

AcraDyne[®]

A Division of AIMCO



HIGH CAPABILITY TOOLING *2026*



AIMCO

AcraDyne offers a full line of high torque, traceable, and critical bolting systems for the Energy Services sector: Wind Power, Solar, Nuclear, Mining, and more. AcraDyne's portfolio ranges from 1 - 17,000 Nm. Its cutting-edge high-torque bolting systems are specifically designed for critical high torque bolting applications that demand superior performance and durability. AcraDyne tools can handle the toughest and most important bolting jobs. The faster speed, coupled with its extreme accuracy, makes AcraDyne's bolting system an outstanding cost-effective investment. It is with great pride that the products that we manufacture are **MADE IN THE USA.**

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AcraDyne®

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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 Gen IV ACE Controller Platform



AcraDyne's Gen IV ACE Controller platform is a single platform that commands all transducerized tools in the AIMCO portfolio

AIR | CORDLESS | ELECTRIC



The same, simple programming for all tool types, including:

AcraDyne

- DC Tools
- Cordless Battery Tools

Uryu

- Air Powered Tools
- Electric Tools
- Pulse Tools

No additional controller training needed for different platforms (tool type specific knowledge is required).

One common communication for global data collection, line controls, and Field Bus platforms.



AcraDyne Gen IV ACE Controller Platform

The AcraDyne Gen IV ACE controller platform is the culmination of more than 50 years of serving our industrial fastening customers with 20 years of manufacturing DC tools that are MADE IN THE USA. It is filled with countless advanced capabilities and features. The Gen IV ACE Controller is the core of the modular AcraDyne DC system. One controller will command any tool in the AcraDyne line from 1 Nm to 17,000 Nm, all with one cable.



Four Digit LED Torque Display

Large numbers can be seen from a distance.

Parameter Set Display

Displays current parameter set and enables user to quickly change by scrolling up or down.

Secondary Display

Allows user to easily set and toggle through information:

- Angle
- Engineering Units
- Bolt Count
- Job/Job Sequence

7" Touch-Screen Display

- Runs the same software on PC for ease of use
- Real-Time Graphing
- Selectable Run Screens

FEATURES AND BENEFITS

- Web browser based programming. Receive data on your PC, tablet, smartphone, or any other web-capable device. You can use more than one device at a time: Be in program mode on one device while reviewing real-time curves on another, while watching tool diagnostics on a third
- Multiple fastening strategies - Program up to 256 parameters with as many as 20 steps
- Jobs capability - 99. Event log - 5,000
- Backup & restore through USB or Ethernet
- Assignable I/O (8 X 8)
- Rundown storage - 1,000,000
- Real-time curve viewing. Curve storage - 20,000

NETWORKING CAPABILITIES

- Ethernet Protocols supported: Open Protocol, ToolsNet, Ethernet/IP, Modbus TCP, PFCS, XML, FTP Client
-  Anybus® Field Bus connectivity: Profibus, Profinet, DeviceNet, CC-Link, CC-Link IE Field
- Data collection
- Serial protocols and string output
- Bar code scanning & printing
- Multi-spindle synchronization

AcraDyne Gen IV ACE Controller Platform

System Port

- Uses standard USB Type-B cable
- Easily connect to any computer to run software, program your controller, and download data and curves

Tool Connector

- Tool connector varies by tool type

Dual Ethernet Ports

- Enables two networks simultaneously for separate line control and data collection
- Supports any industry standard protocol
- Remote system monitoring, programming, and data download

USB Ports (4)

- Backup and Restore
- Update Software
- Download Data and Curves
- Expandable USB Peripherals

Serial Port

- Data String Output
- Serial Protocols
- Bar Code Scanners
- Printers

Illuminated On/Off Switch

Power Connector (110V / 220V)

24V I/O (Assignable)

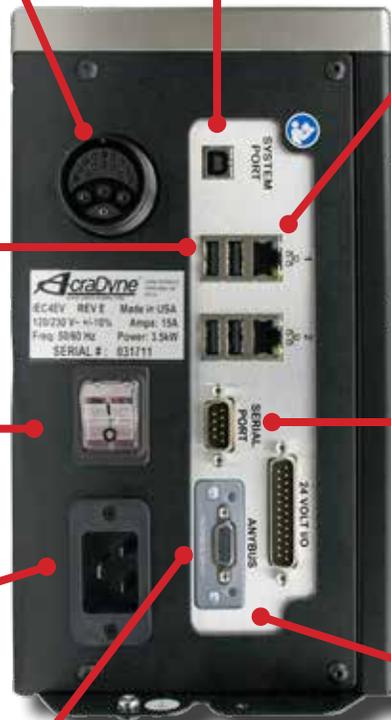
- 8 In/8 Out

Anybus® Field Bus Options:

- Profibus, Profinet, DeviceNET, CC-Link, CC-Link IE Field

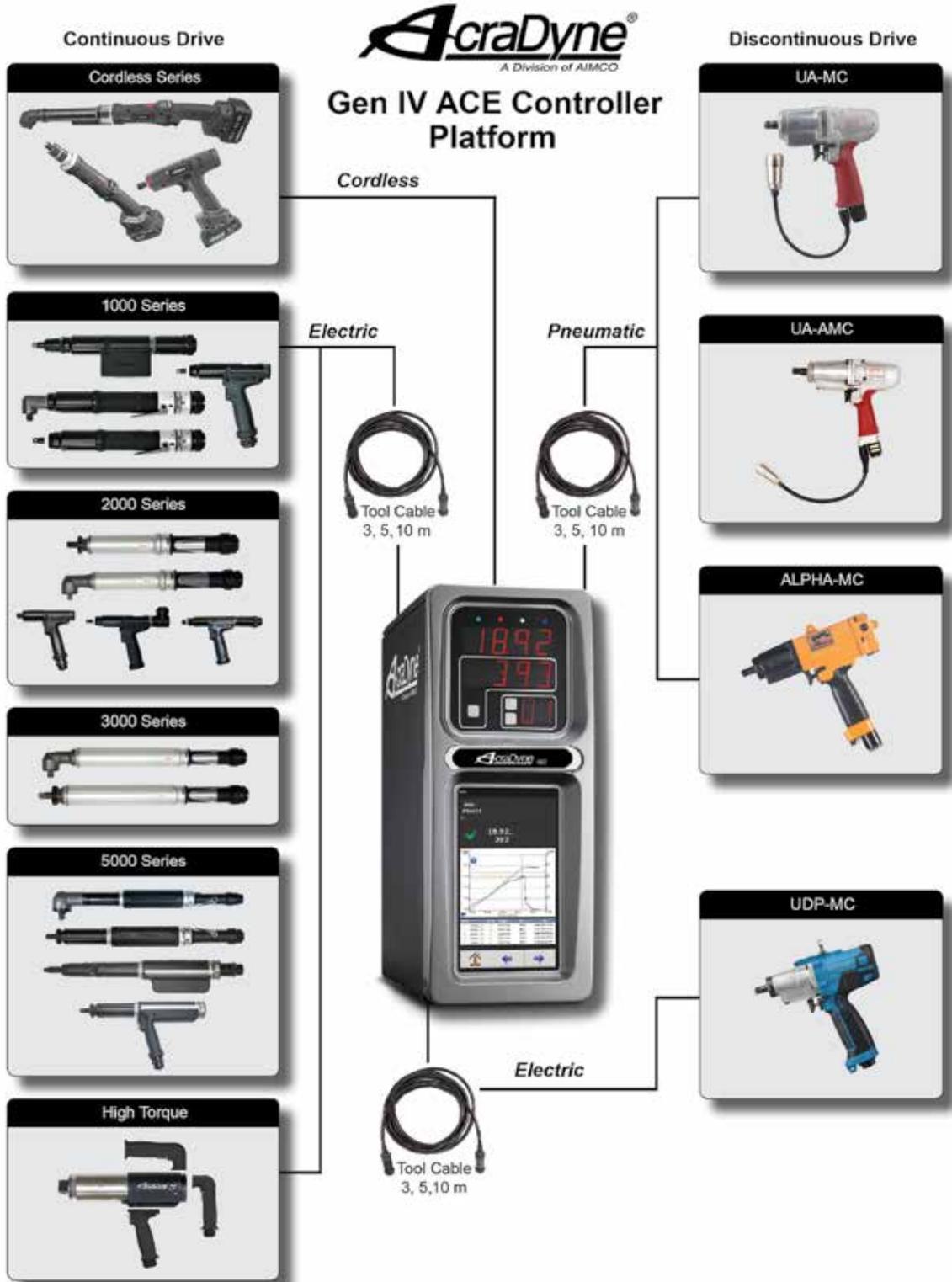
Mounting Bracket

with Wire and Cable Routing Channels



AcraDyne Gen IV ACE Controller Platform

The Gen IV ACE Controller Platform provides ultimate FLEXIBILITY and FREEDOM to command tools for every application. One common communication for your global data collection, line controls, and Field Bus platforms.



AcraDyne Gen IV ACE Controller Platform



GEN IV ACE iEC Controller for all AcraDyne DC Tools



U.S. Patents
D968491
11,229,993

| Model* | System Port & Removable Memory | Lights (L) LED Display (D) Graph (G) | 24V I/O Assignable 8 X 8" | Serial Port with Protocols | Backup & Restore (USB) | Ethernet** Two Ports |
|--------------------------------------|--------------------------------|--------------------------------------|---------------------------|----------------------------|------------------------|----------------------|
| Bottom Exit Cable | | | | | | |
| iEC4EGV(P)(N)(D)(C)(M) | X | L/D/G | X | X | X | X |
| Top Exit Cable | | | | | | |
| iEC4EGV(-T)(P-T)(N-T)(D-T)(C-T)(M-T) | X | L/D/G | X | X | X | X |

* Field bus options: P = Profibus N = Profinet D = DeviceNet C = CC Link M = CC-Link IE Field Other Field bus options available upon request.
** Ethernet channel supports Open Protocol, ToolsNet, EtherNet/IP, Modbus TCP, PFCS, XML, and FTP Client.



GEN IV ACE iAC Controller for Transducerized Uryu Air Tools



| Model* | System Port & Removable Memory | Lights (L) LED Display (D) Graph (G) | 24V I/O Assignable 8 X 8" | Serial Port With Protocols | Backup & Restore (USB) | Solenoid Shut Off On Board | Programmable Regulator On Board | Ethernet** Two Ports |
|-----------------------------------|--------------------------------|--------------------------------------|---------------------------|----------------------------|------------------------|----------------------------|---------------------------------|----------------------|
| Bottom Exit Cable | | | | | | | | |
| iAC4EGV(P)(N)(D)(C)(M) | X | L/D/G | X | X | X | | | X |
| iAC4ESRGV(P)(N)(D)(C) | X | L/D/G | X | X | X | X | X | X |
| Top Exit Cable | | | | | | | | |
| iAC4EV(P-T) | X | L/D | X | X | X | | | X |
| iAC4EGV(-T)(P-T)(N-T)(D-T)(C-T) | X | L/D/G | X | X | X | | | X |
| iAC4ESRGV(-T)(P-T)(N-T)(D-T)(C-T) | X | L/D/G | X | X | X | X | X | X |

* Field bus options: P = Profibus N = Profinet D = DeviceNet C = CC Link M = CC-Link IE Field Other Field bus options available upon request.
** Ethernet channel supports Open Protocol, ToolsNet, EtherNet/IP, Modbus TCP, PFCS, XML, and FTP Client.

AcraDyne Gen IV ACE Controller Platform



GEN IV ACE iPC Controller for Uryu UDP Transducerized DC Pulse Tools



| Model* | System Port & Removable Memory | Lights (L) LED Display (D) Graph (G) | 24V I/O Assignable 8 X 8" | Serial Port with Protocols | Backup & Restore (USB) | Ethernet** Two Ports |
|--|--------------------------------|--------------------------------------|---------------------------|----------------------------|------------------------|----------------------|
| Bottom Exit Cable | | | | | | |
| 110V Operation | | | | | | |
| iPC4EGV(P1)(N1)(D1)(C1)(M1) | X | L/D/G | X | X | X | X |
| 220V Operation | | | | | | |
| iPC4EGV(P2)(N2)(D2)(C2) | X | L/D/G | X | X | X | X |
| Top Exit Cable | | | | | | |
| 110V Operation | | | | | | |
| iPC4EGV(1-T)(P1-T)(N1-T)(D1-T)(C1-T)(M1-T) | X | L/D/G | X | X | X | X |
| 220V Operation | | | | | | |
| iPC4EGV(2-T)(P2-T)(N2-T)(D2-T)(C2-T) | X | L/D/G | X | X | X | X |

* Field bus options: P = Profibus N = Profinet D = DeviceNet C = CC Link M = CC-Link IE Field Other Field bus options available upon request.
** Ethernet channel supports Open Protocol, ToolsNet, EtherNet/IP, Modbus TCP, PFCS, XML, and FTP Client.



GEN IV ACE iBC Controller for all AcraDyne Transducerized Battery Tools



| Model* | System Port & Removable Memory | Lights (L) LED Display (D) Graph (G) | 24V I/O Assignable 8 X 8" | Serial Port with Protocols | Backup & Restore (USB) | Ethernet** Two Ports |
|--|--------------------------------|--------------------------------------|---------------------------|----------------------------|------------------------|----------------------|
| Connects through External WiFi Access Point (User Supplied) | | | | | | |
| iBC4E(N) | X | L/D | | X | X | X |
| iBC4EGV(P)(N)(D)(C) | X | L/D | X | X | X | X |

* Field bus options: P = Profibus N = Profinet D = DeviceNet C = CC Link M = CC-Link IE Field Other Field bus options available upon request.
** Ethernet channel supports Open Protocol, ToolsNet, EtherNet/IP, Modbus TCP, PFCS, XML, and FTP Client.



