiver: TWF-600R

| MODEL | DESCRIPTION |
|-----------|--|
| UB333Li | Lithium-Ion battery |
| UBC | Battery charger. Charge Time: 80% battery capacity - 40 minutes, 100% battery capacity - 64 minutes. |
| 863-966-1 | Body jacket for UDBP TA70 series |
| 863-978-1 | Battery Cover for UDBP 70 Series |
| TWF-600R | Receiver for UDBP (RF) type tools 426 Mhz (sold separately) |

*  logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

UDP-TA SERIES

DIRECT PLUG IN, SHUT OFF PULSE TOOLS

FEATURES AND BENEFITS

- Direct Wall Plug in – Tool plugs directly to 100 – 115 VAC wall power with circuit protection breaker box or integrated power cable balancer
- Brushless (IPM) Motor provides long motor life with integrated trigger activated fan for increased duty cycle
- Patented Auto Relief Pulse Unit Technology
- Lightweight, high impact, rugged plastic housing for superior ergonomics
- Optional power cable integrated balancer available



UDP-TA40(B)



UDP-TA50D(B-TL)

| MODEL | TORQUE RANGE | | RPM FREE SPEED | OVERALL LENGTH | | WEIGHT | | DRIVE |
|---|--------------|------------|-------------------|----------------|-------|--------|-----|----------|
| | NM | FT-LB | | IN | MM | LB | KG | |
| Bottom Cable Exit Models (denoted by B) | | | | | | | | |
| UDP-TA40 (B) | 4.5 - 8.0 | 3.3 - 5.9 | 3,300 | 7.1 | 179.5 | 3.0 | 1.4 | 3/8" Sq. |
| UDP-TA40D (B) | 4.5 - 8.0 | 3.3 - 5.9 | 3,300 | 7.2 | 182.5 | 3.0 | 1.4 | 1/4" Hex |
| UDP-TA50 (B) | 7.0 - 15.5 | 5.2 - 11.5 | 3,900 | 7.1 | 179.5 | 3.0 | 1.4 | 3/8" Sq. |
| UDP-TA50D (B) | 7.0 - 15.5 | 5.2 - 11.5 | 3,900 | 7.2 | 182.5 | 3.0 | 1.4 | 1/4" Hex |
| UDP-TA55 (B) | 12.5 - 25.0 | 9.3 - 18.5 | 4,800 | 7.3 | 184.5 | 3.0 | 1.4 | 3/8" Sq. |

Top Cable Exit Models (denoted by (B-TL))

| | | | | | | | | |
|------------------|-------------|------------|-------|-----|-------|-----|-----|----------|
| UDP-TA40 (B-TL) | 4.5 - 8.0 | 3.3 - 5.9 | 3,300 | 7.1 | 179.5 | 3.0 | 1.4 | 3/8" Sq. |
| UDP-TA40D (B-TL) | 4.5 - 8.0 | 3.3 - 5.9 | 3,300 | 7.2 | 182.5 | 3.0 | 1.4 | 1/4" Hex |
| UDP-TA50 (B-TL) | 7.0 - 15.5 | 5.2 - 11.5 | 3,900 | 7.1 | 179.5 | 3.0 | 1.4 | 3/8" Sq. |
| UDP-TA50D (B-TL) | 7.0 - 15.5 | 5.2 - 11.5 | 3,900 | 7.2 | 182.5 | 3.0 | 1.4 | 1/4" Hex |
| UDP-TA55 (B-TL) | 12.5 - 25.0 | 9.3 - 18.5 | 4,800 | 7.3 | 184.5 | 3.0 | 1.4 | 3/8" Sq. |

OPTIONAL ACCESSORIES

| MODEL | DESCRIPTION |
|------------|------------------------------------|
| UCB-25 | Power Cable Balancer |
| UCB-TA-CBL | 110VAC Wall-to-Breaker Power Cable |
| 910-629-0 | Breaker Unit |
| 910-618-0 | 5M UDP Tool to Breaker Cable |
| 910-619-0 | 10M UDP Tool to Breaker Cable |
| 910-627-0 | 5M UDP Extension Cable* |

* Extension Cables connect between Tool and Breaker Cables



UCB-25
Power Cable
Balancer



910-619-0
10M Tool-to-Breaker
Cable



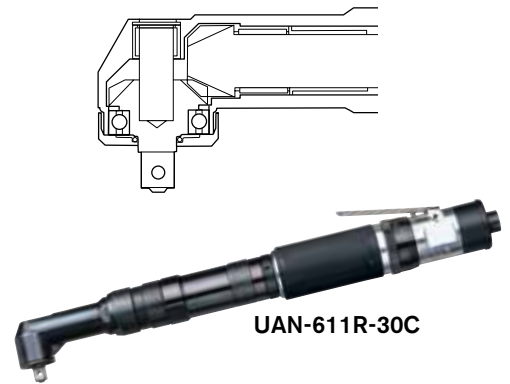
910-629-0 Breaker Unit
UCB-TA-CBL Wall-to-Breaker
Power Cable

UAN & URW SERIES NUTRUNNERS

UAN SERIES ANGLE NUTRUNNERS

Designed for fastening in tight quarters or applications not served well by a pulse tool. The UAN Series transfers torque through beveled angle gears, continuously driving the fastener. When the resistance to rotation overcomes the spring resistance on the clutch, the tool will disengage at the adjusted torque value. Low reaction force characteristics on hard joints make it comfortable for the operator to use. Ideal for applications ranging from 6 – 60 Nm (4 – 44 ft-lb).

- Torque Control
- Electronically Monitored or Controlled type



UAN-611R-30C

ANGLE/INLINE TORQUE CONTROL UAN SERIES

Recommended Air Pressure: 85 psi

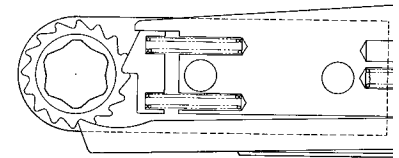
| MODEL | TORQUE RANGE | | FREE SPEED RPM | OVERALL LENGTH | | ANGLE HEAD HEIGHT | | FROM CENTER TO OUTSIDE | | WEIGHT LESS SOCKET | | SQUARE DRIVE IN | NOISE LEVEL dB(A) | AIR USAGE CFM |
|--------------|--------------|-------------|-------------------|----------------|------|-------------------|-----|------------------------|-----|--------------------|-----|--------------------|----------------------|------------------|
| | NM | FT-LB | | MM | IN | MM | IN | MM | IN | KG | LB | | | |
| ANGLE | | | | | | | | | | | | | | |
| UAN-611R-60C | 6.5 - 12.0 | 4.3 - 8.6 | 620 | 383 | 15.1 | 47 | 1.9 | 14.0 | 0.5 | 1.6 | 3.5 | 3/8 | 80 | 21.2 |
| UAN-611R-50C | 8.5 - 15.0 | 5.7 - 10.8 | 470 | 373 | 14.7 | 47 | 1.9 | 14.0 | 0.5 | 1.6 | 3.5 | 3/8 | 80 | 21.2 |
| UAN-611R-40C | 10.0 - 18.0 | 7.2 - 12.9 | 400 | 373 | 14.7 | 47 | 1.9 | 14.0 | 0.5 | 1.6 | 3.5 | 3/8 | 80 | 21.2 |
| UAN-611R-30C | 13.0 - 25.0 | 9.3 - 18.0 | 270 | 373 | 14.7 | 47 | 1.9 | 14.0 | 0.5 | 1.6 | 3.5 | 3/8 | 80 | 21.2 |
| UAN-701R-60C | 20.0 - 31.0 | 14.5 - 23.1 | 600 | 445 | 17.5 | 47 | 1.9 | 14.0 | 0.5 | 2.4 | 5.3 | 3/8 | 85 | 31.8 |
| UAN-701R-40C | 28.0 - 45.0 | 21.0 - 33.3 | 400 | 455 | 17.9 | 51 | 2.0 | 18.0 | 0.7 | 2.4 | 5.3 | 3/8 | 85 | 31.8 |
| UAN-701R-30C | 37.0 - 60.0 | 27.5 - 44.1 | 300 | 455 | 17.9 | 58 | 2.3 | 18.0 | 0.7 | 2.4 | 5.3 | 1/2 | 85 | 31.8 |

Air Hose Size: 3/8 I.D.

Air Inlet: N.P.T. 1/4

URW SERIES IN-LINE RATCHET WRENCHES

Designed to set flush over the fastener head, the URW Series is ideal for narrow fastening spaces. Motor torque is transferred from a gear driven, dual lobed cam that pushes a spring loaded push rod, rotating the socket one tooth at a time. A wide variety of socket sizes, head thicknesses, and tool lengths allow the URW Series access to many difficult applications.



URW SERIES RATCHET WRENCHES

Recommended Air Pressure: 85 psi

| MODEL | MAX TORQUE | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT | | MIN/MAX HEX SOCKET SIZE | | AIR USAGE CFM |
|---------------|------------|-------|-------------------|----------------|------|--------|-----|-------------------------|-------------|------------------|
| | NM | FT-LB | | MM | IN | LB | KG | MM | IN | |
| STRAIGHT HEAD | | | | | | | | | | |
| URW-6 | 11 | 8.1 | 210 | 292 | 11.5 | 2.5 | 1.2 | 6 - 12 | 1/4 - 7/16 | 9.9 |
| URW-8N | 16 | 11.8 | 260 | 300 | 11.8 | 4.2 | 1.9 | 7 - 15 | 7/16 - 9/16 | 19.5 |
| URW-8 | 16 | 11.8 | 240 | 360 | 14.2 | 5.0 | 2.3 | 7 - 15 | 7/16 - 9/16 | 19.8 |
| URW-9N | 31 | 22.9 | 140 | 380 | 15.0 | 5.2 | 2.4 | 7 - 15 | 7/16 - 9/16 | 23.7 |
| URW-10N | 57 | 42.2 | 155 | 394 | 15.5 | 5.8 | 2.7 | 10 - 19 | 9/16 - 3/4 | 25.0 |
| URW-12N | 59 | 43.7 | 145 | 397 | 15.6 | 5.9 | 2.7 | 12 - 23 | 3/8 - 13/16 | 25.0 |

Air Hose Size: 3/8 I.D.

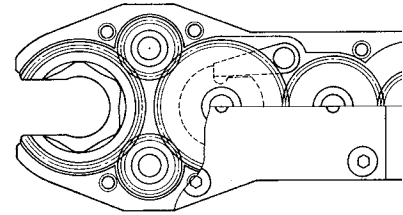
Air Inlet: N.P.T. 1/4

TUBENUT & GEARED NUTRUNNERS

UOW SERIES OPEN-END NUTRUNNERS

Designed for tubenut fastening, the UOW Series can transfer torque through a variety of options.

- Stall Type – Depending on the application requirements, the standard UOW Series will stall when torque resistance matches power output
- Mechanical Shut-off Type – For greater torque accuracy and less reaction impulse to the operator, the UOW-T Series incorporates a mechanical clutch to shut off the tool at the preset torque
- Electronically Monitored Type – For critical torque applications requiring monitoring or controlling of the fastening torque, the UOW-M Series utilizes a transducer to signal the clutch shut-off
- UOW series incorporates a one-hand, two-step throttle, which automatically reverses the socket to a preset open position