GEN IV ACE iBC-Z Controller for Uryu UBX-AF Transducerized Battery Oil Pulse Tools



| Model* | System Port & Removable Memory | Lights (L) LED Display (D) Graph (G) | 24v I/O Assignable 8 X 8" | Serial Port With Protocols | Backup & Restore (USB) | Ethernet** Two Ports |
|--|--------------------------------|--------------------------------------|---------------------------|----------------------------|------------------------|----------------------|
| Connectivity through embedded Zigbee access point | | | | | | |
| iBC4EGV(P-Z)(N-Z)(D-Z)(C-Z)(M-Z) | X | L/D/G | X | X | X | X |

* Field bus options: P = Profibus N = Profinet D = DeviceNet C = CC Link M = CC-Link IE Field Other Field bus options available upon request.
** Ethernet channel supports Open Protocol, ToolsNet, EtherNet/IP, Modbus TCP, PFCS, XML, and FTP Client.

AcraDyne Gen IV ACE Controller Platform

NETWORK CONNECTIVITY



POKA-YOKE ERROR PROOFING

AcraDyne's Gen IV ACE Platform supports any third-party accessory to poka-yoke your process.

FEATURES AND BENEFITS

- 24V I/O inputs support the outputs of the receiver units
- Connect click wrenches, crimpers, or any poka-yoked device to your network data collection and line controls with all of the Ethernet protocols and Field Buses offered in the ACE Platform

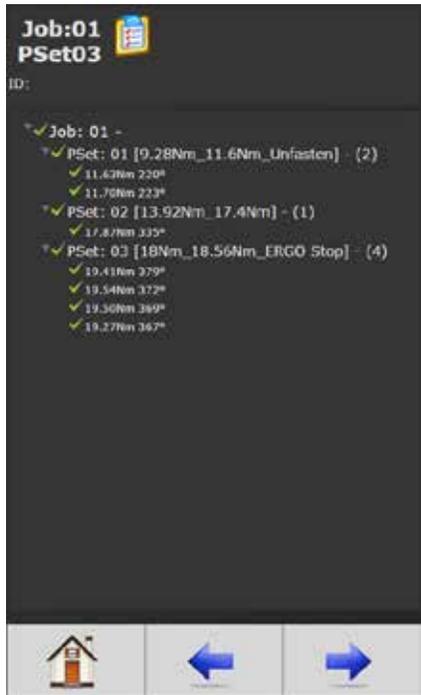


AcraDyne Controller Software

SOFTWARE

AcraDyne's software package is on-board every AcraDyne controller and is provided FREE of charge. This comprehensive, user-friendly program allows programming, analysis, and diagnostics.

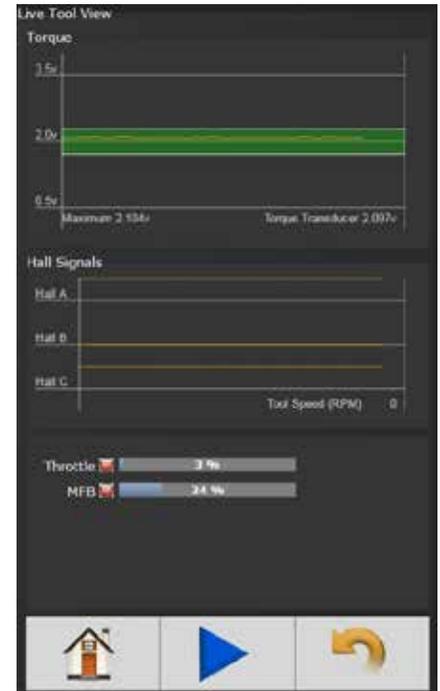
The software is based on a standard web browser, allowing you to connect the AcraDyne controller with any computer, tablet, or smart device. Connect through Ethernet, USB, or wirelessly via a network connected to both devices.



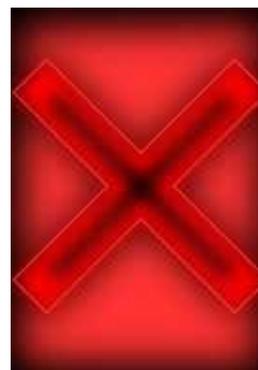
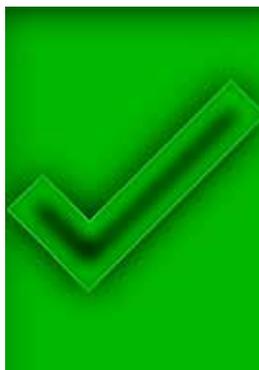
Adding and editing Parameter Sets (256) and Jobs (99) is easy and intuitive in the parameter set up function.



View curve results in real time or view stored results. As many as 20,000 curve results can be stored in memory.



Tool programming and diagnostics for repair, calibration and advanced troubleshooting.



Choose from several run screens that display easy to view, large screen indicators.

Gen IV Smart Arm System With Process Visualization

Gen IV Controller with On-Board Smart Arm Capability and Process Visualization

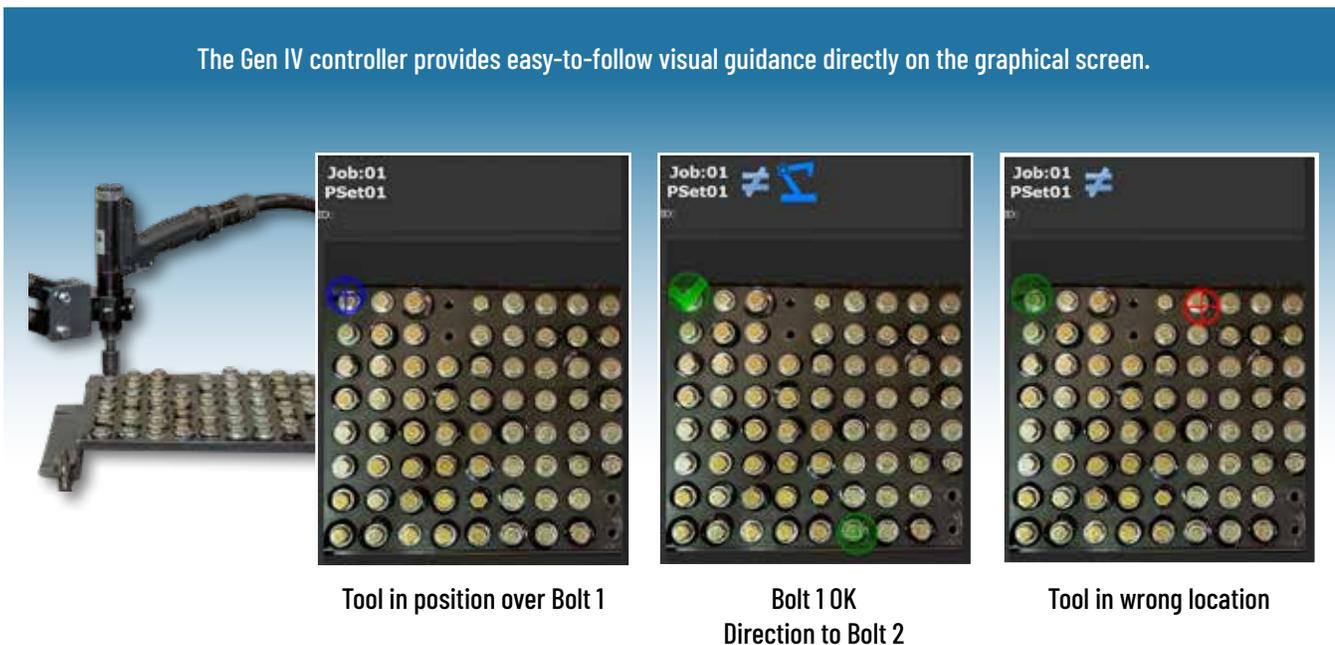
AcraDyne Gen IV Controller's smart arm capability provides an advanced error-proofing solution to ensure the quality of your fastening operation. The process requires no external PC or software – the capability is on-board every Gen IV controller.



FEATURES AND BENEFITS

- Easy-to-follow visual guidance on the Gen IV controller graphical screen
- Easy setup – programming takes only minutes
- Once fastener locations are programmed into the Gen IV controller, the system can perform specific actions on specific fasteners
- No external PC or third-party software needed. Control the process using AcraDyne's Gen IV Controller and its integrated software, which is provided free of charge
- Low-cost solution vs. competitive offerings that require third-party PC-based control
- Modular - can be added at any time to an existing AcraDyne system using the Gen IV controller
- No guesswork! Powerful Gen IV data collection enables diagnostics and analysis
- Works with both continuous and discontinuous drive tools

The Gen IV controller provides easy-to-follow visual guidance directly on the graphical screen.



Gen IV Smart Arm System With Process Visualization



Gen IV Smart Arm System with Process Visualization

Smart Arm Accessory:

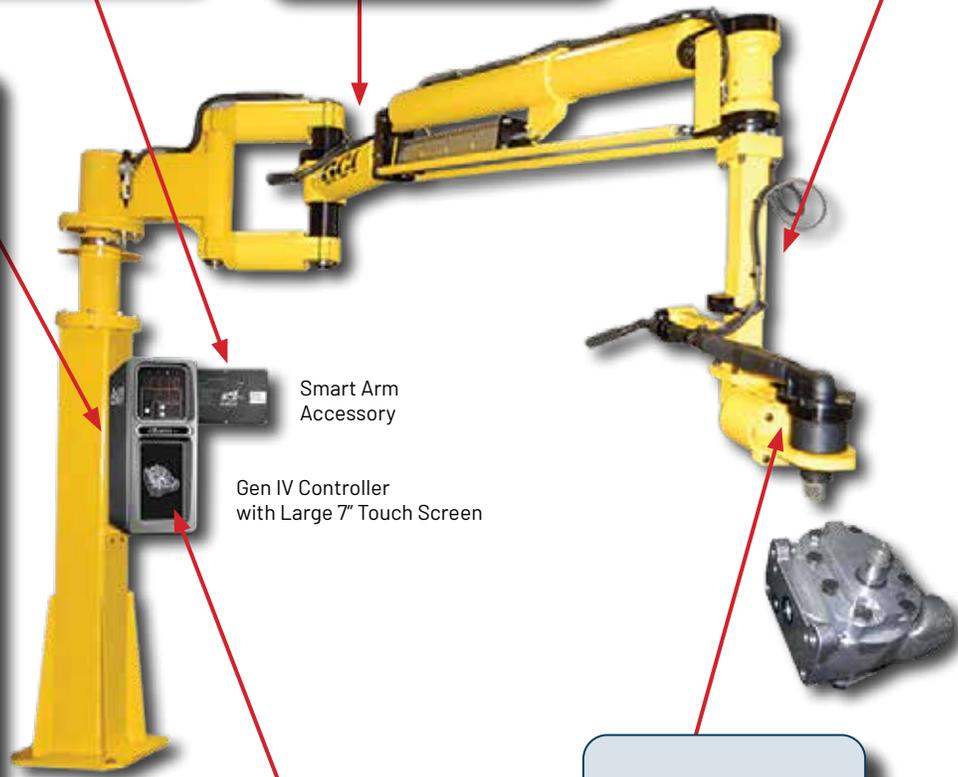
- Requires no external PC or third-party software for operation
- Gen IV Controller Software integrates with plant manufacturing execution software or allows custom programming

Smart Arm guides operator in the specified torque pattern and counts fasteners required for correct assembly.

Encoders located at each joint of the arm.

Gen IV Controller captures fastening-process data:

- Data captured and reported in real time with torque and graphing capabilities
- Curve results presented in real time or from stored results
- 20,000 curve results can be stored in memory
- Monitor, control, and report torque, angle, engineering units, fastener count, job/job sequence
- Multiple fastening strategies: 256 parameter sets with 20 stages
- Jobs capabilities – 99



Custom image of run screen with preprogrammed fastener locations/specifications. Updates in real time.

Tool operates only when it is at the correct specified fastener location.

1000 SERIES

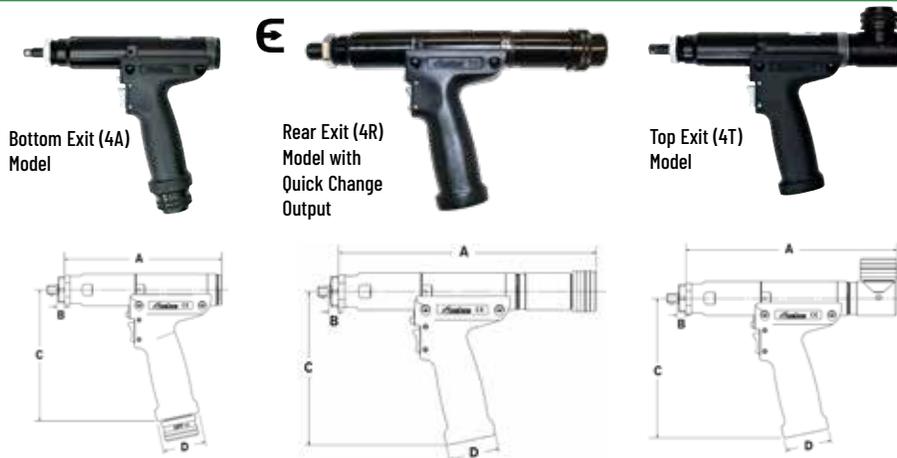
1 – 22 Nm

- Superior size, speed, and duty cycle compared to competitors' tools
- Durable Nylon motor and handle housing
- Onboard lights and audible signal for operator feedback



1000 Series Pistol Tools

- Bottom, top, rear exit and push-to-start models available
- Standard Square Drive or extended Ergo Drive output available on all models
- 1/4" Quick Change output available on 3 – 14 Nm models
- Programmable Multi-Function Button: One single button facilitates several distinctly different tasks



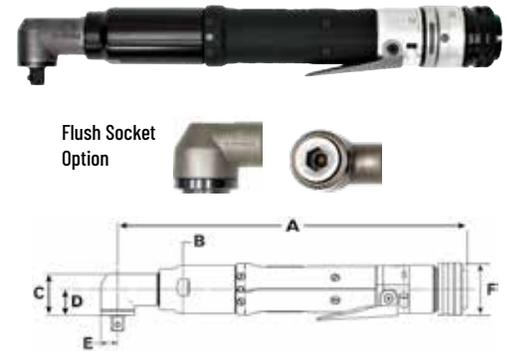
1000 Series Pistol Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output Drive SQ DR | A | | B | | C | | D | |
|--|------------|-------|--------------|-----------|-------------------|----------------------|------|-----------------------|-----------------------------------|-----------------------|------|-----|------|-------|------|------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM |
| Pistol 4A Models = Bottom Exit 4R Models = Rear Exit 4T Models = Top Exit (V) = Extended Ergo-Drive Output (Q) = 1/4" Quick Change Output | | | | | | | | | | | | | | | | |
| AEP4(A)(R)(T)12003B(V)(Q) | 3 | 2.2 | 0.8 - 3 | 0.6 - 2.2 | 2,625 | 2.2 | 1.00 | 3/8" | A = 6.5 R = 9.3 T = 8.3 | 165.1 236 210.9 | 0.38 | 9.6 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)12006B(V)(Q) | 6 | 4.4 | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.2 | 1.00 | 3/8" | A = 6.5 R = 9.3 T = 8.3 | 165.1 236 210.9 | 0.38 | 9.6 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)12011B(V)(Q) | 11 | 8.1 | 2.8 - 11 | 2 - 8.1 | 1,313 | 2.3 | 1.04 | 3/8" | A = 7.17 R = 10.34 T = 8.97 | 182.2 262.7 228 | 0.38 | 9.6 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)12014B(V)(Q) | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.3 | 1.04 | 3/8" | A = 7.17 R = 10.34 T = 8.97 | 182.2 262.7 228 | 0.38 | 9.6 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)12018BV | 18 | 13 | 4.5 - 18 | 3.3 - 13 | 840 | 2.3 | 1.04 | 3/8" | A = 7.17 R = 10.34 T = 8.97 | 182.2 262.7 228 | 0.38 | 9.6 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)12022BV | 22 | 16 | 5.5 - 22 | 4.1 - 16 | 656 | 2.3 | 1.04 | 3/8" | A = 7.17 R = 10.34 T = 8.97 | 182.2 262.7 228 | 0.38 | 9.6 | 6.01 | 152.6 | 1.96 | 49.7 |
| Pistol Push-to-Start | | | | | | | | | | | | | | | | |
| AEP4T12003BL | 3 | 2.2 | 0.8 - 3 | 0.6 - 2.2 | 2,625 | 2.2 | 1.00 | 3/8" | 8.88 | 225.5 | 0.25 | 6.3 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4T12006BL | 6 | 4.4 | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.2 | 1.00 | 3/8" | 8.88 | 225.5 | 0.25 | 6.3 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4T12011BL | 11 | 8.1 | 2.8 - 11 | 2 - 8.1 | 1,313 | 2.3 | 1.04 | 3/8" | 8.97 | 228 | 0.25 | 6.3 | 6.01 | 152.6 | 1.96 | 49.7 |
| AEP4T12014BL | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.3 | 1.04 | 3/8" | 8.97 | 228 | 0.25 | 6.3 | 6.01 | 152.6 | 1.96 | 49.7 |

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

1000 Series Angle Tools

- Compact, durable head houses a precision right-angle gearset that fits into the tightest spaces
- Integrated transducer for accurate delivery or monitoring of Torque and Angle
- Lightweight materials and uniform body diameter provide a comfortable grip
- Ergonomically placed start lever for ease of operation
- Available in regular or flush socket options



1000 Series Angle Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-)Socket | | Output Drive SQ DR | A | | B | | C | | D | | E | | F | |
|--|------------|-------|--------------|---------|-------------------|---------------------|------|--------------------------|-------|-------|------|------|------|------|------|------|-----|------|------|------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Angle Add "F" to Part Numbers for Flush Socket | | | | | | | | | | | | | | | | | | | | |
| AEN4C12004B | 4 | 3 | 1-4 | 0.7-3 | 3,111 | 2.0 | 0.91 | 3/8" | 11.04 | 280.4 | 1.47 | 37.3 | 1.29 | 32.8 | 0.82 | 20.9 | .52 | 13.1 | 1.56 | 39.6 |
| AEN4C12009B | 9 | 6.6 | 2.3-9 | 1.7-6.6 | 1,750 | 2.2 | 1.00 | 3/8" | 11.01 | 279.6 | 1.47 | 37.3 | 1.29 | 32.8 | 0.82 | 20.9 | .52 | 13.1 | 1.56 | 39.6 |
| AEN4C12014B | 14 | 10 | 3.5-14 | 2.6-10 | 875 | 2.2 | 1.00 | 3/8" | 11.65 | 295.9 | 1.47 | 37.3 | 1.29 | 32.8 | 0.82 | 20.9 | .52 | 13.1 | 1.56 | 39.6 |
| AEN4C12018B | 18 | 13 | 4.5-18 | 3.3-13 | 691 | 2.2 | 1.00 | 3/8" | 11.65 | 295.9 | 1.47 | 37.3 | 1.29 | 32.8 | 0.82 | 20.9 | .52 | 13.1 | 1.56 | 39.6 |
| AEN4C12022B | 22 | 16 | 5.5-22 | 4.1-16 | 560 | 2.2 | 1.00 | 3/8" | 11.65 | 295.9 | 1.47 | 37.3 | 1.29 | 32.8 | 0.82 | 20.9 | .52 | 13.1 | 1.56 | 39.6 |

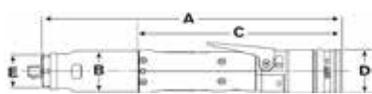
1000 Series Inline Tools

- Square drive or Ergo drive available on all inline models
- Quick change output available on 3 - 14 Nm inline and push-to-start models
- User modifiable reaction bar included with in-line tools for use in handheld applications

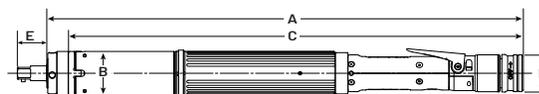


1000 Series Inline Tools

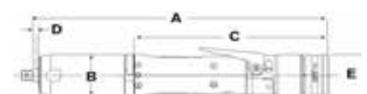
| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-)Socket | | Output Drive SQ DR | A | | B | | C | | D | | E | |
|--|------------|-------|--------------|---------|-------------------|---------------------|------|--------------------------|-------|-------|------|------|------|-------|------|------|------|------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Inline V = Extended Ergo-Drive Output Q = 1/4" Quick Change Output | | | | | | | | | | | | | | | | | | |
| AES4A12003B(V)(Q) | 3 | 2.2 | 0.8-3 | 0.6-2.2 | 2,625 | 2.0 | 0.91 | 3/8" | 11 | 279.4 | 1.47 | 37.3 | 7.43 | 188.6 | 1.56 | 39.6 | 1.31 | 33.4 |
| AES4A12006B(V)(Q) | 6 | 4.4 | 1.5-6 | 1.1-4.4 | 2,625 | 2.0 | 0.91 | 3/8" | 11 | 279.4 | 1.47 | 37.3 | 7.43 | 188.6 | 1.56 | 39.6 | 1.31 | 33.4 |
| AES4A12011B(V)(Q) | 11 | 8.1 | 2.8-11 | 2-8.1 | 1,313 | 2.2 | 1.00 | 3/8" | 11 | 279.4 | 1.47 | 37.3 | 7.43 | 188.6 | 1.56 | 39.6 | 1.31 | 33.4 |
| AES4A12014B(V)(Q) | 14 | 10 | 3.5-14 | 2.6-10 | 1,037 | 2.2 | 1.00 | 3/8" | 11 | 279.4 | 1.56 | 39.6 | 7.43 | 188.6 | 1.56 | 39.6 | 1.31 | 33.4 |
| AES4A12018BV | 18 | 13 | 4.5-18 | 3.3-13 | 840 | 2.2 | 1.00 | 3/8" | 11 | 279.4 | 1.47 | 37.3 | 7.43 | 188.6 | 1.56 | 39.6 | 1.31 | 33.4 |
| AES4A12022BV | 22 | 16 | 5.5-22 | 4.1-16 | 656 | 2.2 | 1.00 | 3/8" | 11 | 279.4 | 1.47 | 37.3 | 7.43 | 188.6 | 1.56 | 39.6 | 1.31 | 33.4 |
| Inline Push-to-Start (Q) = 1/4" Quick Change Output | | | | | | | | | | | | | | | | | | |
| AEL4A12003B(Q) | 3 | 2.2 | 0.8-3 | 0.6-2.2 | 2,625 | 2.0 | 0.91 | 3/8" | 10.69 | 271.6 | 1.56 | 39.6 | 7.38 | 187.4 | 0.21 | 5.3 | 1.56 | 39.6 |
| AEL4A12006B(Q) | 6 | 4.4 | 1.5-6 | 1.1-4.4 | 2,625 | 2.0 | 0.91 | 3/8" | 10.69 | 271.6 | 1.56 | 39.6 | 7.38 | 187.4 | 0.21 | 5.3 | 1.56 | 39.6 |
| AEL4A12011B(Q) | 11 | 8.1 | 2.8-11 | 2-8.1 | 1,313 | 2.2 | 1.00 | 3/8" | 11.26 | 286.1 | 1.56 | 39.6 | 7.38 | 187.4 | 0.21 | 5.3 | 1.56 | 39.6 |
| AEL4A12014B(Q) | 14 | 10 | 3.5-14 | 2.6-10 | 1,037 | 2.2 | 1.00 | 3/8" | 11.26 | 286.1 | 1.56 | 39.6 | 7.38 | 187.4 | 0.21 | 5.3 | 1.56 | 39.6 |
| AEL4A12018B | 18 | 13 | 4.5-18 | 3.3-13 | 840 | 2.2 | 1.00 | 3/8" | 11.26 | 286.1 | 1.56 | 39.6 | 7.38 | 187.4 | 0.21 | 5.3 | 1.56 | 39.6 |
| AEL4A12022B | 22 | 16 | 5.5-22 | 4.1-16 | 656 | 2.2 | 1.00 | 3/8" | 11.26 | 286.1 | 1.56 | 39.6 | 7.38 | 187.4 | 0.21 | 5.3 | 1.56 | 39.6 |



Inline Tool, 3 - 22 Nm



Inline Tool, 100 Nm

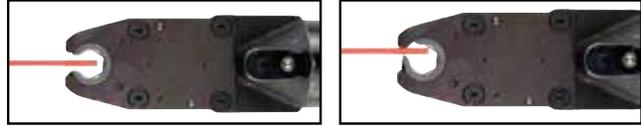
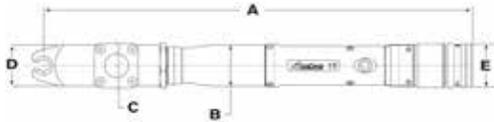


Push-to-Start Tool

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

1000 Series Tubenut Tools

- Durable tubenut head design
- Simple, one-touch back to open operation for maximum productivity
- Innovative Sensor Technology: Transducer senses resistance in the initial 90 degrees of rotation and returns to open upon resistance encountered



INNOVATIVE SAFETY SENSOR TECHNOLOGY: Tool returns to open upon resistance encountered in initial 90° of rotation.

1000 Series Tubenut Tools

| 1000 Series Tubenut | Max Torque | | Torque Range | | Free Speed RPM | Weight (-)Socket | | Output Drive | | A | | B | | C | | D | | E | |
|--|------------|-------|--------------|----------|----------------|------------------|------|--------------|---------|------|-------|------|------|------|------|------|------|------|------|
| | NM | FT-LB | NM | FT-LB | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | | |
| Tubenut Wide variety of socket sizes available | | | | | | | | | | | | | | | | | | | |
| AET4AA12018B | 14 | 13 | 3.6 - 14 | 2.7 - 11 | 516 | 3.1 | 1.41 | 1/4 - 7/16 | 7 - 12 | 15.4 | 391.5 | 1.47 | 37.3 | 1.57 | 40 | 1.46 | 37 | 1.56 | 39.6 |
| AET4AB12025B | 20 | 18 | 5 - 20 | 3.7 - 15 | 387 | 3.1 | 1.41 | 3/8 - 5/8 | 10 - 17 | 15.9 | 404.9 | 1.47 | 37.3 | 1.57 | 40 | 1.56 | 39.5 | 1.56 | 39.6 |
| AET4A12025B-KD | 25 | 18 | 5 - 25 | 3.7 - 18 | 387 | 3.1 | 1.41 | 3/8 - 5/8 | 10 - 17 | 15.9 | 403.2 | 1.47 | 37.3 | 1.64 | 41.6 | 1.64 | 41.6 | 1.56 | 39.6 |
| AET4A12030B-KD | 30 | 22 | 6 - 30 | 4.4 - 22 | 285 | 3.1 | 1.41 | 3/8 - 5/8 | 10 - 17 | 15.9 | 403.2 | 1.47 | 37.3 | 1.64 | 41.6 | 1.64 | 41.6 | 1.56 | 39.6 |

1000 Series Fixtured Tools

- Rear & bottom exit available
- Standard Square Drive, Extended Ergo Drive, or 1/4" Quick Change outputs available in most models
- Integrated Sliding Spindles offered in varying lengths of travel to suit specific application needs

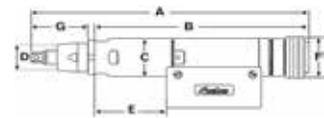


1-3/4" Sliding Spindle Model

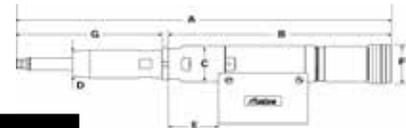


1000 Series Fixtured Tools

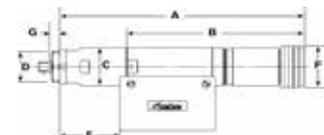
| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-)Socket | | Output Drive SQ DR |
|---|------------|-------|--------------|-----------|----------------|------------------|------|--------------------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | |
| Fixtured 4A models = 1/2" sliding spindle 4C Models = 1-3/4" Sliding Spindle 4X Models = Fixed 3/8" Sq. Dr. (B) = Bottom Exit Cable (Q) = 1/4" Quick Change Output | | | | | | | | |
| AEF4(A)(C)(X)12003B(B)(Q) | 3 | 2.2 | 0.8 - 3 | 0.6 - 2.2 | 2,625 | 2.0 | 0.91 | 3/8" |
| AEF4(A)(C)(X)12006B(B)(Q) | 6 | 4.4 | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.0 | 0.91 | 3/8" |
| AEF4(A)(C)(X)12011B(B)(Q) | 11 | 8.1 | 2.8 - 11 | 2 - 8.1 | 1,313 | 2.2 | 1.00 | 3/8" |
| AEF4(A)(C)(X)12014B(B)(Q) | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.2 | 1.00 | 3/8" |
| AEF4(A)(C)(X)12018B(B) | 18 | 13 | 4.5 - 18 | 3.3 - 13 | 840 | 2.2 | 1.00 | 3/8" |
| AEF4(A)(C)(X)12022B(B) | 22 | 16 | 5.5 - 22 | 4.1 - 16 | 656 | 2.2 | 1.00 | 3/8" |