UOW-11-10

UOW-11-14

UOW-11-22

UOW-11-30

UOW-T60-22

UGW-8N

UOW/UOW-T SERIES TUBENUT WRENCHES

Recommended Air Pressure: 85 psi

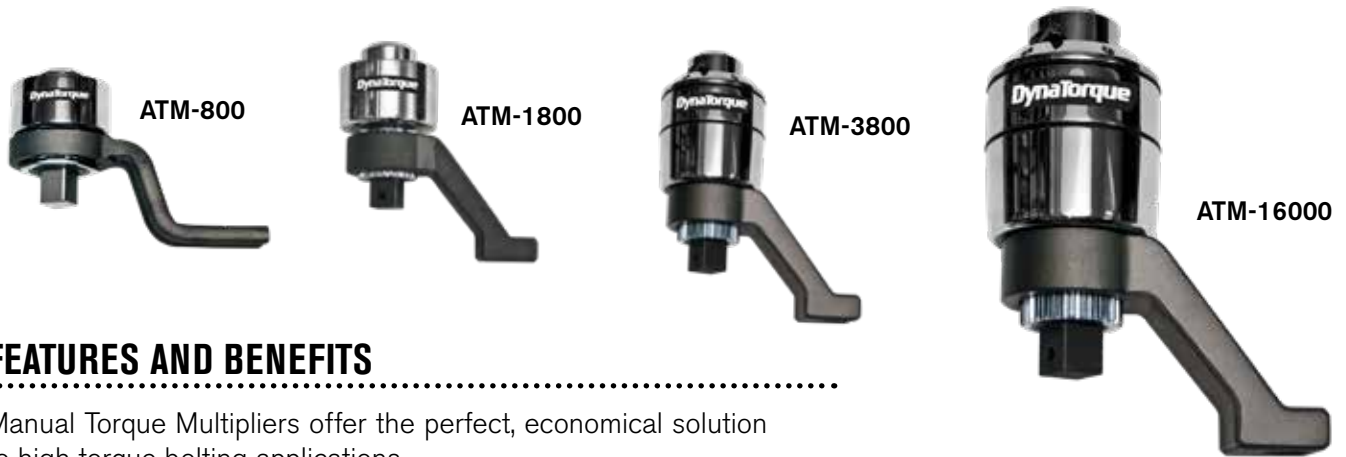
| MODEL | MAX TORQUE/RANGE | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT | | MIN/MAX HEX SOCKET SIZE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|------------------------|------------------|------------|-------------------|----------------|------|--------|-----|-------------------------|--------------|----------------------|------------------|
| | NM | FT-LB | | MM | IN | LB | KG | MM | IN | | |
| STALL | | | | | | | | | | | |
| UOW-11-10 | 13 | 9.6 | 390 | 295 | 11.7 | 3.3 | 1.5 | 7 - 12 | 1/4 - 7/16 | 76 | 10.5 |
| UOW-11-14 | 16 | 11.8 | 290 | 311 | 12.3 | 3.5 | 1.6 | 10 - 17 | 7/16 - 5/8 | 76 | 10.5 |
| UOW-11-22 | 24 | 17.8 | 220 | 326 | 12.8 | 3.9 | 1.8 | 11 - 24 | 7/16 - 5/8 | 76 | 10.5 |
| UOW-11-30 | 32 | 23.7 | 160 | 347 | 13.7 | 4.4 | 2.0 | 14 - 36 | 5/8 - 1-3/16 | 76 | 10.5 |
| SHUT-OFF CLUTCH | | | | | | | | | | | |
| UOW-T60-10 | 4 - 14 | 3.0 - 10.4 | 300 | 370 | 14.6 | 4.6 | 2.1 | 7 - 12 | 1/4 - 7/16 | 76 | 10.5 |
| UOW-T60-14 | 5 - 17 | 3.7 - 12.6 | 240 | 385 | 15.1 | 4.9 | 2.2 | 10 - 17 | 7/16 - 5/8 | 76 | 10.5 |
| UOW-T60-22 | 7 - 24 | 5.2 - 17.8 | 170 | 400 | 15.8 | 5.2 | 2.4 | 11 - 24 | 7/16 - 5/8 | 76 | 10.5 |
| UOW-T60-30 | 10 - 32 | 7.4 - 23.7 | 130 | 420 | 16.6 | 5.7 | 2.6 | 14 - 36 | 5/8 - 1-3/16 | 76 | 10.5 |
| GEARED WRENCHES | | | | | | | | | | | |
| UGW-6N | 18 | 13.3 | 530 | 310 | 12.2 | 3.1 | 1.4 | 9 - 12 | 3/8 - 7/16 | 76 | 10.5 |
| UGW-8N | 23 | 17.0 | 410 | 322 | 12.7 | 3.2 | 1.5 | 10 - 17 | 7/16 - 5/8 | 76 | 10.5 |

Air Hose Size: 3/8 I.D.

Air Inlet: N.P.T. 1/4

*  logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

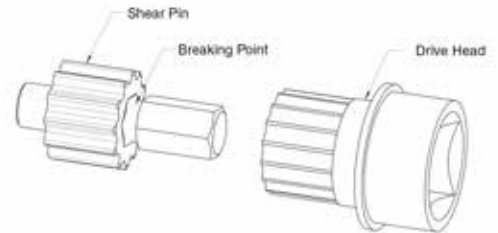
DYNATORQUE MANUAL TORQUE MULTIPLIERS



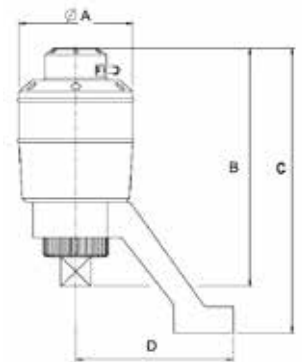
FEATURES AND BENEFITS

Manual Torque Multipliers offer the perfect, economical solution to high torque bolting applications.

- Superior power to weight ratio
- Delivered torque accuracy +/- 4%
- Anti-Wind Up safety feature (2,800 NM models and up) prevents input device from springing backward when released
- True torque multiplication ratios
- Standard reaction arms supplied. Custom reaction arms/nose extensions available to suit specific applications
- No preventative maintenance required
- Overload protected by shear-drive design (spare torsion shaft included). Easily replace sheared-off pins at the work site



| MODEL | INPUT IN | OUTPUT IN | RATIO | MAX TORQUE OUTPUT | | A (MM) | B (MM) | C (MM) | D (MM) | WEIGHT* | |
|-----------|----------|-----------|-------|-------------------|--------|--------|--------|--------|--------|---------|------|
| | | | | Nm | Ft-Lb | | | | | LB | KG |
| ATM-800 | 1/2 | 3/4 | 1:3.5 | 800 | 590 | 65 | 105 | 132 | 130 | 2.9 | 1.3 |
| ATM-1800 | 3/4 | 1 | 1:3.6 | 1,800 | 1,327 | 90 | 150 | 188 | 132 | 6.6 | 3.0 |
| ATM-2800 | 1/2 | 1 | 1:1.3 | 2,800 | 2,066 | 95 | 200 | 240 | 132 | 11.5 | 5.2 |
| ATM-3800 | 3/4 | 1 | 1:1.3 | 3,800 | 2,804 | 95 | 200 | 240 | 132 | 11.5 | 5.2 |
| ATM-5000 | 3/4 | 1.5 | 1:1.7 | 5,000 | 3,690 | 120 | 215 | 272 | 150 | 15.4 | 7.0 |
| ATM-8000 | 3/4 | 1.5 | 1:4.9 | 8,000 | 5,904 | 132 | 268 | 344 | 200 | 25.4 | 11.5 |
| ATM-12000 | 3/4 | 1.5 | 1:5.8 | 12,000 | 8,856 | 156 | 272 | 348 | 200 | 30.9 | 14.0 |
| ATM-16000 | 3/4 | 2.5 | 1:7.5 | 16,000 | 11,808 | 215 | 292 | 370 | 225 | 57.3 | 26.0 |



* Weight shown does not include weight of reaction device.



CARRYING CASE

All DynaTorque Multipliers are supplied in a rugged, weather-resistant, portable carrying case.



US-LT PNEUMATIC SCREWDRIVERS

TORQUE CONTROL AUTOMATIC SHUT-OFF TYPE

- Precise repeatability improves quality
- Minimal wear on internal parts for longer life
- Quick shut off for minimum torque reaction
- Speed choice for flexibility
- Easy external torque adjustment
- Midrange air motor provides high speed during entire cycle
- Ideal for industrial torque control applications



US-LT30B Series



US-LT50B Series



US-LT10B



US-LT20B Series



US-LT40B Series

TORQUE CONTROL LIGHT TOUCH (LT) SERIES - PUSH-TO-START INLINE

Recommended Air Pressure: 85 psi

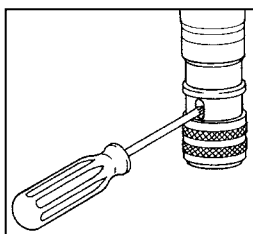
| MODEL | TORQUE RANGE | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|-------------|--------------|-------------|-------------------|----------------|-----|--------|-----|------------------------|-----|----------------------|------------------|
| | NM | IN-LB | | MM | IN | LB | KG | MM | IN | | |
| US-LT10B | 0.2 - 0.6 | 1.8 - 5.3 | 1,000 | 191 | 7.5 | 0.6 | 0.3 | 12.0 | 0.5 | 75 | 5.2 |
| US-LT20B-10 | 0.4 - 1.1 | 3.1 - 9.7 | 1,000 | 180 | 7.1 | 0.7 | 0.3 | 13.0 | 0.5 | 70 | 5.6 |
| US-LT20B-18 | 0.3 - 0.7 | 2.2 - 6.2 | 1,800 | 180 | 7.1 | 0.7 | 0.3 | 13.0 | 0.5 | 70 | 5.6 |
| US-LT30B-11 | 1.1 - 2.1 | 9.7 - 18.5 | 1,100 | 187 | 7.4 | 0.9 | 0.4 | 15.5 | 0.6 | 70 | 7.0 |
| US-LT30B-17 | 0.7 - 1.5 | 6.2 - 13.2 | 1,700 | 187 | 7.4 | 0.9 | 0.4 | 15.5 | 0.6 | 70 | 7.0 |
| US-LT30B-23 | 0.4 - 1.0 | 3.5 - 8.8 | 2,300 | 187 | 7.4 | 0.9 | 0.4 | 15.5 | 0.6 | 71 | 7.0 |
| US-LT40B-08 | 1.6 - 4.0 | 14.1 - 35.2 | 800 | 209 | 8.2 | 1.4 | 0.7 | 16.5 | 0.6 | 70 | 10.5 |
| US-LT40B-15 | 1.0 - 2.2 | 6.2 - 19.4 | 1,500 | 209 | 8.2 | 1.4 | 0.7 | 16.5 | 0.6 | 70 | 10.5 |
| US-LT40B-21 | 1.0 - 1.7 | 6.2 - 15.0 | 2,100 | 209 | 8.2 | 1.4 | 0.7 | 16.5 | 0.6 | 74 | 10.5 |
| US-LT50B-05 | 5.0 - 10.2 | 44.0 - 92.4 | 480 | 240 | 9.5 | 2.2 | 1.0 | 19.5 | 0.8 | 74 | 17.5 |
| US-LT50B-08 | 3.0 - 5.5 | 26.4 - 48.4 | 800 | 240 | 9.5 | 2.2 | 1.0 | 19.5 | 0.8 | 75 | 17.5 |
| US-LT50B-17 | 1.5 - 2.6 | 9.7 - 23.0 | 1,700 | 240 | 9.5 | 2.2 | 1.0 | 19.5 | 0.8 | 75 | 17.5 |

Air Hose Size: 1/4 I.D. for US-LT10B - US-LT40B Series - 3/8" I.D. for US-LT50B Series
Each model is equipped with its standard and alternate clutch springs

Air Inlet: 1/8 for US-LT10B - US-LT20B Series - 1/4" for US-LT30B - US-LT50B Series

EXTERNAL TORQUE ADJUSTMENT (AIR SHUT-OFF)

Set the hand driver into the key hole on the Adjusting Gear, turn clockwise to increase torque. Turn counter clockwise to decrease torque.



408-088-2

SILENCER ASSEMBLIES

| MODEL | DIRECT TYPE SILENCER | LEADER HOSE ASSEMBLY | EXHAUST HOSE ASSEMBLY |
|----------------|----------------------------|----------------------------|-----------------------------|
| US-LT10 Series | N/A | 934-201-0 | 459-885-1 |
| US-LT20 Series | N/A | 934-201-0 | 455-885-1 |
| US-LT30 Series | 408-088-2 | 934-150-0 | 408-885-0 |
| US-LT40 Series | 496-088-1 | 934-150-0 | - |