AEF4A 1/2" Sliding Spindle Model



AEF4C 1-3/4" Sliding Spindle Model



AEF4X Fixed 3/8" Sq. Dr. Model

1000 Series Fixtured Tool Dimensions

| Fixtured | A | | B | | C | | D | | E | | F | | G | |
|---|-------|-------|------|-------|------|------|------|------|------|------|------|------|------|-------|
| | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| AEF4A12003B / AEF4A12006B | 11.57 | 294 | 9.14 | 231.1 | 1.47 | 37.3 | 1.12 | 28.6 | 2.05 | 52.2 | 1.59 | 40.4 | 2.18 | 55.5 |
| AEF4A12011B / AEF4A12014B / AEF4A12018B / AEF4A12022B | 12.20 | 309.8 | 9.14 | 231.1 | 1.47 | 37.3 | 1.12 | 28.6 | 2.72 | 69.2 | 1.59 | 40.4 | 2.18 | 55.5 |
| AEF4C12003B / AEF4C12006B | 15.36 | 390.3 | 9.14 | 231.1 | 1.47 | 37.3 | 1.12 | 28.6 | 2.05 | 52.2 | 1.59 | 40.4 | 5.98 | 151.8 |
| AEF4C12011B / AEF4C12014B / AEF4C12018B / AEF4C12022B | 15.99 | 406.1 | 9.14 | 231.1 | 1.47 | 37.3 | 1.12 | 28.6 | 2.72 | 69.2 | 1.59 | 40.4 | 5.98 | 151.8 |
| AEF4X12003B / AEF4X12006B | 9.35 | 237.5 | 6.82 | 173.2 | 1.47 | 37.3 | 1.31 | 33.4 | 2.06 | 52.2 | 1.59 | 40.4 | 0.38 | 9.7 |
| AEF4X12011B / AEF4X12014B / AEF4X12018B / AEF4X12022B | 10.02 | 254.4 | 6.82 | 173.2 | 1.47 | 37.3 | 1.31 | 33.4 | 2.72 | 69.1 | 1.59 | 40.4 | 0.38 | 9.7 |

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

2000 SERIES

3 – 55 Nm

- Superior size, speed, and duty cycle compared to competitors' tools
- Durable Nylon motor and handle housing
- Aluminum motor and gear housing
- Onboard lights and audible signal for operator feedback

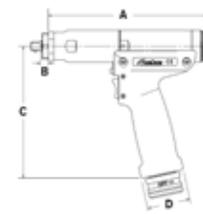


2000 Series Pistol Tools

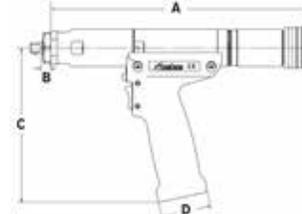
- Bottom, top, rear exit and push-to-start model available
- Standard Square Drive or extended Ergo Drive output available on all models
- Programmable Multi-Function Button: One single button facilitates several distinctly different tasks



Bottom Exit (4A) Model



Rear Exit (4R) Model with Quick Change Output



Top Exit (4T) Model



2000 Series Pistol Tools

| Model | Max Torque | | Torque Range | | Free Speed Rpm | Weight (-) Socket Lb Kg | | Output Sq Dr | (A) | | (B) | | (C) | | (D) | |
|------------------------|-------------------------|-------|-----------------------|----------|----------------------|-------------------------------|----------------------------------|-----------------|-----------------------------------|-------------------------|------|-----|----------------------------------|-------------------------|------|------|
| | Nm | Ft-Lb | Nm | Ft-Lb | | In | Mm | | In | Mm | In | Mm | In | Mm | | |
| Pistol Tools | 4A Models = Bottom Exit | | 4R Models = Rear Exit | | 4T Models = Top Exit | | (V) = Extended Ergo-Drive Output | | | | | | | | | |
| AEP4(A)(R)(T)22020B(V) | 20 | 14 | 5 - 20 | 3.7 - 14 | 1,837 | 2.4 | 1.09 | 3/8" | A = 7.82 R = 10.65 T = 9.71 | 198.7 270.6 246.5 | 0.38 | 9.7 | A = 6.94 R = 6.01 T = 6.01 | 176.2 152.6 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22025B(V) | 25 | 18 | 6.3 - 25 | 4.6 - 18 | 1,452 | 2.4 | 1.09 | 3/8" | A = 7.82 R = 10.65 T = 9.71 | 198.7 270.6 246.5 | 0.38 | 9.7 | A = 6.94 R = 6.01 T = 6.01 | 176.2 152.6 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22030B(V) | 30 | 22 | 7.5 - 30 | 5.5 - 22 | 1,176 | 2.4 | 1.09 | 3/8" | A = 7.82 R = 10.65 T = 9.71 | 198.7 270.6 246.5 | 0.38 | 9.7 | A = 6.94 R = 6.01 T = 6.01 | 176.2 152.6 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22035B(V) | 35 | 25 | 8.8 - 35 | 6.5 - 25 | 1,045 | 2.4 | 1.09 | 3/8" | A = 7.82 R = 10.65 T = 9.71 | 198.7 270.6 246.5 | 0.38 | 9.7 | A = 6.94 R = 6.01 T = 6.01 | 176.2 152.6 152.6 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22040B(V) | 40 | 29 | 10 - 40 | 7.4 - 29 | 919 | 2.4 | 1.09 | 3/8" | A = 7.82 R = 10.65 T = 9.71 | 198.7 270.6 246.5 | 0.38 | 9.7 | A = 6.94 R = 6.01 T = 6.01 | 176.2 152.6 152.6 | 1.96 | 49.7 |

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

2000 Series Angle and Inline Tools

Gen IV Series Angle and Inline Nutrunners

Smart, Rugged, and Cost-Effective: The New Leader in Accurate Fastening

Optimal Length

- Access to most applications
- Easier tool positioning for operators

Ergonomic Handle

- Smooth grip surface
- Indexable head for optimizing trigger position

New Motor Design

- Lightweight
- Slim diameter

Updated Trigger Design

- Lever integrated to tool body for shorter activation stroke
- Increased durability

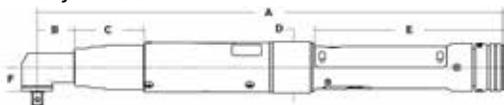
FEATURES AND BENEFITS

- New robust design is lighter, slimmer, and more ergonomic than previous Gen III nutrunners
- One of the lowest total cost of ownership in the industry
- Ergonomic updated trigger design integrates trigger to tool body, requiring a shorter activation stroke
- Indexable head optimizes trigger position
- Smooth-grip handle
- Short length means easier tool positioning
- Backward compatible with all Gen III and Gen IV AcraDyne controllers

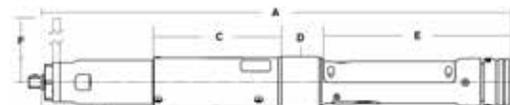
2000 Series Angle & Inline Tools

| Model | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output SQ DR | (A) | | (B) | | (C) | | (D) | | (E) | | (F) | | |
|--|--------------|---------------------------------|-------------------|----------------------|------------------|-----------------|-----|------|------|-----|-------|-----|------|-----|-----|-----|------|------|--|
| | NM | FT-LB | | LB | KG | | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | |
| Angle Tools | | (V)= Extended Ergo-Drive Output | | | (DL)= Dual Lever | | | | | | | | | | | | | | |
| AEN4C22014C | 3.5 - 14 | 2.6 - 10.3 | 2,450 | 2.7 | 1.2 | 3/8 | 397 | 15.6 | 32 | 1.3 | 59.4 | 2.3 | 43.3 | 1.7 | 160 | 6.3 | 20.9 | 0.8 | |
| AEN4C22024C | 6 - 24 | 4.4 - 17.7 | 1,225 | 2.7 | 1.2 | 3/8 | 397 | 15.6 | 32 | 1.3 | 59.4 | 2.3 | 43.3 | 1.7 | 160 | 6.3 | 20.9 | 0.8 | |
| AEN4F22029C | 7.3 - 29 | 5.4 - 21.4 | 1,102 | 3.2 | 1.5 | 3/8 | 419 | 16.5 | 33.4 | 1.3 | 79.8 | 3.1 | 43.3 | 1.7 | 160 | 6.3 | 29.4 | 1.16 | |
| AEN4F22036C | 9 - 36 | 6.6 - 26.6 | 871 | 3.2 | 1.5 | 3/8 | 419 | 16.5 | 33.4 | 1.3 | 79.8 | 3.1 | 43.3 | 1.7 | 160 | 6.3 | 29.4 | 1.16 | |
| AEN4F22043C(VDL) | 10.8 - 43 | 8 - 31.7 | 705 | 3.2 | 1.5 | 3/8 | 419 | 16.5 | 33.4 | 1.3 | 79.8 | 3.1 | 43.3 | 1.7 | 160 | 6.3 | 29.4 | 1.16 | |
| AEN4F22055C(V) | 13.8 - 55 | 10.2 - 40.6 | 551 | 3.2 | 1.5 | 3/8 | 419 | 16.5 | 33.4 | 1.3 | 79.8 | 3.1 | 43.3 | 1.7 | 160 | 6.3 | 29.4 | 1.16 | |
| Inline Tools (Includes Reaction Bar and Fixture Nut) | | | | | | | | | | | | | | | | | | | |
| AES4A22020CV | 5 - 20 | 3.7 - 14.8 | 1,837 | 2.8 | 1.3 | 3/8 | 401 | 15.8 | 95.9 | 3.8 | 109.5 | 4.3 | 43.3 | 1.7 | 160 | 6.3 | 381 | 15 | |
| AES4A22025CV | 6.3 - 25 | 4.6 - 18.4 | 1,452 | 2.8 | 1.3 | 3/8 | 401 | 15.8 | 95.9 | 3.8 | 109.5 | 4.3 | 43.3 | 1.7 | 160 | 6.3 | 381 | 15 | |
| AES4A22030CV | 7.5 - 30 | 5.5 - 22.1 | 1,176 | 2.8 | 1.3 | 3/8 | 401 | 15.8 | 95.9 | 3.8 | 109.5 | 4.3 | 43.3 | 1.7 | 160 | 6.3 | 381 | 15 | |
| AES4A22035CV | 8.8 - 35 | 6.5 - 25.8 | 1,045 | 2.8 | 1.3 | 3/8 | 401 | 15.8 | 95.9 | 3.8 | 109.5 | 4.3 | 43.3 | 1.7 | 160 | 6.3 | 381 | 15 | |
| AES4A22040CV | 10 - 40 | 7.4 - 29.5 | 919 | 2.8 | 1.3 | 3/8 | 401 | 15.8 | 95.9 | 3.8 | 109.5 | 4.3 | 43.3 | 1.7 | 160 | 6.3 | 381 | 15 | |

Angle Tool Dimensions

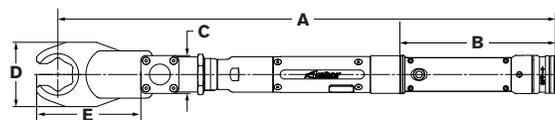


Inline Tool Dimensions



2000 Series Tubenut Tools

- Durable tubenut head design
- Simple, one-touch back to open operation for maximum productivity
- Innovative Sensor Technology: Transducer senses resistance in the initial 90 degrees of rotation and returns to open upon resistance encountered



2000 Series Tubenut Tools

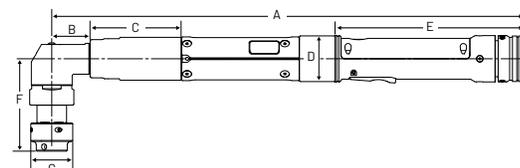
| 1000 Series Tubenut | Torque Range | | Free Speed | Weight (-) Socket | | Output Drive | | A | | B | | C | | D | | E | |
|--|--------------|----------|------------|-------------------|------|--------------|---------|------|-------|-----|-------|-----|----|-----|----|-----|-----|
| | NM | FT-LB | RPM | LB | KG | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Wide variety of socket sizes available (DL) = Dual Lever | | | | | | | | | | | | | | | | | |
| AET4AA22016C(DL) | 4 - 16 | 3 - 11.8 | 1,828 | 4.1 | 1.86 | 1/4 - 7/16 | 7 - 12 | 19.1 | 484.3 | 6.5 | 164.4 | 1.6 | 40 | 1.5 | 37 | 2.2 | 56 |
| AET4AB22021C(DL) | 5.3 - 21 | 4 - 15.5 | 1,371 | 5.0 | 2.27 | 3/8 - 5/8 | 10 - 17 | 19.6 | 498.7 | 6.5 | 164.4 | 1.6 | 40 | 1.6 | 40 | 2.9 | 74 |
| AET4AC22028C(DL) | 7 - 28 | 5 - 20.7 | 1,020 | 5.5 | 2.49 | 1/2 - 7/8 | 13 - 24 | 20 | 508.4 | 6.5 | 164.4 | 1.6 | 40 | 2.2 | 56 | 3.5 | 88 |
| AET4AD22038CDL | 9.5 - 38 | 7 - 28 | 756 | 6.6 | 2.99 | 5/8 - 1-3/16 | 17 - 32 | 20.7 | 525.9 | 6.5 | 164.4 | 1.6 | 40 | 2.7 | 68 | 4.3 | 110 |

2000 Series Hold and Drive Tools

Hold-and-drive tools deliver accurate, repeatable torque by securely holding the fastener in place during tightening.