US-LT PNEUMATIC SCREWDRIVERS



US-LT30B_C Series



US-LT40B_C Series



US-LT40_C Series



US-LT30BL Series



US-LT40BL Series

TORQUE CONTROL LIGHT TOUCH (LT) SERIES - ANGLE AND LEVER

Recommended Air Pressure: 85 psi

| MODEL | TORQUE RANGE (SOFT JOINT) | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | HEX BIT OR DRIVE SIZE IN | NOISE LEVEL dB(A) | AIR USAGE CFM |
|--------------|------------------------------|-------------|----------------------|-------------------|------|--------|-----|---------------------------|-----|--------------------------------|-------------------------|---------------------|
| | NM | IN-LB | | MM | IN | LB | KG | MM | IN | | | |
| ANGLE | | | | | | | | | | | | |
| US-LT30B-11C | 1.1 - 2.1 | 3.5 - 18.5 | 1,100 | 298 | 10.7 | 1.5 | 0.7 | 36 | 1.4 | 1/4 | 73 | 7.0 |
| US-LT30B-17C | 0.7 - 1.5 | 3.5 - 13.2 | 1,700 | 295 | 10.7 | 1.5 | 0.7 | 36 | 1.4 | 1/4 | 73 | 7.0 |
| US-LT40B-03C | 5.0 - 10.0 | 44 - 88 | 300 | 359 | 14.2 | 2.4 | 1.1 | 35.5 | 1.4 | 3/4 | 72 | 10.5 |
| US-LT40B-05C | 2.3 - 5.7 | 20.0 - 49.5 | 500 | 322 | 13.0 | 2.1 | 0.9 | 38.5 | 1.5 | 1/4 | 75 | 10.5 |
| US-LT40B-08C | 1.6 - 4.0 | 8.7 - 34.7 | 800 | 320 | 12.8 | 2.0 | 0.9 | 36 | 1.4 | 1/4 | 75 | 10.5 |
| US-LT40B-15C | 1.0 - 2.2 | 8.7 - 19.4 | 1,500 | 320 | 12.8 | 2.0 | 0.9 | 36 | 1.4 | 1/4 | 75 | 10.5 |
| US-LT40-03C | 5.0 - 10.0 | 43.4 - 86.8 | 300 | 360 | 14.2 | 2.4 | 1.1 | 35.5 | 1.4 | 1/4 Sq. | 72 | 10.5 |
| US-LT40-05C | 2.3 - 5.7 | 20.0 - 50.2 | 500 | 322 | 13.0 | 2.1 | 0.9 | 35.5 | 1.4 | 1/4 Sq. | 75 | 10.5 |
| US-LT40-08C | 1.6 - 4.0 | 8.7 - 34.7 | 800 | 320 | 12.8 | 2.0 | 0.9 | 32 | 1.3 | 1/4 Sq. | 75 | 10.5 |
| LEVER | | | | | | | | | | | | |
| US-LT30BL-11 | 1.1 - 2.1 | 9.7 - 18.5 | 1,100 | 229 | 8.2 | 1.2 | 0.5 | 15 | 0.6 | 1/4 | 70 | 5.2 |
| US-LT30BL-17 | 0.7 - 1.5 | 6.2 - 13.2 | 1,700 | 229 | 8.2 | 1.2 | 0.5 | 15 | 0.6 | 1/4 | 70 | 5.2 |
| US-LT40BL-08 | 1.6 - 4.0 | 14.1 - 35.2 | 800 | 249 | 9.8 | 1.5 | 0.7 | 17 | 0.7 | 1/4 | 70 | 5.6 |
| US-LT40BL-15 | 1.0 - 2.2 | 8.8 - 19.4 | 1,500 | 249 | 9.8 | 1.5 | 0.7 | 17 | 0.7 | 1/4 | 70 | 5.6 |

Angle Head Height: 32 - 36mm

Air Inlet: N.P.T. 1/4"

Air Hose Size: 1/4" I.D. for all models



US-LT31PB Series



US-LT41PB Series



US-LT51PB Series



US-LT60P Series

TORQUE CONTROL LIGHT TOUCH (LT) SERIES - PISTOL

Recommended Air Pressure: 85 psi

| MODEL | TORQUE RANGE (SOFT JOINT) | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|--------------|------------------------------|--------------|----------------------|-------------------|-----|--------|-----|---------------------------|-----|-------------------------|---------------------|
| | NM | IN-LB | | MM | IN | LB | KG | MM | IN | | |
| US-LT31PB-05 | 2.4 - 5.0 | 21.1 - 44.0 | 500 | 189 | 8.2 | 1.9 | 0.9 | 16 | 0.6 | 70 | 7.0 |
| US-LT31PB-11 | 1.1 - 2.1 | 9.7 - 18.5 | 1,100 | 170 | 7.0 | 1.6 | 0.7 | 16 | 0.6 | 70 | 7.0 |
| US-LT31PB-17 | 0.7 - 1.5 | 6.2 - 13.2 | 1,700 | 170 | 7.0 | 1.6 | 0.7 | 16 | 0.6 | 70 | 7.0 |
| US-LT31PB-23 | 0.4 - 1.0 | 3.5 - 8.8 | 2,300 | 170 | 7.0 | 1.6 | 0.7 | 16 | 0.6 | 70 | 7.0 |
| US-LT41PB-08 | 1.6 - 4.0 | 14.0 - 35.2 | 800 | 175 | 7.7 | 1.9 | 0.9 | 17 | 0.6 | 70 | 10.5 |
| US-LT41PB-15 | 1.0 - 2.2 | 8.8 - 19.4 | 1,500 | 175 | 7.7 | 1.9 | 0.9 | 17 | 0.6 | 70 | 10.5 |
| US-LT41PB-21 | 1.0 - 1.7 | 8.8 - 15.0 | 2,500 | 175 | 7.7 | 1.9 | 0.9 | 17 | 0.6 | 74 | 10.5 |
| US-LT51PB-05 | 5.0 - 10.5 | 44.0 - 92.4 | 480 | 198 | 8.5 | 2.6 | 1.2 | 20 | 0.8 | 74 | 17.5 |
| US-LT51PB-08 | 3.0 - 5.5 | 26.4 - 48.4 | 800 | 198 | 8.5 | 2.6 | 1.2 | 20 | 0.8 | 75 | 17.5 |
| US-LT51PB-17 | 1.5 - 2.6 | 13.2 - 22.9 | 1,700 | 198 | 8.5 | 2.6 | 1.2 | 20 | 0.8 | 75 | 17.5 |
| US-LT60P-03* | 7.0 - 20.0 | 61.6 - 176.0 | 320 | 230 | 9.1 | 3.7 | 1.7 | 22 | 0.9 | 75 | 21.0 |
| US-LT60P-07* | 4.0 - 10.0 | 35.2 - 88.0 | 650 | 230 | 9.1 | 3.7 | 1.7 | 22 | 0.9 | 76 | 21.0 |
| US-LT60P-11* | 4.0 - 7.0 | 35.2 - 61.6 | 1,100 | 230 | 9.1 | 3.7 | 1.7 | 22 | 0.9 | 77 | 21.0 |

Air Hose Size: 1/4 I.D. for US-LT31PB & US-LT41PB Series

Air Inlet: N.P.T. 1/4"

3/8 I.D. for US-LT31PB-05, US-LT51PB Series & US-LT60P Series

* Optional 3/8" Sq. Drive available for US-LT60P Series ADD (P) to Model Number

US & US-LD PNEUMATIC SCREWDRIVERS



US-LD40P-15



US-LD50P-08



US-3.5ACB

DIRECT DRIVE SERIES

Recommended Air Pressure: 72 psi

| MODEL | MAX TORQUE | | | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|-------------|------------------|-------|------------------|-------|-------------------|----------------|-----|--------|-----|------------------------|-----|-------------------------|---------------------|
| | SOFT JOINT NM | FT-LB | HARD JOINT NM | FT-LB | | MM | IN | LB | KG | MM | IN | | |
| PISTOL | | | | | | | | | | | | | |
| US-LD40P-08 | 4.8 | 3.6 | 5.7 | 4.2 | 940 | 130 | 5.1 | 1.5 | 0.7 | 17 | 0.7 | 70 | 14.0 |
| US-LD40P-15 | 3.0 | 2.2 | 3.2 | 2.4 | 1,700 | 130 | 5.1 | 1.5 | 0.7 | 17 | 0.7 | 70 | 14.0 |
| US-LD40P-21 | 2.0 | 1.5 | 2.8 | 2.1 | 2,500 | 130 | 5.1 | 1.5 | 0.7 | 17 | 0.7 | 74 | 14.0 |
| US-LD50P-05 | 10.0 | 7.4 | 11.2 | 8.3 | 500 | 153 | 6.0 | 2.0 | 0.9 | 20 | 0.8 | 74 | 17.5 |
| US-LD50P-08 | 6.5 | 4.8 | 7.8 | 5.8 | 900 | 153 | 6.0 | 2.0 | 0.9 | 20 | 0.8 | 75 | 17.5 |
| US-LD50P-17 | 3.5 | 2.6 | 5.9 | 4.4 | 1,900 | 150 | 5.9 | 2.0 | 0.9 | 20 | 0.8 | 75 | 17.5 |

| ANGLE | MAX TORQUE | | | | CAPACITY (SCREW SIZE) | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|-----------|------------------|-------|------------------|-------|--------------------------|-------|-------------------|----------------|----|--------|-----|------------------------|-----|-------------------------|---------------------|
| | SOFT JOINT NM | FT-LB | HARD JOINT NM | FT-LB | MM | IN | | MM | IN | LB | KG | MM | IN | | |
| US-3.5ACB | 1.75 | 1.1 | 2.5 | 1.8 | 4 | No. 8 | 2,000 | 200 | 79 | 1.4 | 0.7 | 10.0 | 0.4 | 85 | 7.0 |

Air Hose Size: 1/4" I.D.

Air Inlet: N.P.T. 1/4"



US-3.5B



US-5

CUSHION CLUTCH SERIES

Recommended Air Pressure: 57 psi

| MODEL | CAPACITY (SCREW SIZE) | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT LESS BIT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|---------|--------------------------|--------|-------------------|----------------|-----|-----------------|-----|------------------------|-----|-------------------------|---------------------|
| | MM | IN | | MM | IN | LB | KG | MM | IN | | |
| US-3.5B | 4 | No. 8 | 2,000 | 214 | 8.5 | 1.4 | 0.6 | 17 | 0.7 | 75 | 7.0 |
| US-5 | 5 | No. 10 | 1,400 | 236 | 7.1 | 2.4 | 1.1 | 21 | 0.8 | 75 | 7.0 |

Air Hose Size: 1/4" I.D.

Air Inlet: N.P.T. 1/4"



US-350PW



US-450PW



US-652PW



US-450WB

IMPACT SERIES

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY (SCREW SIZE) | | FREE SPEED RPM | OVERALL LENGTH | | WEIGHT LESS BIT | | FROM CENTER TO OUTSIDE | | NOISE LEVEL dB(A) | AIR USAGE CFM |
|----------|--------------------------|--------|-------------------|----------------|-----|-----------------|-----|------------------------|-----|-------------------------|---------------------|
| | MM | IN | | MM | IN | LB | KG | MM | IN | | |
| PISTOL | | | | | | | | | | | |
| US-350PW | 4 | No. 8 | 15,000 | 121 | 4.8 | 1.2 | 0.5 | 17 | 0.7 | 81 | 7.0 |
| US-450PW | 5 | No. 10 | 14,000 | 151 | 5.9 | 1.7 | 0.8 | 17 | 0.7 | 79 | 7.0 |
| US-652PW | 6 | 1/4 | 9,000 | 155 | 6.1 | 1.9 | 0.9 | 23 | 0.9 | 79 | 12.4 |
| STRAIGHT | | | | | | | | | | | |
| US-6W | 6 | 1/4 | 9,500 | 187 | 7.4 | 1.8 | 0.8 | 22.5 | 0.9 | 85 | 10.5 |
| US-450WB | 5 | No. 10 | 11,000 | 161 | 6.3 | 1.2 | 0.6 | 18.5 | 0.7 | 80 | 7.0 |

Air Hose Size: 1/4" I.D.

Air Inlet: N.P.T. 1/4"

Recommended air pressure: 57 psi for US-350PW, US-450PW, US-6W, and US-450WB / 72 psi for US-652PW.

(R) Denotes Directional Muffled Rear Exhaust option

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368

Tested and **PROVEN** to **BEAT** the competition in vibration and noise levels. These tools outperform the competition in number of rundowns per battery charge.



SHUT-OFF IMPACT TOOLS

The **Signature Series** Impact Shut-Off Pistol Tool can operate as a standard impact wrench or as an impact wrench with a programmable shut-off point, preventing over-torquing. These innovative tools deliver a torque range of 3–120 Nm (2–89 ft-lb). No torque reaction, coupled with the ergonomic, lightweight design and reduced vibration, helps to prevent user injury.

FEATURES AND BENEFITS

- Brushless motor provides longer motor life and increased efficiency
- Easy-to-read process information lights
- Advanced shut-off system
- LED light for work-area illumination
- Programmable buttons for easy operation
- Li-Ion battery provides long battery life
- Mini USB port for connection to optional programmer (SPC-2PGM)



SIW-P5538

| MODEL | TORQUE RANGE | | MAX TORQUE | | FREE SPEED | BATTERY | | WEIGHT | | ANVIL SIZE | NOISE LEVEL dB(A) |
|------------|--------------|---------|------------|-------|------------|---------|-----|--------|-----------|------------|-------------------|
| | NM | FT-LB | NM | FT-LB | | (V) | LB | KG | | | |
| SIW-P2525Q | 3 - 25 | 2 - 18 | 40 | 30 | 2,400 | 20 | 2.2 | 1 | 1/4 QC | 71 | |
| SIW-P3225Q | 6 - 32 | 4 - 24 | 90 | 66 | 2,400 | 20 | 2.2 | 1 | 1/4 QC | 71 | |
| SIW-P3238 | 6 - 32 | 4 - 24 | 90 | 66 | 2,400 | 20 | 2.2 | 1 | 3/8 Sq Dr | 71 | |
| SIW-P5538 | 15 - 55 | 11 - 41 | 120 | 90 | 2,400 | 20 | 2.4 | 1.1 | 3/8 Sq Dr | 71 | |
| SIW-P5550 | 15 - 55 | 11 - 41 | 120 | 90 | 2,400 | 20 | 2.4 | 1.1 | 1/2 Sq Dr | 71 | |
| SIW-P10050 | 25 - 100 | 18 - 74 | 180 | 133 | 2,400 | 20 | 2.4 | 1.1 | 1/2 Sq Dr | 71 | |
| SIW-P12050 | 30 - 120 | 22 - 89 | 210 | 155 | 2,400 | 20 | 2.9 | 1.3 | 1/2 Sq Dr | 71 | |

Shut-Off Impact Tools Include: Body Jacket, Bail, and one (1) 18V Li-Ion Battery

BATTERY AND CHARGER

The **Signature Series** Shut-Off Impact Tool battery features a slim profile design and a slide mount connection to the tool, which ensures durability and makes changing out batteries quick and easy.

| BATTERY MODEL # | VOLTAGE / CAPACITY | TYPE |
|-----------------|--------------------|------------------------|
| SIW-B20LI | 20V, 2.0 Ah | Li-Ion |
| SIW-B20LI-HC | 20V, 4.0 Ah | Li-Ion |
| CHARGER MODEL # | OUTPUT | INPUT |
| SIW-C18-20 | 18 - 20V, 4.0 A | 100 - 240VAC, 50-60 Hz |



SIW-B20LI

SIW-C18-20

ACCESSORIES

| MODEL # | DESCRIPTION |
|----------|------------------------------|
| BJ10091 | Grey Body Jacket Cover |
| SIW-PBL | Suspension Bail |
| SIW-38PR | Pin Retainer Kit, 3/8" Drive |
| SIW-50PR | Pin Retainer Kit, 1/2" Drive |



BJ10091

SIW-PBL

Quick shut-off, precision clutch minimizes torque reaction and ensures precise application of torque.

PRECISION CLUTCH TOOLS

Signature Series precision clutch tools feature a quick-releasing clutch that delivers accuracy across multiple joint types. Constructed of precision machined parts, this tool guarantees accuracy and durability over the life of the tool.

FEATURES AND BENEFITS

- LED indicator provides simple process information to the operator. The signal is visible from any angle
- Press button for easy F/R operation
- LED light for working in dark areas
- Trigger repeat protection avoids double hits on already seated screws
- Easily attached sliding battery system
- Mini USB port for connection to optional programmer (SPC-2PGM)
- Li-Ion battery pack delivers longer run time
- Ergonomic handle design provides outstanding balance and weight and is ideal for accessing hard-to-reach locations
- Angle tool enables multiple head positions



| MODEL | TORQUE RANGE | | FREE SPEED RPM RANGE (PROGRAMMABLE WITH PROGRAMMER ACCESSORY) | BATTERY VOLTAGE | TOOL WEIGHT (W/O BATTERY) | | ANVIL SIZE |
|-------------------------|--------------|-------------|---|--------------------|---------------------------|-----|---------------|
| | NM | FT-LB | | | LB | KG | |
| Pistol Grip* | | | | | | | |
| SPC-P2325Q | .8 - 3 | .6 - 2.2 | 500 - 1,550 | 18V | 2.1 | .95 | 1/4" hex |
| SPC-P2625Q | 1 - 6 | .7 - 4.4 | 300 - 1,000 | 18V | 2.1 | .95 | 1/4" hex |
| SPC-P2925Q | 1.5 - 9 | 1.1 - 6.6 | 300 - 800 | 18V | 2.1 | .95 | 1/4" hex |
| SPC-P21225Q | 2 - 12 | 1.5 - 8.8 | 250 - 600 | 18V | 2.1 | .95 | 1/4" hex |
| Right Angle Nutrunner** | | | | | | | |
| SPC-A21025Q | 3 - 12 | 2.2 - 8.8 | 400 - 1,000 | 18V | 3.5 | 1.6 | 1/4" hex |
| SPC-A21025 | 3 - 12 | 2.2 - 8.8 | 400 - 1,000 | 18V | 3.5 | 1.6 | 1/4" Sq |
| SPC-A21038 | 3 - 12 | 2.2 - 8.8 | 400 - 1,000 | 18V | 3.5 | 1.6 | 3/8" Sq |
| SPC-A21625Q | 5 - 18 | 3.7 - 13.3 | 300 - 600 | 18V | 3.5 | 1.6 | 1/4" hex |
| SPC-A21625 | 5 - 18 | 3.7 - 13.3 | 300 - 600 | 18V | 3.5 | 1.6 | 1/4" Sq |
| SPC-A21638 | 5 - 18 | 3.7 - 13.3 | 300 - 600 | 18V | 3.5 | 1.6 | 3/8" Sq |
| SPC-A23038 | 8 - 30 | 5.9 - 22 | 250 - 480 | 18V | 3.5 | 1.6 | 3/8" Sq |
| SPC-A23538 | 10 - 35 | 7.4 - 25.8 | 220 - 330 | 18V | 3.5 | 1.6 | 3/8" Sq |
| SPC-A25038 | 10 - 50 | 7.4 - 37 | 200 Non-Programmable Fixed Speed*** | 18V | 5.3 | 2.4 | 3/8" Sq |
| SPC-A27038 | 20 - 70 | 14.8 - 51.7 | 170 Non-Programmable Fixed Speed*** | 18V | 6.3 | 2.9 | 3/8" Sq |
| SPC-A210050 | 35 - 100 | 26 - 74 | 119 Non-Programmable Fixed Speed*** | 18V | 7.4 | 3.4 | 1/2" Sq |

* Pistol Grip Tools include: Torque Adjustment Tool and one (1) 18V Li-Ion Battery

** Angle Nutrunners include: Torque Adjustment Tool, Head Indexing Spanner Wrench, and one (1) 18V Li-Ion Battery

*** High torque tools feature fixed RPM

BATTERY AND CHARGER

The AIMCO **Signature Series** Precision Clutch Tool battery and charging system could not be more simple. One universal battery and charger interface with all of the **Signature Series** Precision Clutch tools. Each tool utilizes the same lightweight 18V Li-Ion battery, which provides superior battery life. The charger accepts input AC power of 100–240VAC, making use simple anywhere in the world.



SPC-B218LI

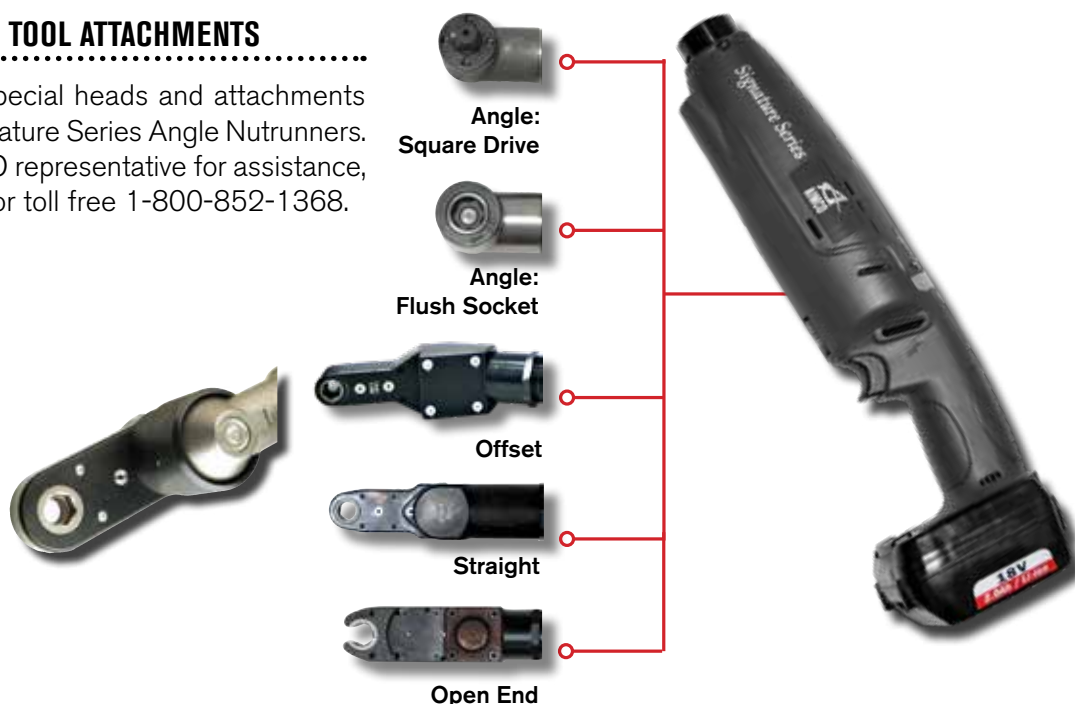


SPC-C218-19

| BATTERY MODEL # | VOLTAGE | TYPE | CAPACITY | WEIGHT |
|-----------------|--------------------|------------------------|--|---------------|
| SPC-B218LI | 18V | Li-Ion | 2.0 Ah | .8 Lb/.4 kg |
| SPC-B218LI-HC | 18V | Li-Ion | 4.0 Ah | 1.4 Lb/.64 kg |
| CHARGER MODEL # | OUTPUT | INPUT | DIMENSIONS (W/O BATTERY) | WEIGHT |
| SPC-C218-19 | 18V-19.2V 3.0 A | 100-240VAC 50-60 Hz | 6.25" deep x 5" wide x 3.5" tall 158.75 mm x 127 mm x 89 mm | 1.2 Lb/.54 kg |

PRECISION CLUTCH TOOL ATTACHMENTS

A wide variety of special heads and attachments can be fitted to Signature Series Angle Nutrunners. Contact your AIMCO representative for assistance, 1-503-254-6600, or toll free 1-800-852-1368.



QUICK CLIP

The two piece Quick Clip comes with a belt clip and a stretch cord attachment for the Signature Series Precision Clutch pistol tool. The patented ball feature allows for quick and easy release.

SPC-QC

BODY JACKETS

Prevent damage to the workpiece.

| MODEL | DESCRIPTION |
|---|--|
|  BJ10082 | Clear Body Jacket for Signature Series Precision Clutch Pistol Tools |
|  BJ10083 | Clear Body Jacket for Signature Series Precision Clutch Angle Nutrunners |

TOOL SPEED PROGRAMMER

Each **Signature Series** battery tool has programmable features that enhance operator efficiency. Programmable features include:

- Tool speed control from minimum (1,500 rpm) to maximum (2,400 rpm) speed in 50 rpm increments
- Forward/Reverse Mode - Three setting options
- Two-stage trigger delay control
- Screw count / impact count
- Supervisor level "lock-out" control



SPC-2PGM

Additionally, the **Signature Series** battery tool has an integrated mini USB connector that couples to the **Signature Series** Programmer module. Simply connect the tool to the Programmer Module and flash the tool to the desired RPM. The programmed RPM will remain until a change is desired.

HOLSTERS



AIMCO offers right-hand and left-hand holsters for pistol and right angle tools.

SPC-P-HL-LH for Left Hand
SPC-P-HL-RH for Right Hand

TOOL BASKETS



21226

AIMCO tool baskets can be affixed to a bench or rack and can be used for either a pistol or right angle tool.

Signature Series

Signature Series tools can be adapted to a wide range of application-specific configurations. Contact your AIMCO Customer Service Associate for assistance, 1-503-254-6600, or toll free 1-800-852-1368.