- Eliminates unwanted rotation and spin-out – no slipping, no misalignment, no rework
- 1" & 2" travel models available
- Sockets and holders are custom

1" Travel (C-1) Model



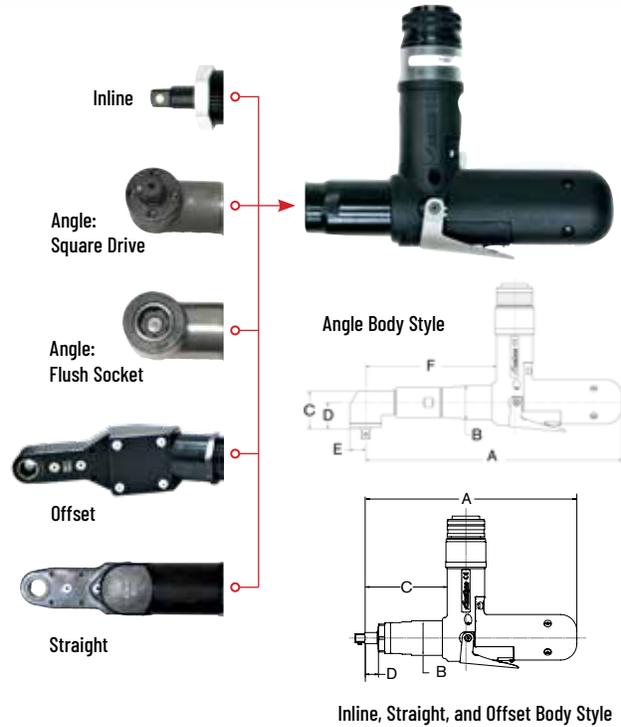
2000 Series Hold and Drive Tools

| Model | Max Torque | | Torque Range | | Free Speed | Weight | Min Socket | (A) | (B) | (C) | (D) | (E) | (F) | | (G) | | | | | | |
|--|------------|-------|--------------|--------|------------|--|-------------------------------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|----------------------|-------------|-----|------|
| | NM | FT-LB | NM | FT-LB | RPM | (LB) | Max Socket | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | | | | |
| Hold & Drive (-1) = 1" Travel (-2) = 2" Travel | | | | | | | | | | | | | | | | | | | | | |
| AEH4F22036C(-1) | 36 | 27 | 7 - 36 | 5 - 27 | 871 | -1 = 1.5 kg / 3.4 lb | 9/16 (14 mm) 13/16 (21 mm) | 16.2 | 412 | 1.3 | 33.4 | 3.2 | 80 | 1.6 | 40 | 6.5 | 165 | -1 = 3.2 | 80.6 | 1.4 | 36.5 |
| AEH4F22043C(-1)(-2) | 43 | 32 | 9 - 43 | 7 - 32 | 705 | -1 = 1.5 kg / 3.4 lb -2 = 1.7 kg / 3.7 lb | 9/16 (14 mm) 13/16 (21 mm) | 16.2 | 412 | 1.3 | 33.4 | 3.2 | 80 | 1.6 | 40 | 6.5 | 165 | -1 = 3.2 -2 = 4.2 | 80.6 106 | 1.4 | 36.5 |
| AEH4F22055C(-1) | 55 | 41 | 11 - 55 | 8 - 41 | 551 | -1 = 1.5 kg / 3.4 lb | 9/16 (14 mm) 13/16 (21 mm) | 16.2 | 412 | 1.3 | 33.4 | 3.2 | 80 | 1.6 | 40 | 6.5 | 165 | -1 = 3.2 | 80.6 | 1.4 | 36.5 |

2000 Series Mid-Exit Tools

FEATURES AND BENEFITS

- Length
 - Reduced tool length due to cable exiting in front of grip surface
- Ergonomics
 - Reduced torque reaction compared to pistol-style tools
 - The inline handle, coupled with the ergonomic hand positioning, allows for increased leverage and decreased strain on the wrist
- Cable management
 - If used with a spring balancer, the tool hangs naturally near its center of gravity, the cable is controlled by the balancer
 - Front positioning of cable provides for easy cable management



2000 Series Mid-Exit Cable Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-)Socket | | Output SQ. DR. | A | | B | | C | | D | | E | | F | |
|--|------------|-------|--------------|-----------|-------------------|---------------------|------|-------------------|-------|-------|------|------|------|------|------|------|-----|------|------|-------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Mid-Exit Models: Angle Body Style Add "F" to Part Numbers for Flush Socket | | | | | | | | | | | | | | | | | | | | |
| AEN4C22015BM(F) | 15 | 11 | 3.75 - 15 | 2.77 - 11 | 700 | 2.6 | 1.18 | 3/8" | 9.02 | 229.1 | 1.47 | 37.3 | 1.29 | 32.8 | .82 | 20.9 | .52 | 13.1 | 3.51 | 89.3 |
| AEN4F22030BM(F) | 30 | 22 | 7.5 - 30 | 5.53 - 22 | 675 | 3.3 | 1.50 | 3/8" | 11.24 | 285.6 | 1.47 | 37.3 | 1.66 | 42.1 | 1.17 | 29.7 | .70 | 17.8 | 5.73 | 145.6 |
| AEN4F22037BM(F) | 37 | 29 | 9.25 - 37 | 6.82 - 29 | 533 | 3.3 | 1.50 | 3/8" | 11.24 | 285.6 | 1.47 | 37.3 | 1.66 | 42.1 | 1.17 | 29.7 | .70 | 17.8 | 5.73 | 145.6 |
| AEN4F22044BM(F) | 44 | 32 | 11 - 40 | 8.11 - 29 | 432 | 3.3 | 1.50 | 3/8" | 11.24 | 285.6 | 1.47 | 37.3 | 1.66 | 42.1 | 1.17 | 29.7 | .70 | 17.8 | 5.73 | 145.6 |
| Mid-Exit Models: Inline, Straight, and Offset Body Style | | | | | | | | | | | | | | | | | | | | |
| AES4A22020BVM | 20 | 15 | 5 - 20 | 3.7 - 15 | 1050 | 2.4 | 1.09 | 3/8" | 9.0 | 228.5 | 1.47 | 37.3 | 3.49 | 88.6 | .56 | 14.2 | — | — | — | — |
| AES4A22025BVM | 25 | 18 | 6.3 - 25 | 4.6 - 18 | 830 | 2.4 | 1.09 | 3/8" | 9.0 | 228.5 | 1.47 | 37.3 | 3.49 | 88.6 | .56 | 14.2 | — | — | — | — |
| AES4A22030BVM | 30 | 22 | 7.5 - 30 | 5.5 - 22 | 672 | 2.4 | 1.09 | 3/8" | 9.0 | 228.5 | 1.47 | 37.3 | 3.49 | 88.6 | .56 | 14.2 | — | — | — | — |
| AES4A22040BVM | 40 | 30 | 10 - 40 | 7.4 - 30 | 525 | 2.4 | 1.09 | 3/8" | 9.0 | 228.5 | 1.47 | 37.3 | 3.49 | 88.6 | .56 | 14.2 | — | — | — | — |

AcraDrive Discontinuous Drive Tools

ONE TOOL
TWO WAYS TO DRIVE
THREE TIGHTENING STRATEGIES
MULTIPLE HANDLE CONFIGURATIONS

Providing amazing flexibility in one tool, the AcraDyne Discontinuous Drive Nutrunner adds choice, speed, accuracy, and virtually reaction-free tightening to the user-friendly GEN IV Ecosystem



TIGHTENING STRATEGIES

- Continuous Mode
 - Tool can be programmed to run in Continuous Mode like traditional DC nutrunners (within ergonomically acceptable limits)
- Discontinuous Mode
 - Virtually reaction-free performance with great accuracy and controllability
- Continuous Mode & Discontinuous Mode
 - Unique capability in a single tool delivers torque to the fastener in both Continuous and Discontinuous modes when programmed in a multistage parameter

DISCONTINUOUS DRIVE ADVANTAGES

- High torque accuracy
- High tool speeds
- Minimal torque reaction
- Low vibration & noise
- One-handed operation
- Durable motor and gearing for long lifespan between preventative maintenance





Offering the greatest flexibility in one tool. The AcraDrive Discontinuous nutrunner offers three modes that are programmable in the Gen IV Controller. The ability to operate in Continuous Mode, Discontinuous Mode, or Continuous & Discontinuous Mode with one tool means ultimate cost savings with multiple features. No more need to sacrifice ergonomics for reduced cost of ownership, or forfeit high tool speeds in order to achieve traceable data.

FEATURES AND BENEFITS

Safe & Ergonomic Operation

- Optimal balance for less operator fatigue
- Minimal torque reaction properties in Discontinuous mode
- Proprietary motor control algorithm for optimizing to application demands
- Multiple handle configurations allow for greater access to the application

Low Maintenance

- Precision gearing tested to greater than 500,000 cycle reliability
- Sealed brushless optimized motors with zero maintenance requirements

Flexibility & Cost Savings

- Connects to the industry’s most intuitive control platform – AcraDyne’s iEC Gen IV Controller
- One tool capable of Continuous and Discontinuous drive means that one tool can cover more applications
- No software add-ons required and no-cost updates available at www.aimco-global.com



Pistol Model, Bottom Exit



Inverted Pistol Model

Speed & Accuracy

- Combines fast tool speeds with Discontinuous drive and advanced data tracing
- Torque is measured by an industry standard Strain Gauge traceable transducer

2000 Series Discontinuous Drive Tools

| Model | Torque Range | | Max Speed RPM | Joints | | Length | | Weight | | Output Sq. Drive |
|--|--------------|-----------|------------------|----------|-----------|-----------------------|---------------------|--------|------|---------------------|
| | NM | FT-LB | | Hard | Medium | IN | MM | LB | KG | |
| Pistol Tools P = Pistol Tools with Bottom Exit PR = Pistol Tools with Rear Exit U = Inverted Pistol Tool | | | | | | | | | | |
| AEP4(P PR)22030AV | 18 - 30 | 13.3 - 22 | 1,579 | 20 - 80° | 80 - 150° | P = 10.7 PR = 14.7 | P = 271 PR = 373 | 4.05 | 1.84 | 3/8" |
| AEP4P22030AVU | 18 - 30 | 13.3 - 22 | 1,579 | 20 - 80° | 80 - 150° | 10.7 | 271 | 4.05 | 1.84 | 3/8" |
| AEP4(P PR)22050AV | 28 - 50 | 20.7 - 37 | 1,579 | 20 - 80° | 80 - 150° | P = 10.8 PR = 14.8 | P = 274 PR = 376 | 4.05 | 1.84 | 1/2" |
| AEP4P22050AVU | 28 - 50 | 20.7 - 37 | 1,579 | 20 - 80° | 80 - 150° | 10.8 | 274 | 4.05 | 1.84 | 1/2" |



3000 SERIES

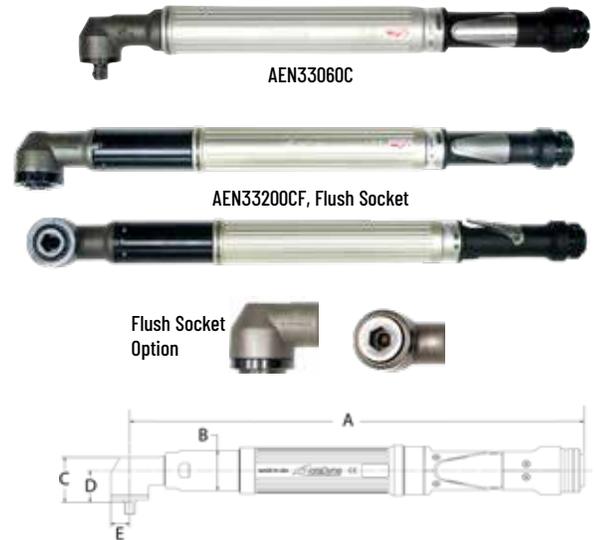
10 – 600 Nm

- Superior size, speed, and duty cycle compared to competitors' tools
- Aluminum gear and motor housing
- Onboard lights and audible signal for operator feedback



3000 Series Angle Tools

- Provides the perfect solution for space-limited applications
- Compact, durable head houses a precision right-angle gearset that fits into the tightest spaces
- Integrated transducer for accurate delivery or monitoring of Torque and Angle
- Lightweight materials and uniform body diameter provide a comfortable grip
- Ergonomically placed start lever for ease of operation
- Available in regular or flush socket options
- Dual-Lever available on 60 – 375 Nm models

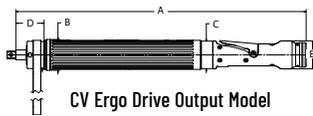


3000 Series Angle Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output SQ. DR | (A) | | (B) | | (C) | | (D) | | (E) | |
|---|------------|-------|--------------|----------|-------------------|----------------------|------|------------------|-------|--------|------|----|------|-------|------|------|------|----|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| 3000 Series Add "F" to Part Numbers for Flush Socket DL = Dual Lever (V) = Extended Ergo-Drive Output W = Wobble Output Spindle | | | | | | | | | | | | | | | | | | |
| AEN33060C(F)(DL)(V) | 60 | 44 | 12 - 60 | 9 - 44 | 845 | 6.6 | 2.99 | 1/2. | 19.14 | 486.14 | 1.85 | 47 | 1.91 | 48.36 | 1.38 | 35.2 | .83 | 21 |
| AEN33090C(F)(DL)(V)(W) | 90 | 66 | 18 - 90 | 13 - 66 | 568 | 6.6 | 2.99 | 1/2. | 19.14 | 486.14 | 1.85 | 47 | 1.91 | 48.36 | 1.38 | 35.2 | .83 | 21 |
| AEN33120C(F)(DL) | 120 | 89 | 24 - 120 | 18 - 88 | 442 | 9.3 | 4.22 | 1/2 | 21.22 | 539 | 1.85 | 47 | 2.78 | 71 | 2.08 | 53 | 1.05 | 27 |
| AEN33200C(F)(DL) | 200 | 148 | 40 - 200 | 29 - 147 | 245 | 9.4 | 4.26 | 3/4 | 23.43 | 595 | 1.85 | 47 | 2.54 | 65 | 1.84 | 47 | 1.05 | 27 |
| AEN33210C(DL) | 210 | 155 | 50 - 210 | 37 - 155 | 234 | 10.0 | 4.54 | 3/4 | 23.8 | 604.5 | 1.85 | 47 | 2.97 | 75 | 2.04 | 52 | 1.25 | 32 |
| AEN33300C(DL) | 300 | 221 | 60 - 300 | 42 - 221 | 151 | 10.0 | 4.54 | 3/4 | 23.72 | 602 | 1.85 | 47 | 2.97 | 75 | 2.04 | 52 | 1.25 | 32 |
| AEN33375C(DL) | 375 | 277 | 75 - 375 | 55 - 276 | 151 | 10.0 | 4.54 | 3/4 | 23.72 | 602 | 1.85 | 47 | 2.97 | 75 | 2.04 | 52 | 1.25 | 32 |