ELECTRIC SCREWDRIVERS

ELECTRA[®] SERIES

- Available in push-to-start and lever start styles
- Ergonomic design – Lightweight, compact housings ensure operator comfort during operation
- Accurate torque control – Precise controlled fastening with automatic shut-off clutches
- External brush replacement – Virtually no down time for brush replacement
- External torque adjustment – Torque level can be easily adjusted by simply turning the external adjustment ring



AE-5681



- UL Listed and CE Certified – Drivers meet electrical safety standards in both the U.S. and Europe
- Direct plug-in style – Offers easy and convenient start-up (certain models), simply plug it in
- State-of-the-art motor design – Ensures comfortable grip temperature for operator and extended motor life

ELECTRA[®] SERIES

| MODEL | TORQUE RANGE | | FREE SPEED RPM | WEIGHT | | LENGTH | | HEX DRIVE | | POWER SOURCE |
|---|--------------|-------------|-------------------|--------|-----|--------|-----|-----------|-----|---|
| | IN-LB | KGF-CM | | LB | KG | IN | MM | IN | MM | |
| PUSH-TO-START DIRECT PLUG-IN SERIES | | | | | | | | | | |
| AE-5681 (Includes torque cover) | 3.5 - 15.6 | 4 - 18.0 | 1,000 | 1.2 | 0.5 | 9.3 | 237 | 1/4 | 6.4 | 115V AC* |
| AE-8681 (Includes pistol grip handle adapter) | 15 - 45 | 23.0 - 51.8 | 600 | 1.6 | 0.7 | 10.6 | 269 | 1/4 | 6.4 | 115V AC* |
| LOW-VOLTAGE LEVER START SERIES (Requires External Power Supply) | | | | | | | | | | POWER SUPPLY: |
| AE-2020 | .35 - 1.3 | .40 - 1.5 | 720 | 0.7 | 0.3 | 8.0 | 203 | 1/4 | 6.4 | See page 33 for required power |
| AE-4020 | .9 - 5 | 1.0 - 6.0 | 720 | 0.7 | 0.3 | 8.0 | 203 | 1/4 | 6.4 | supplies ² |
| AE-4520 | 1.3 - 8.7 | 1.5 - 10.0 | 720 | 0.7 | 0.3 | 8.0 | 203 | 1/4 | 6.4 | |
| AE-7010 | 6.1 - 17.4 | 7.0 - 20.0 | 750 | 1.4 | 0.6 | 9.3 | 236 | 1/4 | 6.4 | |
| AE-8010 | 10.4 - 26.0 | 12.0 - 29.9 | 550 | 1.4 | 0.6 | 9.3 | 236 | 1/4 | 6.4 | |
| LOW-VOLTAGE PUSH-TO-START SERIES (Requires External Power Supply) | | | | | | | | | | POWER SUPPLY: |
| AE-7010PS | 6.1 - 17.4 | 7.0 - 20.0 | 750 | 1.4 | 0.6 | 9.3 | 236 | 1/4 | 6.4 | See page 33 for power supplies ² |
| AE-8010PS | 10.4 - 26.0 | 12.0 - 29.9 | 550 | 1.4 | 0.6 | 9.3 | 236 | 1/4 | 6.4 | |

* 220V AC is available upon request. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

ELECTRA[®] LOW ESD SERIES

- Grounded bit – Grounded chuck assembly routes any existing charge to ground
- Carbonized housing – Handle material and buttons are constructed of carbonized plastic throughout, enabling any charge received by the handle to be routed to ground
- Long-Lasting ESD resistant handle – Material will maintain its integrity for the life of the handle, unlike coatings or paints



AE-5681ESD



ELECTRA[®] LOW ESD SERIES

| MODEL | TORQUE RANGE | | FREE SPEED RPM | WEIGHT | | LENGTH | | HEX DRIVE | | POWER SOURCE |
|-------------|--------------|------------|-------------------|--------|-----|--------|-----|-----------|-----|--------------|
| | IN-LB | KGF-CM | | LB | KG | IN | MM | IN | MM | |
| AE-4520ESD* | 1.3 - 8.7 | 1.5 - 10.0 | 720 | 0.9 | 0.4 | 8.0 | 204 | 1/4 | 6.4 | 35V DC |
| AE-5681ESD | 3.5 - 15.6 | 4 - 18.0 | 1,000 | 1.2 | 0.5 | 9.3 | 237 | 1/4 | 6.4 | 115V AC** |

* Low-voltage units require an external power supply.

** 220V AC is available upon request. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

ELECTRIC SCREWDRIVERS

ELECTRA® SLIP CLUTCH SERIES

- High-speed performance – For quick and consistent assembly and disassembly
- Maximum ergonomics and convenience – Offers a combination of a slip clutch with a high speed motor to provide low torque reaction; one of the best power-to-weight ratios in the industry
- Added maintenance feature – LED light indicates when to change brushes. Brush cap contains a switch that shuts off the power during brush replacement
- Direct 110V plug-in – Eliminates the need for an external power supply



AE-2015



- 1/4" hex quick change chuck for easy bit changes
- External torque collar for easy torque adjustment.

ELECTRA® SLIP CLUTCH SERIES

| MODEL | RECOMMENDED TORQUE RANGE | | FREE SPEED RPM | WEIGHT | | LENGTH | | HEX DRIVE | | POWER SOURCE |
|---------|--------------------------|------------|-------------------|--------|-----|--------|-----|-----------|-----|------------------|
| | IN-LB | KGF-CM | | LB | KG | IN | MM | IN | MM | |
| AE-2015 | 4.3 - 21.7 | 5.0 - 25.0 | 1,000 | 1.2 | .55 | 9.2 | 234 | 1/4 | 6.4 | 110 V / 120V AC* |

** 220V AC is available upon request. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

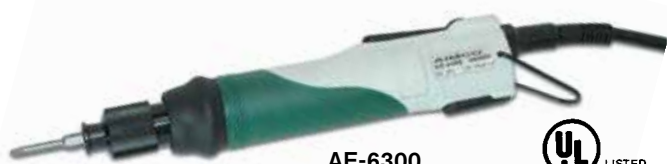
PRECISION SERIES

For low torque applications

- Featuring ergonomic design
- Comes with options such as long-life brushless motors and adjustable speed power supplies

STANDARD MODELS

- Optional speed control power supply – Enables infinite control from 20% to 100% of maximum tool speed and adjustable soft start to minimize cross threading
- Ergonomic housing – Oval shape conforms to hand
- Duralite – Casing material provides a secure grip
- Integrated Lever – Feather touch integrated lever reduces travel and stress. Requires only 2 mm of travel to activate
- External torque control – Twist and go



AE-6300
AE-6450



EXTENDED LIFE MODELS

- Sealed Swiss motor – For higher duty cycles, longer life, and less maintenance. Sealed casing means no brush changes are necessary
- Extended warranty on tool motor – Three year standard motor warranty
- Compact power supply – Makes setup a breeze

PRECISION SERIES

| MODEL | TORQUE RANGE | | FREE SPEED RPM | WEIGHT | | LENGTH | | HEX DRIVE IN | |
|---------------|--------------|------------|-------------------|--------|-----|--------|-----|-----------------|--|
| | IN-LB | KGF-CM | | LB | KG | IN | MM | | |
| STANDARD | | | | | | | | | |
| AE-6300 | .85 - 5.0 | 1.0 - 5.8 | 725 | 0.9 | 0.4 | 8.5 | 216 | 1/4 | |
| AE-6450 | 1.3 - 8.7 | 1.5 - 10.0 | 770 | 0.9 | 0.4 | 8.5 | 216 | 1/4 | |
| HIGH SPEED | | | | | | | | | |
| AE-6300S | .35 - 4.3 | 0.4 - 5.0 | 920 | 0.9 | 0.4 | 8.5 | 216 | 1/4 | |
| AE-6450S | 1.3 - 8.7 | 1.5 - 10.0 | 920 | 0.9 | 0.4 | 8.5 | 216 | 1/4 | |
| EXTENDED LIFE | | | | | | | | | |
| AE-6300M | 1.0 - 5.5 | 1.1 - 6.3 | 550 | 0.9 | 0.4 | 8.5 | 216 | 1/4 | |

ELECTRIC SCREWDRIVERS



**AE-224PS
AE-278PS**



APM-30

ELECTRA® SERIES ACCESSORIES – POWER SUPPLIES

| MODEL | COMPATIBLE SCREWDRIVERS | | TOOL RPM | VOLTAGE CONVERSION | DIMENSIONS | WEIGHT | |
|----------|---|--|----------|------------------------------|-------------------------------------|--------|-----|
| | | | | | | LB | KG |
| AE-224PS | AE-2020 AE-2020ESD AE-4020 AE-4520 AE-4520ESD | AE-6300 AE-6300S AE-6450 AE-6450S | 720 | VARIABLE SPEED SOFT START | 2.6 x 1.6 x 5.0 66 x 41 x 127 mm | 1.0 | .45 |
| AE-278PS | AE-7010 AE-7010PS | AE-8010 AE-8010PS | STANDARD | 110V AC - 220V AC 30V DC | 1.6 x 5.0 x 2.6 41 x 127 x 66 mm | 1.0 | .45 |
| APM-30 | AE-6300M | | 550 | 110V AC - 220V AC 30V DC | 2.1 x 3.4 x 1.9 53 x 87 x 48 mm | 0.4 | 0.2 |



DIGITAL FASTENING COUNTER

The AM Series fastener counter verifies and error-proofs the assembly process.

- Buzzer notifies of missing screws, incomplete fastening, and thread damage
- Counts up to 60,000 units and up to 99 screws per unit
- Connects easily to automation equipment using standard input/output signals
- Large LCD screen is easy to read. A green screen indicates OK fastening, a red screen indicates NG

| MODEL | COMPATIBLE SCREWDRIVERS |
|-------|---|
| AM-45 | For AE-2020, AE-4020, AE-4520 Standard and ESD types |
| AM-65 | For AE-7010, AE-7010PS, AE-8010 and AE-8010PS |

OPTIONAL ACCESSORIES



ANGLE HEAD ATTACHMENTS

Available for lever start series. Not available for Low ESD Series.



PISTOL GRIP HANDLE

Converts to a pistol style driver for horizontal fastening. Available for Trigger Start only (included with AE-8681).



TORQUE COVER

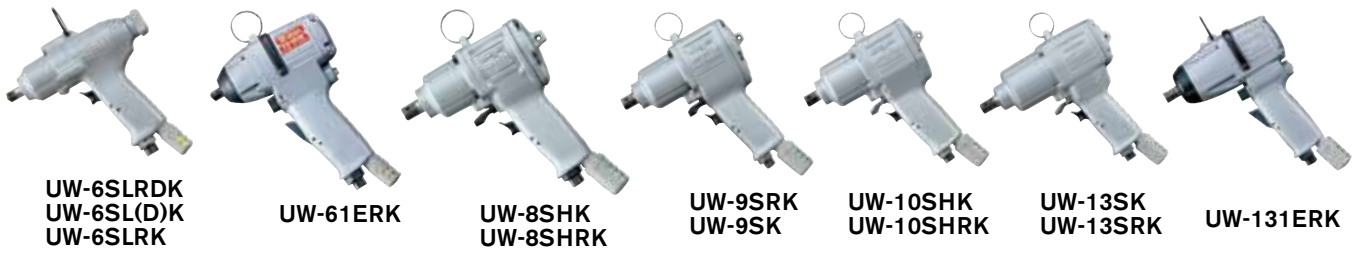
Prevents accidental torque adjustment by the operator (included with AE-5681).

| ITEM | MODEL | COMPATIBLE SCREWDRIVERS |
|------------------------|-----------|--|
| Angle Head Attachments | AE-2045A | For AE-2020, AE-4020, AE-4520 |
| | AE-7080A | For AE-7010, AE-8010 |
| Pistol Grip Handle | AE-PG7080 | For AE-7010, AE-7010PS, AE-8010, AE-8010PS |
| Torque Cover | AE-TC2040 | For AE-2020, AE-4020, AE-4520 |
| | AE-TC7080 | For AE-7010, AE-7010PS, AE-8010, AE-8010PS |
| | 4H2055 | For AE-8681 |

IMPACT TOOLS

UW-SERIES IMPACT TOOLS

UW-Series impact tools offer fast, economical operation in high-volume heavy assembly applications.



UW-6SLRDK
UW-6SL(D)K
UW-6SLRK

UW-61ERK

UW-8SHK
UW-8SHRK

UW-9SRK
UW-9SK

UW-10SHK
UW-10SHRK

UW-13SK
UW-13SRK

UW-131ERK

TWIN HAMMER PISTOL IMPACT WRENCHES

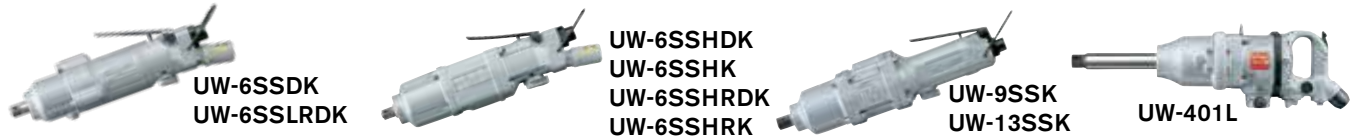
Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | TORQUE RANGE (APPROX) | | SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DR. OR HEX SIZE IN | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION |
|-----------|----------|------|-----------------------|----------|--------------|----------------|-----|--------|-----|------------------------|-----|---------------------------|----------------------|-------------------------|
| | MM | IN | NM | FT-LB | | MM | IN | KG | LB | MM | IN | | | |
| UW-6SLRDK | 6 | 1/4 | 6.9 - 18 | 5 - 13 | 8,500 | 175 | 6.9 | 1.0 | 2.1 | 31.0 | 1.2 | 1/4 Hex | 91 | 12.4 |
| UW-6SLDK | 6 | 1/4 | 6.9 - 18 | 5 - 13 | 8,500 | 175 | 6.9 | 1.0 | 2.1 | 31.0 | 1.2 | 1/4 Hex | 91 | 12.4 |
| UW-6SLK | 6 | 1/4 | 7.8 - 19 | 6 - 14 | 8,500 | 175 | 6.9 | 1.0 | 2.1 | 31.0 | 1.2 | 1/4 Sq. | 92 | 12.4 |
| UW-6SLRK | 6 | 1/4 | 7.8 - 19 | 6 - 14 | 8,500 | 175 | 6.9 | 1.0 | 2.1 | 31.0 | 1.2 | 1/4 Sq. | 92 | 12.4 |
| UW-61ERK | 8 | 5/16 | 14 - 40 | 10 - 30 | 7,300 | 150 | 5.9 | 1.5 | 3.3 | 29.5 | 1.2 | 3/8 Sq. | 91 | 12.4 |
| UW-8SHRK | 8 | 5/16 | 18 - 40 | 13 - 30 | 7,300 | 172 | 6.8 | 1.6 | 3.4 | 31.0 | 1.2 | 1/2 Sq. | 93 | 14.0 |
| UW-8SHK | 8 | 5/16 | 29 - 69 | 21 - 51 | 7,500 | 172 | 6.8 | 1.6 | 3.4 | 31.0 | 1.2 | 1/2 Sq. | 93 | 14.0 |
| UW-9SRK | 10 | 3/8 | 35 - 87 | 26 - 64 | 7,000 | 178 | 7.0 | 1.8 | 3.9 | 34.0 | 1.3 | 1/2 Sq. | 93 | 16.0 |
| UW-9SK | 10 | 3/8 | 35 - 87 | 26 - 64 | 7,000 | 178 | 7.0 | 1.8 | 4.0 | 34.0 | 1.3 | 1/2 Sq. | 95 | 17.6 |
| UW-10SHRK | 12 | 1/2 | 47 - 170 | 35 - 125 | 6,000 | 183 | 7.2 | 2.1 | 4.7 | 30.5 | 1.4 | 1/2 Sq. | 95 | 16.0 |
| UW-10SHK | 12 | 1/2 | 49 - 180 | 36 - 133 | 6,500 | 183 | 7.2 | 2.1 | 4.7 | 35.0 | 1.4 | 1/2 Sq. | 95 | 16.0 |
| UW-13SRK | 13 | 1/2 | 88 - 250 | 65 - 184 | 6,000 | 215 | 8.5 | 2.6 | 5.7 | 37.5 | 1.5 | 1/2 Sq. | 95 | 16.0 |
| UW-13SK | 13 | 1/2 | 88 - 250 | 65 - 184 | 6,500 | 215 | 8.5 | 2.6 | 5.7 | 37.5 | 1.5 | 1/2 Sq. | 95 | 19.4 |
| UW-131ERK | 13 | 1/2 | 84 - 260 | 62 - 192 | 5,500 | 205 | 8.1 | 3.0 | 6.5 | 37.5 | 1.5 | 1/2 Sq. | 97 | 19.4 |

Air Hose Size: 3/8" I.D.

Air Inlet: N.P.T. 1/4"

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.



UW-6SSDK
UW-6SSLRDK

UW-6SSHDK
UW-6SSHK
UW-6SSHRDK
UW-6SSHRK

UW-9SSK
UW-13SSK

UW-401L

TWIN HAMMER INLINE IMPACT WRENCHES

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | TORQUE RANGE (APPROX) | | SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DR. OR HEX SIZE IN | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION |
|------------|----------|-------|-----------------------|-------------|--------------|----------------|------|--------|------|------------------------|-----|---------------------------|----------------------|-------------------------|
| | MM | IN | NM | FT-LB | | MM | IN | KG | LB | MM | IN | | | |
| UW-6SSDK | 6 | 1/4 | 7.8 - 22 | 6 - 16 | 7,500 | 185 | 7.3 | 1.0 | 2.1 | 28.0 | 1.1 | 1/4 Hex | 91 | 10.5 |
| UW-6SSLK | 6 | 1/4 | 7.8 - 20 | 6 - 15 | 8,500 | 197 | 7.8 | 0.9 | 1.9 | 31.0 | 1.2 | 3/8 Sq. | 90 | 10.5 |
| UW-6SSRK | 6 | 1/4 | 9.8 - 26 | 7 - 19 | 7,500 | 225 | 8.9 | 1.0 | 2.1 | 29.5 | 1.2 | 3/8 Sq. | 91 | 10.5 |
| UW-6SSHDK | 8 | 5/16 | 15 - 30 | 11 - 22 | 7,500 | 205 | 8.1 | 1.2 | 2.7 | 22.0 | 0.8 | 1/4 Hex | 91 | 12.4 |
| UW-6SSLRDK | 6 | 1/4 | 6.9 - 18 | 5 - 13 | 8,500 | 239 | 9.4 | 0.9 | 1.9 | 31.0 | 1.3 | 1/4 Hex | 91 | 10.5 |
| UW-6SSHK | 8 | 5/16 | 22 - 50 | 16 - 37 | 7,500 | 205 | 8.1 | 1.3 | 2.7 | 27.5 | 1.1 | 1/4 Sq. | 92 | 12.4 |
| UW-6SSHRDK | 8 | 5/16 | 15 - 30 | 11 - 22 | 7,300 | 249 | 9.8 | 1.3 | 2.8 | 27.5 | 1.1 | 1/4 Hex | 91 | 12.4 |
| UW-6SSHRK | 8 | 5/16 | 22 - 50 | 16 - 37 | 7,300 | 249 | 9.8 | 1.3 | 2.8 | 27.5 | 1.1 | 3/8 Sq. | 91 | 12.4 |
| UW-9SSK | 10 | 3/8 | 35 - 87 | 26 - 64 | 7,000 | 290 | 11.4 | 2.1 | 4.6 | 34.0 | 1.3 | 1/2 Sq. | 95 | 16.0 |
| UW-13SSK | 13 | 1/2 | 89 - 250 | 66 - 184 | 6,300 | 281 | 11.1 | 3.2 | 7.0 | 39.0 | 1.5 | 1/2 Sq. | 97 | 19.4 |
| UW-401 | 38 | 1-1/2 | 880 - 2,500 | 649 - 1,844 | 3,200 | 494 | 19.5 | 15.1 | 33.2 | 62.5 | 2.5 | 1 Sq. | 110 | 42.4 |
| UW-401L | 38 | 1-1/2 | 790 - 2,300 | 583 - 1,696 | 3,200 | 654 | 25.8 | 16.5 | 36.3 | 62.5 | 2.5 | 1 Sq. | 110 | 42.4 |

Air Hose Size: 3/8" I.D., 1/2" I.D. for UW-401 and UW-401L models

Air Inlet: N.P.T. 1/4"

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.

IMPACT TOOLS MODEL NUMBER KEY

UW-SH = Pistol grip
 UW-SSH = Straight handle
 UW-CSH = Angle head
 UW-P = Pistol grip for 140 and 381 series

+ L = Long anvil
 + R = Rear exhaust
 + K = Lightweight
 + DK = Driver-type anvil, lightweight

IMPACT TOOLS



UW-6CSK



**UW-6CSHK
UW-6CSHRK**



UW-9CSK



UW-13CSK

TWIN HAMMER ANGLE IMPACT WRENCHES

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | TORQUE RANGE (APPROX) | | SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DR. OR HEX SIZE IN | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION |
|-----------|----------|------|-----------------------|----------|--------------|----------------|------|--------|------|------------------------|-----|---------------------------|----------------------|-------------------------|
| | MM | IN | NM | FT-LB | | MM | IN | KG | LB | MM | IN | | | |
| UW-6CSK | 6 | 1/4 | 7.8 - 22 | 6 - 16 | 7,500 | 218 | 8.6 | 1.4 | 3.1 | 28.0 | 1.1 | 3/8 Sq. | 94 | 10.5 |
| UW-6CSHK | 8 | 5/16 | 19 - 41 | 14 - 30 | 7,500 | 238 | 9.4 | 1.7 | 3.8 | 27.5 | 1.1 | 3/8 Sq. | 94 | 12.4 |
| UW-6CSHRK | 8 | 5/16 | 19 - 41 | 14 - 30 | 7,300 | 282 | 11.1 | 1.7 | 3.8 | 27.5 | 1.1 | 3/8 Sq. | 94 | 10.5 |
| UW-9CSK | 10 | 3/8 | 27 - 71 | 20 - 52 | 7,000 | 337 | 13.3 | 2.8 | 6.1 | 34.0 | 1.3 | 1/2 Sq. | 95 | 12.4 |
| UW-13CSK | 13 | 1/2 | 75 - 200 | 55 - 148 | 6,500 | 374 | 14.7 | 5.2 | 11.4 | 39.0 | 1.5 | 1/2 Sq. | 97 | 26.5 |

Air Hose Size: 3/8" I.D.

Air Inlet: N.P.T. 1/4"

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.



UW-140P(WR)



**UW-220P
UW-220PL**



UW-251P



**UW-381
UW-381L**



UW-381P

SWING HAMMER IMPACT WRENCHES

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | TORQUE RANGE (APPROX) | | SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DR. OR HEX SIZE IN | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION |
|-------------|----------|-------|-----------------------|---------------|--------------|----------------|-------|--------|------|------------------------|-----|---------------------------|----------------------|-------------------------|
| | MM | IN | NM | FT-LB | | MM | IN | KG | LB | MM | IN | | | |
| UW-140P(WR) | 12 | 1/2 | 70 - 210 | 52 - 155 | 6,500 | 200 | 7.9 | 2.7 | 5.9 | 33.0 | 1.3 | 1/2 Sq. | 93 | 25.0 |
| UW-220P | 19 | 3/4 | 300 - 700 | 221 - 516 | 5,500 | 230 | 9.1 | 2.8 | 9.6 | 42.0 | 1.7 | 3/4 Sq. | 95 | 25.0 |
| UW-220PL | 19 | 3/4 | 300 - 700 | 221 - 516 | 5,500 | 350 | 13.8 | 4.4 | 10.3 | 42.0 | 1.7 | 3/4 Sq. | 95 | 25.0 |
| UW-251P | 25 | 1 | 600 - 1,000 | 443 - 738 | 5,500 | 276 | 10.9 | 8.0 | 17.6 | 55.0 | 2.0 | 1 Sq. | 95 | 28.0 |
| UW-381 | 38 | 1-1/2 | 760 - 2,000 | 561 - 1,475 | 4,700 | 395 | 115.6 | 9.5 | 20.9 | 58.5 | 2.3 | 1 Sq. | 100 | 31.5 |
| UW-381L | 38 | 1-1/2 | 1,400 - 2,000 | 1,033 - 1,475 | 4,700 | 543 | 21.4 | 10.0 | 20.9 | 58.5 | 2.3 | 1 Sq. | 100 | 31.5 |
| UW-381P | 38 | 1-1/2 | 760 - 2,000 | 561 - 1,475 | 4,700 | 276 | 10.9 | 10.0 | 20.9 | 58.5 | 2.3 | 1 Sq. | 99 | 31.5 |

Air Hose Size: 3/8" for UW-140P(WR) 1/2" I.D. for other models

Air Inlet: N.P.T. 1/4" for UW-140P(WR)

N.P.T. 3/8" for UW-220P and UW-251P series

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.



UW-550



UW-75S

TWIN HAMMER JUMBO IMPACT WRENCHES

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | TORQUE RANGE (APPROX) | | SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DR. OR HEX SIZE IN | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION |
|--------|----------|-------|-----------------------|----------------|--------------|----------------|------|--------|-------|------------------------|-----|---------------------------|----------------------|-------------------------|
| | MM | IN | NM | FT-LB | | MM | IN | KG | LB | MM | IN | | | |
| UW-550 | 55 | 2-1/4 | 2,500 - 5,800 | 1,844 - 4,278 | 3,500 | 525 | 20.7 | 36.0 | 79.0 | 78.0 | 3.1 | 1-1/2 Sq. | 112 | 79.0 |
| UW-75S | 76 | 3 | 7,800 - 17,000 | 5,753 - 12,539 | 1,400 | 670 | 26.4 | 56.0 | 123.0 | 96.0 | 3.8 | 1-1/2 Sq. | 112 | 114.0 |

Air Hose Size: 3/4" I.D.

Air Inlet: N.P.T. 1"

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.

STUD BOLT WRENCH

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | TORQUE RANGE (APPROX) | | SPEED RPM | OVERALL LENGTH | | WEIGHT | | FROM CENTER TO OUTSIDE | | SQ. DR. OR HEX SIZE IN | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION |
|-----------|----------|------|-----------------------|---------|--------------|----------------|-----|--------|-----|------------------------|-----|---------------------------|----------------------|-------------------------|
| | MM | IN | NM | FT-LB | | MM | IN | KG | LB | MM | IN | | | |
| UW-ST6SHK | 8 | 5/16 | 22 - 49 | 16 - 36 | 6,500 | 170 | 6.7 | 1.7 | 3.7 | 24.0 | 1.0 | 3/8 Sq. | 92 | 14.0 |

Air Hose Size: 3/8" I.D.

Air Inlet: N.P.T. 1/4"

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.