3000 Series Inline Tools

- Compact and durable, AcraDyne 3000 Series inline nutrunners are the ideal choice for fixtured fastening applications
- A uniform body diameter and a hex-shaped mounting point allow for simple installation into fixtured plates
- User modifiable reaction bar included with in-line tools for use in handheld applications
- Standard Square Drive or extended Ergo Drive output available on all models



3000 Series Inline Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output SQ. DR | (A) | | (B) | | (C) | | (D) | | (E) | |
|--|------------|-------|--------------|----------|-------------------|-------------------|-------|------------------|-------------------------|----------------|------|------|-----------------------|------------|-----------------------|----------------|------|------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| 3000 Series (V) = Extended Ergo-Drive Output -2 = 2" sliding spindle | | | | | | | | | | | | | | | | | | |
| AES33040C(V)(-2) | 40 | 30 | 8 - 40 | 5.9 - 30 | 1,314 | 6.4 | 2.90 | 1/2" | V = 18.46 -2 = 23.89 | 469 606.8 | 1.96 | 49.8 | V = 1.75 -2 = 1.85 | 44.5 47 | V = 1.8 -2 = 4.3 | 45.7 109.5 | 1.78 | 45.2 |
| AES33060C(V)(-2) | 60 | 44 | 12 - 60 | 8.9 - 44 | 883 | 6.4 | 2.90 | 1/2" | V = 18.46 -2 = 23.89 | 469 606.8 | 1.96 | 49.8 | V = 1.75 -2 = 1.85 | 44.5 47 | V = 1.8 -2 = 4.3 | 45.7 109.5 | 1.78 | 45.2 |
| AES33100C(V)(-2) | 100 | 74 | 20 - 100 | 15 - 74 | 489 | 8.1 | 3.67 | 1/2" | V = 22.78 -2 = 27.71 | 578.6 703.8 | 1.96 | 49.8 | V = 1.75 -2 = 1.85 | 44.5 47 | V = 6.11 -2 = 3.96 | 155.3 100.5 | 1.78 | 45.2 |
| AES33150C(V)(-2) | 150 | 111 | 30 - 150 | 22 - 111 | 329 | 8.1 | 3.67 | 1/2" | V = 22.78 -2 = 27.71 | 578.6 703.8 | 1.96 | 49.8 | V = 1.75 -2 = 1.85 | 44.5 47 | V = 6.11 -2 = 3.96 | 155.3 100.5 | 1.78 | 45.2 |
| AES33230C(V)(-2) | 185 | 137 | 46 - 185 | 34 - 137 | 221 | 8.1 | 3.67 | 1/2" | V = 22.78 -2 = 27.71 | 578.6 703.8 | 1.96 | 49.8 | V = 1.75 -2 = 1.85 | 44.5 47 | V = 6.11 -2 = 3.96 | 155.3 100.5 | 1.78 | 45.2 |
| AES33400C | 400 | 295 | 80 - 400 | 59 - 295 | 122 | 13.0* | 5.90* | 3/4" | 25.2 | 640 | 2.64 | 67.1 | 1.85 | 47 | 1.19 | 30.12 | 1.78 | 45.2 |
| AES33600C | 600 | 443 | 120 - 600 | 89 - 443 | 82 | 13.0* | 5.90* | 3/4" | 25.2 | 640 | 2.64 | 67.1 | 1.85 | 47 | 1.19 | 30.12 | 1.78 | 45.2 |

* Includes reaction bar and fixture nut

3000 Series Hold and Drive Tools

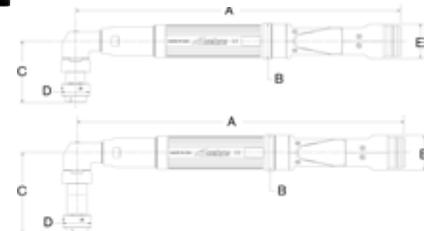
Hold-and-drive tools deliver accurate, repeatable torque by securely holding the fastener in place during tightening.

- Eliminates unwanted rotation and spin-out – no slipping, no misalignment, no rework
- 1" & 2" travel models available
- Sockets and holders are custom



1" Travel (C-1) Model

2" Travel (C-2) Model



3000 Series Hold and Drive Tools

| Model* | Max Torque | | Torque Range | | Free Speed RPM | Weight (LB) | Min Socket Max Socket | (A) | | (B) | | (C) | | (D) | | (E) | |
|--|------------|-------|--------------|---------|-------------------|------------------------|-------------------------------|-------|-------|------|----|------------------------|----------------|------|------|------|------|
| | NM | FT-LB | NM | FT-LB | | | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Hold & Drive (-1) = 1" Travel (-2) = 2" Travel | | | | | | | | | | | | | | | | | |
| AEH33060C(-1)(-2) | 60 | 44 | 12 - 60 | 9 - 44 | 845 | -1 = 7.3 -2 = 7.5 | 9/16 (14 mm) 1-1/4 (32 mm) | 19.1 | 485.1 | 1.85 | 47 | -1 = 3.36 -2 = 4.37 | 85.3 111.1 | 1.88 | 47.6 | 1.78 | 45.2 |
| AEH33090C(-1)(-2) | 90 | 66 | 18 - 90 | 13 - 66 | 568 | -1 = 7.3 -2 = 7.6 | 9/16 (14 mm) 1-1/4 (32 mm) | 16.79 | 426.5 | 1.85 | 47 | -1 = 3.36 -2 = 4.37 | 85.3 111.1 | 1.88 | 47.6 | 1.78 | 45.2 |
| AEH33120C(-1)(-2) | 120 | 89 | 24 - 120 | 18 - 89 | 442 | -1 = 10.0 -2 = 10.3 | 5/8 (15 mm) 1-1/4 (32 mm) | 21.22 | 539.1 | 1.85 | 47 | -1 = 4.09 -2 = 5.09 | 103.8 129.2 | 2.25 | 57.2 | 1.78 | 45.2 |

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

5000 SERIES

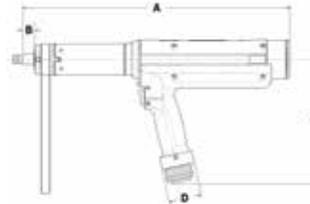
20 – 635 Nm

- Superior size, speed, and duty cycle compared to competitors' tools
- High duty cycle
- Durable Nylon motor and handle housing
- Onboard lights and audible signal for operator feedback

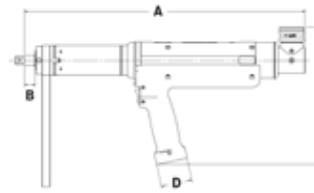


5000 Series Pistol Tools

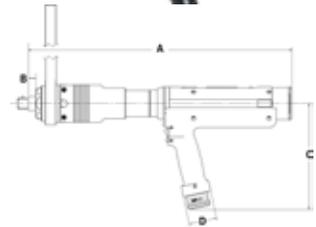
- Bottom and top exit models, as well as push-to start models available
- Ergo drive available on 75 – 170 Nm models
- Programmable Multi-Function Button: One single button facilitates several distinctly different tasks



Extended Ergo Drive
Bottom Exit (AV) Model



Extended Ergo Drive
Top Exit (AVT) Model



Standard Square Drive
Bottom Exit (A) Model

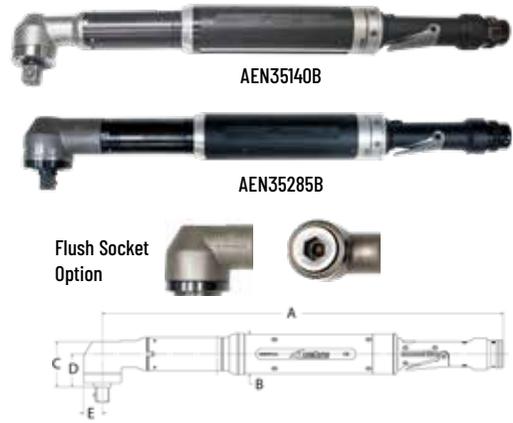
5000 Series Pistol Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output SQ DR | (A) | | (B) | | (C) | | (D) | |
|-----------------|--------------------------------|-------|---------------------|-----------|-------------------|----------------------|------|-----------------|---------------------------|----------------|-----|------|-------------------------|----------------|------|------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM |
| 5000 Series | V = Extended Ergo-Drive Output | | T = Top Exit Models | | | | | | | | | | | | | |
| AEP35075AV(T) | 75 | 55 | 19 - 75 | 14 - 55 | 944 | 9.2 | 4.17 | 1/2 | AV = 15.95 AVT = 16.83 | 405.2 427.4 | .68 | 17.4 | AV = 7.44 AVT = 8.63 | 188.9 219 | 1.96 | 49.7 |
| AEP35090AV(T) | 90 | 66 | 23 - 90 | 17 - 66 | 767 | 9.2 | 4.17 | 1/2 | AV = 15.95 AVT = 16.83 | 405.2 427.4 | .68 | 17.4 | AV = 7.44 AVT = 8.63 | 188.9 219 | 1.96 | 49.7 |
| AEP35110AV(T) | 110 | 81 | 28 - 110 | 21 - 81 | 634 | 9.2 | 4.17 | 1/2 | AV = 15.95 AVT = 16.83 | 405.2 427.4 | .68 | 17.4 | AV = 7.44 AVT = 8.63 | 188.9 219 | 1.96 | 49.7 |
| AEP35135AV(T) | 135 | 99 | 34 - 135 | 25 - 99 | 515 | 9.2 | 4.17 | 1/2 | AV = 15.95 AVT = 16.83 | 405.2 427.4 | .68 | 17.4 | AV = 7.44 AVT = 8.63 | 188.9 219 | 1.96 | 49.7 |
| AEP35170AV(T) | 170 | 125 | 43 - 170 | 32 - 125 | 418 | 9.2 | 4.17 | 1/2 | AV = 15.95 AVT = 16.83 | 405.2 427.4 | .68 | 17.4 | AV = 7.44 AVT = 8.63 | 188.9 219 | 1.96 | 49.7 |
| AEP35280A(T) | 280 | 206 | 70 - 280 | 52 - 207 | 236 | 13.6 | 6.17 | 3/4 | A = 18.51 AT = 19.41 | 470.3 493.1 | .52 | 13.1 | A = 7.44 AT = 8.59 | 188.9 217.9 | 1.96 | 49.7 |
| AEP35350A(T) | 350 | 258 | 88 - 350 | 65 - 258 | 192 | 13.6 | 6.17 | 3/4 | A = 18.51 AT = 19.41 | 470.3 493.1 | .52 | 13.1 | A = 7.44 AT = 8.59 | 188.9 217.9 | 1.96 | 49.7 |
| AEP35420A(T) | 420 | 310 | 105 - 420 | 78 - 310 | 159 | 13.6 | 6.17 | 3/4 | A = 18.51 AT = 19.41 | 470.3 493.1 | .52 | 13.1 | A = 7.44 AT = 8.59 | 188.9 217.9 | 1.96 | 49.7 |
| AEP35515A(T) | 515 | 380 | 128 - 515 | 95 - 380 | 129 | 13.6 | 6.17 | 3/4 | A = 18.51 AT = 19.41 | 470.3 493.1 | .52 | 13.1 | A = 7.44 AT = 8.59 | 188.9 217.9 | 1.96 | 49.7 |
| AEP35635A(T)(R) | 635 | 468 | 159 - 635 | 117 - 469 | 104 | 13.6 | 6.17 | 3/4 | A = 18.51 AT = 19.41 | 470.3 493.1 | .52 | 13.1 | A = 7.44 AT = 8.59 | 188.9 217.9 | 1.96 | 49.7 |

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

5000 Series Angle Tools

- Provides the perfect solution for space-limited applications. Compact, durable head houses a precision right-angle gearset that fits into the tightest spaces
- Integrated transducer for accurate delivery or monitoring of Torque and Angle
- Lightweight materials and uniform body diameter provide a comfortable grip
- Ergonomically placed start lever for ease of operation
- Available in regular or flush socket options



5000 Series Angle Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output SQ. DR | (A) | | (B) | | (C) | | (D) | | (E) B models only | | |
|--------------|--|-------|--------------|----------|-------------------|-------------------|------|------------------|-------|-------|------|------|------|------|------|------|----------------------|------|--|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | |
| 5000 Series | Add "F" to Part Numbers for Flush Socket | | | | | | | | | | | | | | | | | | |
| AEN35090B(F) | 90 | 66 | 23 - 90 | 17 - 66 | 607 | 6.9 | 3.13 | 1/2 | 22.63 | 574.8 | 2.31 | 58.7 | 1.91 | 48.6 | 1.38 | 35.2 | .81 | 20.6 | |
| AEN35140B(F) | 140 | 103 | 35 - 140 | 26 - 103 | 472 | 10.4 | 4.72 | 3/4 | 22.56 | 573 | 2.31 | 58.7 | 2.54 | 64.6 | 1.84 | 46.8 | 1.05 | 26.7 | |
| AEN35175B(F) | 175 | 129 | 44 - 175 | 33 - 129 | 384 | 10.5 | 4.76 | 3/4 | 22.56 | 573 | 2.31 | 58.7 | 2.54 | 64.6 | 1.84 | 46.8 | 1.05 | 26.7 | |
| AEN35210BF | 210 | 155 | 52 - 210 | 38 - 155 | 317 | 12.3 | 5.58 | 3/4 | 22.56 | 573 | 2.31 | 58.7 | 2.4 | 61 | 1.7 | 43.2 | - | - | |
| AEN35225B(F) | 225 | 166 | 56 - 225 | 41 - 166 | 291 | 12.3 | 5.58 | 3/4 | 22.92 | 582.2 | 2.31 | 58.7 | 2.86 | 72.6 | 1.94 | 49.1 | 1.25 | 31.8 | |
| AEN35285B(F) | 285 | 210 | 71 - 285 | 52 - 210 | 236 | 12.3 | 5.58 | 3/4 | 22.92 | 582.2 | 2.31 | 58.7 | 2.86 | 72.6 | 1.94 | 49.1 | 1.25 | 31.8 | |
| AEN35350B(F) | 350 | 258 | 88 - 350 | 65 - 258 | 191 | 12.3 | 5.58 | 3/4 | 22.92 | 582.2 | 2.31 | 58.7 | 2.86 | 72.6 | 1.94 | 49.1 | 1.25 | 31.8 | |