UW-ST6SHK

GRINDERS



UAG-40SBL-136



UAG-50SBL-109



UAG-70SBL-76



UAG-90SBL-59

ANGLE GRINDERS

Recommended Air Pressure: 85 psi

| MODEL* | CAPACITY (WHEEL SIZE) | | SPEED RPM | RATED HORSEPOWER HP | OVERALL LENGTH | | OVERALL HEIGHT | | WEIGHT | | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|---------------|-----------------------|----|-----------|---------------------|----------------|------|----------------|-----|--------|-----|-------------------|-----------------------------|
| | IN | IN | | | MM | IN | MM | IN | KG | LB | | |
| UAG-40SBL-136 | 4 | | 13,600 | 1.0 | 246 | 9.7 | 76 | 3.0 | 1.3 | 2.9 | 84 | 34.0 |
| UAG-50SBL-109 | 5 | | 10,900 | 1.0 | 246 | 9.7 | 76 | 3.0 | 1.4 | 3.1 | 82 | 34.0 |
| UAG-50SBL-120 | 5 | | 12,000 | 1.0 | 246 | 9.7 | 76 | 3.0 | 1.4 | 3.1 | 82 | 34.0 |
| UAG-70SBL-76 | 7 | | 7,600 | 2.0 | 300 | 11.8 | 98 | 3.9 | 2.9 | 6.4 | 83 | 57.0 |
| UAG-90SBL-59 | 9 | | 5,900 | 2.5 | 308 | 12.1 | 98 | 3.9 | 3.3 | 7.3 | 88 | 67.0 |



UG-25NA



UG-38N



UG-38NA



UG-38NL



UG-38NS



UG-50S-200



UG-45H

UG-60S-29

DIE GRINDERS

Recommended Air Pressure: 85 psi

| MODEL* | COLLET CHUCK SIZE | | SPEED RPM | RATED HORSEPOWER HP | OVERALL LENGTH | | WEIGHT | | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|------------|-------------------|----|-----------|---------------------|----------------|------|--------|-----|-------------------|-----------------------------|
| | IN | IN | | | MM | IN | KG | LB | | |
| UG-25NA | 1/4 | | 23,500 | 0.3 | 153 | 6.0 | 0.5 | 1.2 | 82 | 10.7 |
| UG-38N | 1/4 | | 25,000 | 0.4 | 164 | 6.5 | 0.6 | 1.3 | 85 | 10.7 |
| UG-38NA | 1/4 | | 22,000 | 0.4 | 165 | 6.5 | 0.7 | 1.4 | 75 | 14.0 |
| UG-38NL | 1/4 | | 21,000 | 0.4 | 317 | 12.5 | 0.9 | 2.0 | 85 | 10.7 |
| UG-38NS | 1/4 | | 25,000 | 0.4 | 174 | 6.8 | 0.6 | 1.3 | 85 | 10.7 |
| UG-50S-200 | 1/4 | | 23,000 | 0.3 | 198 | 7.8 | 0.6 | 1.3 | 73 | 14.0 |
| UG-45H | 1/4 | | 18,000 | 0.5 | 196 | 7.7 | 0.8 | 1.8 | 76 | 22.0 |
| UG-60S-29* | 1/4 | | 2,900 | 0.5 | 227 | 8.9 | 1.1 | 2.3 | 77 | 18.0 |

* UG-60S-29 includes spanner wrench to tighten collet

MINI ANGLE DIE GRINDERS

Recommended Air Pressure: 85 psi

| MODEL* | COLLET CHUCK SIZE | | SPEED RPM | RATED HORSEPOWER HP | OVERALL LENGTH | | OVERALL HEIGHT | | WEIGHT KG | WEIGHT LB | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|-------------|-------------------|----|-----------|---------------------|----------------|-----|----------------|-----|-----------|-----------|-------------------|-----------------------------|
| | IN | IN | | | MM | IN | MM | IN | | | | |
| UG-20A-200 | 1/4 | | 20,000 | 0.2 | 131 | 5.2 | 80 | 3.2 | 0.5 | 1.1 | 75 | 10.7 |
| UG-20A-120 | 1/4 | | 12,000 | 0.2 | 131 | 5.2 | 80 | 3.2 | 0.5 | 1.1 | 76 | 10.7 |
| UG-50S-200A | 1/4 | | 20,000 | 0.3 | 195 | 7.7 | 87 | 3.4 | 0.9 | 2.0 | 75 | 14.0 |



UG-20A-120
UG-20A-200



UG-50S-200A



UG-65EB



UG-65EBL



UG-650EL

LIGHTWEIGHT GRINDERS

Recommended Air Pressure: 85 psi

| MODEL* | CAPACITY (WHEEL SIZE) | | SPEED RPM | RATED HORSEPOWER HP | OVERALL LENGTH | | WEIGHT | | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|----------|-----------------------|----|-----------|---------------------|----------------|------|--------|-----|-------------------|-----------------------------|
| | IN | IN | | | MM | IN | KG | LB | | |
| UG-65EB | 2.5 | | 14,600 | 0.6 | 242 | 9.8 | 1.3 | 2.8 | 95 | 22.0 |
| UG-65EBL | 2.5 | | 14,600 | 0.6 | 272 | 10.7 | 1.4 | 3.1 | 95 | 22.0 |
| UG-650EL | 2.5 | | 14,600 | 0.6 | 420 | 16.5 | 1.6 | 3.4 | 85 | 22.0 |

HORIZONTAL GRINDER

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY (WHEEL SIZE) | | SPEED RPM | RATED HORSEPOWER HP | OVERALL LENGTH | | WEIGHT | | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|-------------|-----------------------|----|-----------|---------------------|----------------|------|--------|-----|-------------------|-----------------------------|
| | IN | IN | | | MM | IN | KG | LB | | |
| UG-1250L-72 | 5 | | 7,200 | 1.0 | 436 | 17.2 | 2.8 | 6.2 | 88 | 32.7 |



UG-1250L-72

*Air Hose Size: 3/8" I.D. - 1/2" I.D. (UG-1250L-72)

Air Inlet: N.P.T. 1/4" - N.P.T. 3/8" (UAG-90SBL-59 and UG-1250L-72)

NOTE: Additional models available.

Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.

SANDERS AND DRILLS

SANDER

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY (WHEEL SIZE) | | SPEED RPM | RATED HORSEPOWER HP | OVERALL LENGTH | | WEIGHT | | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|---------|--------------------------|--|--------------|---------------------------|-------------------|-----|--------|-----|-------------------------|-----------------------------------|
| | IN | | | | MM | IN | KG | LB | | |
| UP-25DB | 5 | | 10,000 | 0.3 | 212 | 8.3 | 1.7 | 3.7 | 73 | 7.0 |

Air Hose Size: 3/8" I.D.

Air Inlet: N.P.T. 1/4"

NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.



UP-25DB



UD-50-22
UD-50-200



UD-50-45



UD-60-04
UD-60-07



UD-60-15
UD-60-20



UD-60-29



UD-80-04
UD-80-07



UD-80-12



UD-50S-22
UD-50S-45



UD-60S-15
UD-60S-29



UD-50S-45A
UD-50S-45A*



UD-60S-15C
UD-60S-29C

DRILLS

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | SPEED RPM | OVERALL LENGTH | | WEIGHT WITH CHUCK | | FROM CENTER TO OUTSIDE | | NOMINAL CHUCK SIZE IN | TYPE OF SPINDLE IN-THR'D | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|-------------|----------|------|--------------|-------------------|------|----------------------|------|---------------------------|-----|-----------------------------|--------------------------------|-------------------------|-----------------------------------|
| | MM | IN | | MM | IN | KG | LB | MM | IN | | | | |
| PISTOL | | | | | | | | | | | | | |
| UD-50-200 | 3 | 1/8 | 23,000 | 135 | 5.3 | 0.7 | 1.5 | 21.0 | 0.8 | 5/16 | 3/8-24UNF | 73 | 14 |
| UD-50-45 | 6 | 1/4 | 5,000 | 145 | 5.7 | 0.9 | 1.9 | 21.0 | 0.8 | 5/16 | 3/8-24UNF | 72 | 14 |
| UD-50-22 | 8 | 5/16 | 2,200 | 140 | 5.5 | 0.9 | 2.0 | 21.0 | 0.8 | 5/16 | 3/8-24UNF | 72 | 14 |
| UD-60-29 | 8 | 5/16 | 2,900 | 167 | 6.6 | 1.1 | 2.4 | 22.5 | 0.9 | 5/16 | 3/8-24UNF | 77 | 18 |
| UD-60-20 | 8 | 5/16 | 2,000 | 180 | 7.1 | 1.2 | 2.6 | 22.5 | 0.9 | 5/16 | 3/8-24UNF | 77 | 18 |
| UD-60-15 | 8 | 5/16 | 1,600 | 180 | 7.1 | 1.2 | 2.6 | 22.5 | 0.9 | 5/16 | 3/8-24UNF | 76 | 18 |
| UD-60-07 | 13 | 1/2 | 700 | 219 | 8.6 | 1.4 | 3.1 | 22.5 | 0.9 | 1/2 | 1/2-20UNF | 75 | 18 |
| UD-60-04 | 13 | 1/2 | 500 | 220 | 8.6 | 1.4 | 3.1 | 22.5 | 0.9 | 1/2 | 1/2-20UNF | 75 | 18 |
| UD-80-12 | 13 | 1/2 | 1,200 | 216 | 8.5 | 1.8 | 4.0 | 26.0 | 1.0 | 1/2 | 1/2-20UNF | 79 | 23 |
| UD-80-07 | 13 | 1/2 | 700 | 239 | 9.4 | 2.3 | 5.1 | 26.0 | 1.0 | 1/2 | 1/2-20UNF | 79 | 23 |
| UD-80-04 | 16 | 5/8 | 400 | 247 | 9.7 | 2.9 | 6.4 | 26.0 | 1.0 | 5/8 | 5/8-16UNF | 79 | 23 |
| INLINE | | | | | | | | | | | | | |
| UD-50S-45 | 6 | 1/4 | 5,000 | 210 | 8.3 | 0.9 | 1.9 | 21.0 | 0.8 | 5/16 | 3/8-24UNF | 77 | 14 |
| UD-50S-22 | 8 | 5/16 | 2,200 | 205 | 8.1 | 0.8 | 1.8 | 21.0 | 0.8 | 5/16 | 3/8-24UNF | 77 | 14 |
| UD-60S-29 | 8 | 5/16 | 2,900 | 227 | 8.9 | 1.1 | 2.3 | 22.5 | 0.9 | 5/16 | 3/8-24UNF | 77 | 18 |
| UD-60S-15 | 8 | 5/16 | 1,600 | 238 | 9.4 | 1.2 | 2.5 | 22.5 | 0.9 | 5/16 | 3/8-24UNF | 77 | 18 |
| ANGLE | | | | | | | | | | | | | |
| UD-50S-45A | 4 | #8 | 5,000 | 253 | 10 | 0.9 | 1.98 | 21.0 | 0.8 | - | 1/4-28UNF | 79 | 14 |
| UD-50S-45A* | 4 | #8 | 5,000 | 253 | 10 | 0.9 | 1.98 | 21.0 | 0.8 | - | 1/4-28UNF | 79 | 14 |
| UD-60S-29C | 8 | 5/16 | 2,900 | 276 | 10.9 | 1.5 | 3.3 | 22.5 | 0.9 | 5/16 | 3/8-24UNF | 79 | 18 |
| UD-60S-15C | 8 | 5/16 | 1,600 | 283 | 11.1 | 1.6 | 3.5 | 22.5 | 0.9 | 5/16 | 3/8-24UNF | 79 | 18 |

* UD-50S-45A* comes with a cone jaw chuck installed.

Air Hose Size: 3/8" I.D. Air Inlet: N.P.T. 1/4"

NOTE: Other models are available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.

PERCUSSION TOOLS



RIVETING HAMMERS

Recommended Air Pressure: 85 psi

| MODEL | CAPACITY | | BLOW PER MIN. BPM | OVERALL LENGTH | | WEIGHT | | PISTON DIAMETER | | PISTON STROKE | | NOISE LEVEL dB(A) | AVERAGE AIR CONSUMPTION CFM |
|--------------------|--------------|----------|-------------------|----------------|------|--------|-----|-----------------|-----|---------------|-----|-------------------|-----------------------------|
| | DURALUMIN IN | STEEL IN | | MM | IN | KG | LB | MM | IN | MM | IN | | |
| STANDARD TYPE | | | | | | | | | | | | | |
| SBH-0 | 3/32 | - | 6,500 | 123 | 4.8 | 0.3 | 0.7 | 10.0 | 0.4 | 23 | 0.9 | 90 | 3.5 |
| SBH-1A(R,H)* | 7/64 | - | 4,000 | 209 | 8.2 | 0.9 | 1.9 | 11.1 | 0.4 | 56 | 2.2 | 92 | 5.0 |
| BRH-7(R,H)* | - | - | 3,400 | 168 | 6.6 | 1.6 | 3.6 | 19.1 | 0.8 | 50 | 2.0 | 100 | 17.0 |
| LOW-VIBRATION TYPE | | | | | | | | | | | | | |
| BRH-1UD | 1/8 | 3/32 | 2,800 | 122 | 4.9 | 1.1 | 2.4 | 14.3 | 0.6 | 38 | 1.5 | 95 | 12.0 |
| BRH-5UD | 1/4 | 3/16 | 1,800 | 189 | 7.4 | 1.4 | 3.1 | 12.7 | 0.5 | 100 | 4.0 | 95 | 13.0 |
| BRH-1USD | #5 | #3 | 2,800 | 143 | 5.6 | 1.4 | 3.1 | 14.3 | 0.6 | 38 | 1.5 | 95 | 12.0 |
| BRH-5USD | 1/4 | #10 | 2,800 | 211 | 10.7 | 1.7 | 3.6 | 12.7 | 0.6 | 100 | 1.5 | 95 | 12.0 |

Air Hose Size: 3/8" I.D.

Air Inlet: N.P.T. 1/4"

* R - Round Bushing H - Hex Bushing



ONE SHOT HAMMERS

Recommended Air Pressure: 85 psi

| MODEL | BLOW POWER LB | RIVET SET DIA X LENGTH IN | SHANK DIAMETER | | STROKE | | LENGTH | | WEIGHT | |
|---------|---------------|---------------------------|----------------|-------|--------|------|--------|------|--------|-----|
| | | | MM | IN | MM | IN | MM | IN | LB | KG |
| CB-13P | 1.7 | 4.04 x 9.86 | - | - | 3.0 | 0.12 | 185 | 7.3 | 0.7 | 0.3 |
| RH-25 | 20.4 | - | 10.2 | 0.401 | 29.8 | 1.2 | 213 | 8.4 | 2.0 | 0.9 |
| RH-80 | 27.6 | - | 10.2 | 0.401 | 29.8 | 1.2 | 254 | 10.0 | 2.9 | 0.3 |
| RH-90 | 103 | - | 10.2 | 0.401 | 29.8 | 1.2 | 328 | 12.9 | 3.5 | 1.6 |
| RH-100Z | 78.1 | - | 10.2 | 0.401 | 29.8 | 1.2 | 328 | 12.9 | 3.9 | 1.8 |
| RH-200 | 139 | - | 10.2 | 0.401 | 39.8 | 1.2 | 341 | 13.4 | 4.6 | 2.1 |

Air Hose Size: 3/8" I.D.

Air Inlet: N.P.T. 1/4"

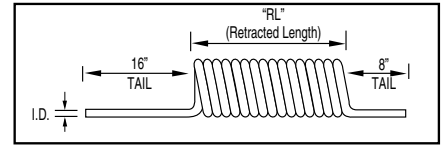
NOTE: Additional models available. Please contact AIMCO, 1-503-254-6600, or toll free 1-800-852-1368.

AIR LINE

Polyurethane Hose



- Durable Polyurethane is chemical resistant and lightweight, and provides excellent recoil memory and maximum flexibility
- Available in transparent hose color (opaque also available)
- Assemblies for coiled hose include reusable swivel fitting. Straight hose available with or without fittings
- Working temperature: -104°F to 175°F



SINGLE AIR HOSE ASSEMBLIES (COILED)

| MODEL | DESCRIPTION (O.D. x I.D. x LENGTH) | RETRACTED LENGTH | WORKING PRESSURE | NPT FITTINGS |
|----------------|---------------------------------------|------------------|------------------|--------------|
| ASH-250C-10MSZ | 3/8" x 1/4" x 10' | 7" | 100 psi | 1/4" |
| ASH-250C-15MSZ | 3/8" x 1/4" x 15' | 9-1/2" | 100 psi | 1/4" |
| ASH-250C-25MSZ | 3/8" x 1/4" x 25' | 15-1/2" | 100 psi | 1/4" |
| ASH-375C-15MSZ | 9/16" x 3/8" x 15' | 10" | 100 psi | 3/8" |
| ASH-375C-25MSZ | 9/16" x 3/8" x 25' | 14" | 100 psi | 3/8" |
| ASH-500C-15MSZ | 3/4" x 1/2" x 15' | 13" | 100 psi | 1/2" |
| ASH-500C-25MSZ | 3/4" x 1/2" x 25' | 23" | 100 psi | 1/2" |

Custom length coil assemblies and special colors available in minimum order quantities. Contact an AIMCO Customer Service Associate, 1-503-254-6600, or toll free 1-800-852-1368.



STRAIGHT AIR HOSE (SOLD PER FOOT)

| MODEL | DESCRIPTION |
|----------|-------------|
| ASH-375Z | 3/8" I.D. |
| ASH-500Z | 1/2" I.D. |

Contact an AIMCO Customer Service Associate about full reel pricing, 1-503-254-6600, or toll free 1-800-852-1368.

Rubber Hose



- Designed for use in a wide range of industrial, construction, and agricultural applications
- Constructed of high grade, reinforced EPDM synthetic rubber
- Working temperature: -40°F to 190°F

SINGLE AIR HOSE (RUBBER)

| I.D. | O.D. | LENGTH | WORKING PRESSURE | WEIGHT |
|-------|-------|--------|------------------|--------|
| 3/16" | 0.44" | 10 ft | 200 psi | 0.8 lb |
| 1/4" | 0.5" | 10 ft | 200 psi | 0.9 lb |
| 5/16" | 0.58" | 10 ft | 200 psi | 1.2 lb |
| 3/8" | 0.67" | 10 ft | 200 psi | 1.5 lb |
| 1/2" | 0.81" | 10 ft | 200 psi | 2.0 lb |
| 5/8" | 0.97" | 10 ft | 200 psi | 2.7 lb |
| 3/4" | 1.12" | 10 ft | 200 psi | 3.4 lb |

Custom lengths available. Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.

HELPFUL HINTS FOR AIR HOSE USE

- Use recommended I.D. air hose and fittings
- Replace air hose regularly to help maintain clean air
- A clear hose allows you to see water or dirt accumulation in hose
- Use correct length of hose to reduce air loss and pressure drop
- Use locking quick-disconnect couplers for additional safety

AIR LINE ACCESSORIES

BRASS QUICK COUPLERS

Manual ball couplers designed for use with ergonomic twist plugs. Brass with nitrile seals, rated to 300 PSI, from -40° to +250° F.

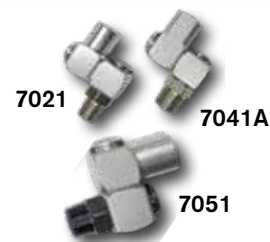
| MODEL | DESCRIPTION |
|-------|------------------------------------|
| B23 | 1/4" NPT F x 1/4" QC Brass Coupler |
| B23E | 1/4" NPT F x 3/8" QC Brass Coupler |
| B25 | 3/8" NPT F x 3/8" QC Brass Coupler |



SWIVEL AIR FITTINGS

For use with most portable air tools, including grinders, drills, screwdrivers, buffers, sanders, staple guns, and more. Rotates 360° for awkward angles.

| MODEL | INLET | WEIGHT | MAX PSI | TOOL CFM |
|-------|----------|--------|-----------|----------|
| 7021 | 1/4" NPT | 3 oz | Up to 125 | 25 |
| 7041A | 3/8" NPT | 11 oz | Up to 125 | 50 |
| 7051 | 1/2" NPT | 7 oz | Up to 125 | 60 |



IN-LINE MINI REGULATORS

Easily adjust airflow with the turn of a dial.

| MODEL | CAPACITY |
|------------|----------|
| 932-100-0 | 1/8" NPT |
| 932-110-0A | 1/4" NPT |



AIR LINE FITTINGS

| MODEL | CAPACITY |
|--------|-------------------------|
| 250-RZ | 1/4" NPT Rigid Fitting |
| 250-SZ | 1/4" NPT Swivel Fitting |
| 375-RZ | 3/8" NPT Rigid Fitting |
| 375-SZ | 3/8" NPT Swivel Fitting |
| 500-SZ | 1/2" NPT Swivel Fitting |



MINI AIR GAUGE SWIVEL JOINT KITS

- Bi-directional 360° rotation
- Keeps air hose straight and untwisted
- Decreases operator fatigue



| MODEL | INLET | WEIGHT | MAX PSI | TOOL CFM |
|--------|----------|--------|-----------|----------|
| 7021AG | 1/4" NPT | 3 oz | Up to 125 | 25 |
| 7041AG | 3/8" NPT | 3 oz | Up to 125 | 50 |



7021AG

BRASS ADAPTERS AND BUSHINGS

Pipe fittings for use as medium and low pressure connectors. Meets functional requirements of SAE J530, SAE J531, ASME and ASA. Rated 1,000 PSI from -65° to +250° F.

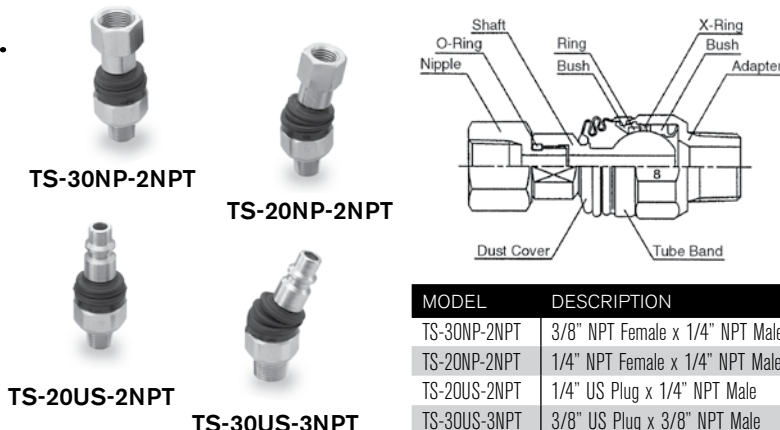
| MODEL | DESCRIPTION |
|----------|---------------------------------|
| 209P-8-6 | 1/4" NPT F x 3/8" NPT M Adapter |
| 222P-6-4 | 1/2" NPT F x 3/8" NPT M Adapter |
| 222P-8-6 | 3/4" NPT F x 1/2" NPT M Adapter |
| 209P-6-4 | 1/4" NPT F x 3/8" NPT M Bushing |
| 209P-8-6 | 3/8" NPT F x 1/2" NPT M Bushing |



ERGONOMIC TWIST PLUGS

These unique, ergonomically designed hose fittings provide 360° rotation and 35° angled rotation in any direction.

- Two rotation points prevent kinking of air hose
- Design ensures full air pressure flow
- Rotating joint comes with polyurethane dust cover
- Heavy duty construction



| MODEL | DESCRIPTION |
|--------------|---------------------------------|
| TS-30NP-2NPT | 3/8" NPT Female x 1/4" NPT Male |
| TS-20NP-2NPT | 1/4" NPT Female x 1/4" NPT Male |
| TS-20US-2NPT | 1/4" US Plug x 1/4" NPT Male |
| TS-30US-3NPT | 3/8" US Plug x 3/8" NPT Male |

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| AAP1B771350A | 4 | ALPHA-70CH | 17 | RH-200 | 38 | U-410SD | 17 | UD-50-22 | 37 |
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| AAP2B76250A(R) | 5 | ASH-250C-10MSZ | 39 | SIW-38PR | 27 | UAG-70SBL-76 | 36 | UD-50S-45 | 37 |
| AAP2B76450A(R) | 5 | ASH-250C-15MSZ | 39 | SIW-50PR | 27 | UAG-90SBL-59 | 36 | UD-50S-45A | 37 |
| AAP2B76650A(R) | 5 | ASH-250C-25MSZ | 39 | SIW-B20LI | 27 | UAN-611R-30C | 21 | UD-50S-45A* | 37 |
| AAP2B76950A(R) | 5 | ASH-375C-15MSZ | 39 | SIW-B20LI-HC | 27 | UAN-611R-40C | 21 | UD-60-04 | 37 |
| AAP2B771400A(R) | 5 | ASH-375C-25MSZ | 39 | SIW-C18-20 | 27 | UAN-611R-50C | 21 | UD-60-07 | 37 |
| AAP2B772000A(R) | 5 | ASH-375Z | 39 | SIW-C18-20 | 27 | UAN-611R-60C | 21 | UD-60-15 | 37 |
| AAP2B773000A(R) | 5 | ASH-500C-15MSZ | 39 | SIW-P2525Q | 27 | UAN-701R-30C | 21 | UD-60-20 | 37 |
| AAP2B785100A(R) | 5 | ASH-500C-25MSZ | 39 | SIW-P3225Q | 27 | UAN-701R-40C | 21 | UD-60-29 | 37 |
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