5000 Series Inline Tools

- Compact and durable, AcraDyne 5000 Series inline nutrunners are the ideal choice for fixtured fastening applications
- A uniform body diameter and a hex-shaped mounting point allow for simple installation into fixtured plates
- User modifiable reaction bar included with in-line tools for use in handheld applications
- Standard Square Drive or extended Ergo Drive output available on all models



5000 Series Inline Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output Sq. Dr | (A) | | (B) | | (C) | | (D) | | (E) | | |
|-------------|--------------------------------|-------|--------------|-----------|-------------------|-------------------|------|------------------|-------|-------|------|------|------|------|-----|------|------|------|--|
| | NM | FT-LB | NM | FT-LB | | LB | KG | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | |
| 5000 Series | V = Extended Ergo-Drive Output | | | | | | | | | | | | | | | | | | |
| AES35075AV | 75 | 55 | 19 - 75 | 14 - 55 | 944 | 9.2 | 4.17 | 1/2 | 21.9 | 556.3 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.78 | 45.2 | |
| AES35090AV | 90 | 66 | 23 - 90 | 17 - 66 | 767 | 9.2 | 4.17 | 1/2 | 21.9 | 556.3 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.78 | 45.2 | |
| AES35110AV | 110 | 81 | 28 - 110 | 21 - 81 | 634 | 9.2 | 4.17 | 1/2 | 21.9 | 556.3 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.78 | 45.2 | |
| AES35135AV | 135 | 100 | 34 - 135 | 25 - 100 | 515 | 9.2 | 4.17 | 1/2 | 21.9 | 556.3 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.78 | 45.2 | |
| AES35170AV | 170 | 126 | 43 - 170 | 32 - 126 | 418 | 9.2 | 4.17 | 1/2 | 21.9 | 556.3 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.78 | 45.2 | |
| AES35280A | 280 | 207 | 70 - 280 | 52 - 207 | 236 | 12.8 | 5.81 | 3/4 | 24.33 | 618.2 | 2.31 | 58.7 | 2.64 | 67.1 | .52 | 13.1 | 1.78 | 45.2 | |
| AES35350A | 350 | 258 | 88 - 350 | 65 - 258 | 192 | 12.8 | 5.81 | 3/4 | 24.33 | 618.2 | 2.31 | 58.7 | 2.64 | 67.1 | .52 | 13.1 | 1.78 | 45.2 | |
| AES35420A | 420 | 310 | 105 - 420 | 78 - 310 | 159 | 12.8 | 5.81 | 3/4 | 24.33 | 618.2 | 2.31 | 58.7 | 2.64 | 67.1 | .52 | 13.1 | 1.78 | 45.2 | |
| AES35515A | 515 | 380 | 128 - 515 | 95 - 380 | 129 | 12.8 | 5.81 | 3/4 | 24.33 | 618.2 | 2.31 | 58.7 | 2.64 | 67.1 | .52 | 13.1 | 1.78 | 45.2 | |
| AES35635A | 635 | 469 | 159 - 635 | 117 - 469 | 104 | 12.8 | 5.81 | 3/4 | 24.33 | 618.2 | 2.31 | 58.7 | 2.64 | 67.1 | .52 | 13.1 | 1.78 | 45.2 | |

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

5000 Series Fixtured Tools

- Rear & bottom exit available
- Standard Square Drive, Extended Ergo Drive, or 1/4" Quick Change outputs available in most models
- Models available with 1/2" fixed sq. dr., 3/4" fixed sq. dr., and 2" sliding spindle



AEF35135AV
Extended Ergo Drive, Rear Exit Model



AEF35350A
Standard Spindle, Rear Exit Model



AEF35135AVB
Extended Ergo Drive, Bottom Exit Model

5000 Series Fixtured Tools

| Model | Max Torque | | Torque Range | | Free Speed RPM | Weight (-) Socket | | Output SO. DR. |
|--|------------|-------|--------------|-----------|-------------------|----------------------|------|-------------------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | |
| 5000 Series | | | | | | | | |
| (V) = Extended Ergo Drive Output (VB) = Extended Output with Bottom Exit Cable (B) = Bottom Exit Cable (-2) = 2" Sliding Spindle with Rear Exit Cable (B-2) = 2" Sliding Spindle with Bottom Exit Cable | | | | | | | | |
| AEF35075A(V)(VB)(-2)(B-2) | 75 | 55 | 19 - 75 | 14 - 55 | 944 | 9.6 | 4.35 | 1/2" |
| AEF35090A(V)(VB)(-2)(B-2) | 90 | 66 | 23 - 90 | 17 - 66 | 767 | 9.6 | 4.35 | 1/2" |
| AEF35110A(V)(VB)(-2)(B-2) | 110 | 81 | 28 - 110 | 21 - 81 | 634 | 9.6 | 4.35 | 1/2" |
| AEF35135A(V)(VB)(-2)(B-2) | 135 | 100 | 34 - 135 | 25 - 100 | 515 | 9.6 | 4.35 | 1/2" |
| AEF35170A(V)(VB) | 170 | 125 | 43 - 170 | 32 - 125 | 418 | 9.6 | 4.35 | 1/2" |
| AEF35170A(-2)(B-2) | 170 | 125 | 43 - 170 | 32 - 125 | 418 | 9.6 | 4.35 | 3/4" |
| AEF35280A* | 280 | 207 | 70 - 280 | 52 - 207 | 236 | 13.6 | 6.17 | 3/4" |
| AEF35350A* | 350 | 258 | 88 - 350 | 65 - 258 | 192 | 13.6 | 6.17 | 3/4" |
| AEF35420A* | 420 | 310 | 105 - 420 | 77 - 310 | 159 | 13.6 | 6.17 | 3/4" |
| AEF35515A* | 515 | 380 | 128 - 515 | 95 - 380 | 129 | 13.6 | 6.17 | 3/4" |
| AEF35635A* | 635 | 469 | 159 - 635 | 117 - 469 | 104 | 13.6 | 6.17 | 3/4" |



AEF35135A-2
2" Sliding Spindle, Rear Exit Model

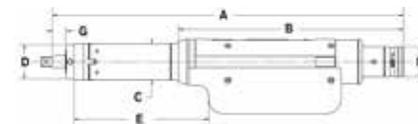


AEF35135AB-2
2" Sliding Spindle, Bottom Exit Model

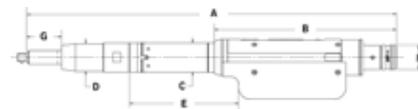
* Item 28843 is a panel mount 2" sliding spindle for 280 - 635 Nm models.

5000 Series Fixtured Tool Dimensions

| MODEL | (A) | | (B) | | (C) | | (D) | | (E) | | (F) | | (G) | |
|---|------|-----|------|-----|-----|----|-----|----|-----|-----|-----|----|-----|----|
| | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Standard Spindle Models | | | | | | | | | | | | | | |
| AEF35280A | 20.5 | 520 | 11.6 | 293 | 2.1 | 54 | 2.6 | 67 | 9.3 | 236 | 1.6 | 40 | .5 | 13 |
| AEF35350A | 20.5 | 520 | 11.6 | 293 | 2.1 | 54 | 2.6 | 67 | 9.3 | 236 | 1.6 | 40 | .5 | 13 |
| AEF35420A | 20.5 | 520 | 11.6 | 293 | 2.1 | 54 | 2.6 | 67 | 9.3 | 236 | 1.6 | 40 | .5 | 13 |
| AEF35515A | 20.5 | 520 | 11.6 | 293 | 2.1 | 54 | 2.6 | 67 | 9.3 | 236 | 1.6 | 40 | .5 | 13 |
| AEF35635A | 20.5 | 520 | 11.6 | 293 | 2.1 | 54 | 2.6 | 67 | 9.3 | 236 | 1.6 | 40 | .5 | 13 |
| Extended Ergo Drive Output Models | | | | | | | | | | | | | | |
| AEF35075AV | 18 | 458 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | .7 | 18 |
| AEF35090AV | 18 | 458 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | .7 | 18 |
| AEF35110AV | 18 | 458 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | .7 | 18 |
| AEF35135AV | 18 | 458 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | .7 | 18 |
| AEF35170AV | 18 | 458 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | .7 | 18 |
| 2" Sliding Spindle with Rear Exit Cable Models | | | | | | | | | | | | | | |
| AEF35075A-2 | 23.5 | 596 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | 2.2 | 57 |
| AEF35090A-2 | 23.5 | 596 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | 2.2 | 57 |
| AEF35110A-2 | 23.5 | 596 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | 2.2 | 57 |
| AEF35135A-2 | 23.5 | 596 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | 2.2 | 57 |
| AEF35170A-2 | 23.5 | 596 | 11.6 | 293 | 1.9 | 47 | 1.8 | 44 | 6.9 | 176 | 1.6 | 40 | 2.2 | 57 |



Extended Ergo Drive Output (AV) Models



2" Sliding Spindle (A-2) Models



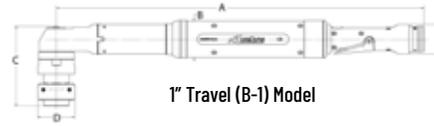
Standard Spindle (A) Models

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

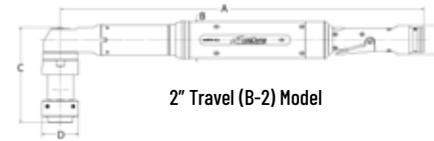
5000 Series Hold-and-Drive Tools

Hold-and-drive tools deliver accurate, repeatable torque by securely holding the fastener in place during tightening.

- Eliminates unwanted rotation and spin-out – no slipping, no misalignment, no rework
- 1" & 2" travel models available
- Sockets and holders are custom Torques ranging from 90 Nm – 350 Nm
- 1" and 2" travel models available
- Sockets and holders are custom



1" Travel (B-1) Model



2" Travel (B-2) Model

5000 Series Hold and Drive Tools

| Model* | Max Torque | | Torque Range | | Free Speed RPM | Weight (LB) | Min Socket | Max Socket | (A) | | (B) | | (C) | | (D) | | (E) | |
|--|------------|-------|--------------|----------|----------------|------------------------|-------------------------------|------------|-------|-------|------|------|------------------------|----------------|------|-------|------|------|
| | NM | FT-LB | Nm | FT-LB | | | | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Hold & Drive (-1) = 1" Travel (-2) = 2" Travel | | | | | | | | | | | | | | | | | | |
| AEH35090B(-1)(-2) | 90 | 66 | 23 - 90 | 17 - 66 | 607 | -1 = 7.6 -2 = 7.9 | 9/16 (14 mm) 1-1/4 (32 mm) | | 22.63 | 574.8 | 2.31 | 58.7 | -1 = 4.02 -2 = 4.96 | 102.1 126 | 1.88 | 47.6 | 1.78 | 45.2 |
| AEH35140B(-1)(-2) | 140 | 103 | 35 - 140 | 26 - 103 | 472 | -1 = 10.6 -2 = 11.0 | 5/8 (15 mm) 1-1/4 (32 mm) | | 22.56 | 572.9 | 2.31 | 58.7 | -1 = 4.87 -2 = 5.87 | 123.7 149.1 | 2.25 | 57.15 | 1.78 | 45.2 |
| AEH35175B(-1)(-2) | 175 | 129 | 44 - 175 | 33 - 129 | 384 | -1 = 10.6 -2 = 11.1 | 5/8 (15 mm) 1-1/4 (32 mm) | | 22.52 | 571.9 | 2.31 | 58.7 | -1 = 4.87 -2 = 5.87 | 123.7 149.1 | 2.25 | 57.15 | 1.78 | 45.2 |
| AEH35225B(-1)(-2) | 225 | 166 | 56 - 225 | 41 - 166 | 291 | -1 = 12.9 -2 = 13.3 | 3/4 (19 mm) 1-1/4 (32 mm) | | 22.92 | 582.2 | 2.31 | 58.7 | -1 = 5.52 -2 = 6.52 | 140.1 165.5 | 2.63 | 66.7 | 1.78 | 45.2 |
| AEH35285B(-1)(-2) | 285 | 210 | 71 - 285 | 52 - 210 | 236 | -1 = 12.9 -2 = 13.3 | 3/4 (19 mm) 1-1/4 (32 mm) | | 22.92 | 582.2 | 2.31 | 58.7 | -1 = 5.52 -2 = 6.52 | 140.1 165.5 | 2.63 | 66.7 | 1.78 | 45.2 |
| AEH35350B(-1)(-2) | 350 | 258 | 88 - 350 | 65 - 258 | 191 | -1 = 12.9 -2 = 13.3 | 3/4 (19 mm) 1-1/4 (32 mm) | | 22.92 | 582.2 | 2.31 | 58.7 | -1 = 5.52 -2 = 6.52 | 140.1 165.5 | 2.63 | 66.7 | 1.78 | 45.2 |



SPECIALTY GEARHEADS

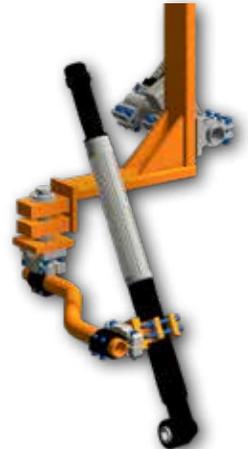
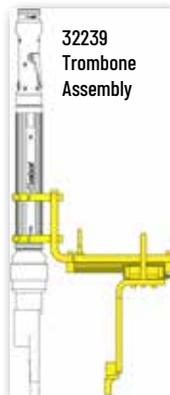
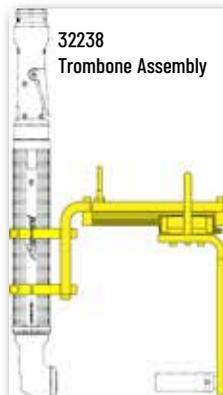
AIMCO can provide specialized heads for most any application. Tubenut, Hold and Drive, Crow Foot, Offsets, and Sliding Spindles are just a few of the head styles available. Whatever the requirements, AIMCO will recommend the head configuration that will get the job done successfully.

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



CUSTOM TOOL HOLDERS

AIMCO works closely with customers to design the best customized fit for their application. Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.



AcraDyne Riv-Nut Tools

AcraDyne Riv-Nut Tools

Offering the same size, speed, and duty cycle benefits of 1000 and 2000 series tools, AcraDyne's Riv-Nut tools have a simple, quick mandrel change design and are suitable for a wide range of material thicknesses – limited only by rivet nut size.

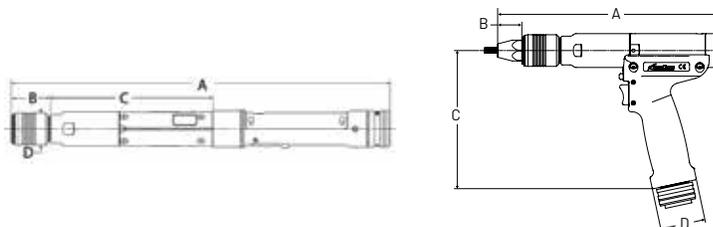
FEATURES AND BENEFITS

- Pull-to-torque tool/controller system ensures accurate, repeatable, and measurable tightening every time
- 1000 & 2000 series tools available with bottom exit, rear exit, or top exit cable configurations. Fixtured, and Push-to-Start models are available by request. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368
- Low-friction coating on mandrel for extended life
- Precise control of rivet compression with Torque and Angle detection capability
- Data collection and networking capabilities to capture and utilize result data for QMS systems and line controls
- Multi-function button (MFB) provides increased flexibility
- On-board lights and audible signal for operator feedback
- Works with rivet sizes M4 – M10 or 8-32 – 3/8-16



1000 & 2000 Series Riv-Nut Tools

| Model* | Torque Range | | Free Speed RPM | Weight (-) Socket | | Thread Size | Dimensions | | | | | | | | |
|----------------------|-------------------------|------------|-----------------------|-------------------|----------------------|---|---|-------|-------|------|------|------|-------|------|------|
| | NM | FT-LB | | LB | KG | | (A) | | (B) | | (C) | | (D) | | |
| | | | | | | | IN | MM | IN | MM | IN | MM | IN | MM | |
| Pistol | | | | | | | | | | | | | | | |
| 1000 Series | 4A Models = Bottom Exit | | 4R Models = Rear Exit | | 4T Models = Top Exit | | | | | | | | | | |
| AEP4(A)(R)2006BR | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.2 | 1.00 | M4 x 0.7 mm M5 x 0.8 mm | 8-32 UNC 10-24 UNC | 9.68 | 245.9 | 1.05 | 26.7 | 6.01 | 152.6 | 1.96 | 49.8 |
| AEP4(A)(R)2014BR | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.3 | 1.04 | M6 x 1.0 mm M8 x 1.25 mm | 10-32 UNF 1/4-20 UNC | 9.68 | 245.9 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)2022BR | 5.5 - 22 | 4.1 - 16 | 656 | 2.3 | 1.04 | M10 x 1.5 mm | 5/16-18 UNC 3/8-16 UNC | 9.68 | 245.9 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| 2000 Series | 4A Models = Bottom Exit | | 4R Models = Rear Exit | | 4T Models = Top Exit | | | | | | | | | | |
| AEP4(A)(R)(T)22020BR | 5 - 20 | 3.7 - 15 | 1,837 | 2.4 | 1.09 | M4 x 0.7 mm M5 x 0.8 mm | 8-32 UNC 10-24 UNC | 10.18 | 258.6 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)22030BR | 7.5 - 30 | 5.5 - 22 | 1,176 | 2.4 | 1.09 | M6 x 1.0 mm M8 x 1.25 mm | 10-32 UNF 1/4-20 UNC | 10.18 | 258.6 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)22040BR | 10 - 40 | 7.4 - 30 | 919 | 2.4 | 1.09 | M10 x 1.5 mm | 5/16-18 UNC 3/8-16 UNC | 10.18 | 258.6 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| Straight | | | | | | | | | | | | | | | |
| 2000 Series | | | | | | | | | | | | | | | |
| AES4A22020CR | 5 - 20 | 3.7 - 14.8 | 1,837 | 2.8 | 1.3 | M4 x 0.7 mm M5 x 0.8 mm M6 x 1.0 mm | 8-32 UNC 10-24 UNC 10-32 UNF | 16.4 | 417.3 | 1.7 | 43.2 | 7.04 | 178.7 | 1.38 | 34.9 |
| AES4A22040CR | 10 - 40 | 7.4 - 29.5 | 919 | 2.8 | 1.3 | M8 x 1.25 mm M10 x 1.5 mm | 1/4-20 UNC 5/16-18 UNC 3/8-16 UNC | 16.4 | 417.3 | 1.7 | 43.2 | 7.04 | 178.7 | 1.38 | 40.4 |



AcraDyne High Torque DC Tools

Critical bolting demands tools that deliver high torque with superior performance. Couple with AcraDyne's Controller, the HT Series tools combine these features in an electric, high-torque bolting system that beats the competition in accuracy, speed, and safety.

FEATURES AND BENEFITS

- Built-in integral transducer for optimal monitoring and control
- One of the most accurate high-torque tools in the world
- 250 Nm – 17,000 Nm torque range
- Ergonomic, robust design with five handle configurations that are also available in dual-lever models
- The world's most advanced traceable system at the output
- Three tightening strategies:
 - *Torque Control*: Drive the tool to a pre-set Target Torque
 - *Angle Control*: Drive the tool to or measure a pre-set Degree of Angle
 - *Yield Control*: Drive the tool to the Fastener Yield Point to achieve maximum clamp load
- Data retrieval
- Optional rugged carrying/storage case available
- Optional tool fan available in models 8,100 NM and above
- **MADE IN THE USA**



Pistol Type (AEP)



Axial Type (AEJ)



Straight Lever Type (AES)

HT Fixed Gearcase Tools

| Model | Approx. Torque | | Approx. Speed RPM | Weight | | Total Length (incl sq. dr) | | Dia. | | Drive IN | Sound Level dB(A) |
|---|----------------|-------|-------------------|--------|------|---|--------------------------------------|-------|-----|----------|-------------------|
| | NM | FT-LB | | KG | LB | MM | IN | MM | IN | | |
| HT Series Fixed Gearcase Models (R) = Pistol Tool with Rear Exit Cable (B) = Fixtured Model with Bottom Exit Cable | | | | | | | | | | | |
| 6000 Series | | | | | | | | | | | |
| AE(P)4A66250B(R) AE(D)(S)(J)(F)4A66250B | 250 | 185 | 315 | 4.6 | 10.5 | P = 289 P(R) = 331 D = 388 S = 440 J = 331 F = 331 F(B) = 353 | 11.4 13 15.3 17.3 | 66 | 2.6 | 0.75 | 66 |
| AE(P)4A66425B(R) AE(D)(S)(J)4A66425B AE(F)4A66425B(B) | 425 | 315 | 165 | 4.6 | 10.5 | | | | | | |
| AE(P)4A6625B(R) AE(D)(S)(J)4A6625B AE(F)4A6625B(B) | 625 | 460 | 106 | 4.8 | 10.5 | | | 66 | 2.6 | 0.75 | 66 |
| AE(P)4A66925B(R) AE(D)(S)(J)(F)4A66925B | 925 | 682 | 72 | 4.8 | 10.5 | | | | | | |
| 7000 Series | | | | | | | | | | | |
| AE(F)4A76200BB | 200 | 148 | 432 | 5.2 | 11.5 | 313 | 12.3 | 67.3 | 2.7 | 0.75 | 66 |
| AE(P)(D)(S)(J)(F)4A771000B | 1,000 | 738 | 65 | 6.6 | 14.5 | P = 302 D = 397 S = 453 J = 343 F = 343 | 11.9 15.6 17.8 13.5 13.5 | 77.5 | 3.1 | 1 | 66 |
| AE(P)(D)(S)(J)4A772500B AE(F)4A772500B(B) | 2,500 | 1,844 | 25 | 7.5 | 16.5 | P = 337 D = 433 S = 488 J = 379 F = 379 | 13.3 17.0 19.2 14.9 14.9 | | | | |
| 8000 Series | | | | | | | | | | | |
| AE(F)4A872800B | 2,800 | 2,065 | 8.7 | 10.4 | 23 | 407 | 16 | 77.5 | 3.1 | 1 | 66 |
| AE(P)(D)(J)(F)4A884200B1 AE(P)(D)(S)(J)(F)4A884200B | 4,200 | 3,100 | 12 | 11.1 | 24.5 | P = 384 D = 480 S = 546 J = 410 F = 410 | 15.1 18.9 21.5 16.1 16.1 | | | | |
| AE(P)(D)(J)(F)4A885000B | 5,000 | 3,700 | 9.3 | 11.1 | 24.5 | P = 438 D = 533 S = 599 J = 463 F = 462 | 17.2 21 23.6 18.2 18.2 | 103.8 | 4.1 | 1.5 | 66 |
| AE(P)(D)(S)(J)(F)4A898100B | 8,100 | 6,000 | 5 | 15.7 | 34.5 | | | | | | |



Rear Mounted Pistol (AED)



Fixtured Type (AEF)

* 8,100 Nm - 17,000 Nm models are not supported by the Gen III controller platform. The Gen IV controller platform is required.

AcraDyne High Torque DC Tools

360° Swivel Gearcase Nutrunners

FEATURES AND BENEFITS

- Same features and benefits of fixed gearcase models
- Ergonomic, robust design with two handle configurations



2,800 Nm Torque
AEP4W872800B



8,100 Nm Torque
AEJ4B898100B



8,100 Nm Torque
AEP4B898100B

HT 360° Swivel Gearcase Tools

| Model | Approx. Torque NM | FT-LB | Approx. Speed RPM | Weight KG | LB | Length (incl sq. dr) MM | IN | Dia. MM | IN | Drive IN | Sound Level dB(A) |
|---|----------------------|-------|----------------------|--------------|----|---|------------------------------|------------|-----|-------------------|----------------------|
| HT Series 360° Swivel Gearcase Models (R) = Pistol Tool with Rear Exit Cable | | | | | | | | | | | |
| 6000 Series | | | | | | | | | | | |
| AE (P) 4B66250B(R) AE (D)(J) 4B66250B | 250 | 185 | 315 | 5.3 | 12 | P = 327 P(R) = 368 D = 429 J = 369 | 12.9 14.5 16.9 14.5 | 67.3 | 2.7 | 0.75 | 66 |
| AE (P) 4B66425B(R) AE (D)(J) 4B66425B | 425 | 315 | 165 | 5.3 | 12 | | | | | 0.75 | 66 |
| AE (P) 4B66625B(R) AE (D)(J) 4B66625B | 625 | 460 | 106 | 5.5 | 12 | | | | | 0.75 | 66 |
| AE (P) 4B66925B(R) AE (D)(J) 4B66925B | 925 | 682 | 72 | 5.5 | 12 | | | | | 0.75 | 66 |
| 7000 Series | | | | | | | | | | | |
| AE (P)(J) 4B771000B | 1,000 | 738 | 65 | 7.3 | 16 | P = 339 J = 381 | 13.4 15 | 77.5 | 3.1 | 1 | 66 |
| AE (P)(J) 4B772500B | 2,500 | 1,844 | 25 | 8.2 | 18 | P = 377 J = 418 | 14.8 16.5 | | | | |
| 8000 Series | | | | | | | | | | | |
| AE (P)(D)(J) 4B884200B1 AE (P)(D)(J) 4B884200B | 4,200 | 3,100 | 12 | 11.8 | 26 | P = 422 D = 518 J = 446 | 16.6 20.4 17.6 | 91.2 | 3.6 | B1 = 1 B = 1.5 | 66 |
| AE (P)(J) 4B896500B | 6,500 | 4,800 | 7 | 16.4 | 36 | P = 475 J = 499 | 18.7 19.7 | 103.8 | 4.1 | 1.5 | 66 |
| AE (P)(D)(J) 4B898100B* | 8,100 | 6,000 | 5 | 16.4 | 36 | P = 475 D = 571 J = 499 | 18.7 22.5 19.7 | 103.8 | 4.1 | 1.5 | 66 |
| AE (P) 4B998100B* | 8,100 | 6,000 | 5 | 21.8 | 48 | 532 | 20.9 | 112 | 4.4 | 1.5 | 66 |
| Models for Extreme Duty / Low Power Environments | | | | | | | | | | | |
| Wind Series | | | | | | | | | | | |
| AE (P)(J) 4W872800B | 2,800 | 2,065 | 9 | 10.0 | 22 | P = 406 J = 430 | 16 17 | 76 | 3.0 | 1 | 66 |
| AE (P)(D)(J) 4W885000B1* AE (P)(D)(J) 4W885000B* | 5,000 | 3,700 | 4.5 | 11.8 | 26 | P = 422 D = 518 J = 446 | 16.6 20.4 17.6 | 91.2 | 3.6 | B1 = 1 B = 1.5 | 66 |

* 8,100 Nm - 17,000 Nm models are not supported by the Gen III controller platform. The Gen IV controller platform is required.

AIMCO can provide customized tooling solutions for even the most unique applications. Let us propose a solution tailored to your needs. Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.

AcraDyne High Torque DC Angle Tools



Application designs today present difficult to access bolting locations that until now, could not be reached with precision tooling. AcraDyne® HT Series tools have long featured the measurement sensor directly at the output of the tool, which means the torque reported is the torque delivered. This makes the AcraDyne HT Angle tool one of the most accurate high-torque right-angle tools in the world

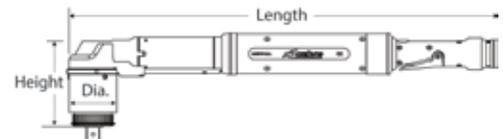
The AcraDyne® HT Swivel GearCase Angle Nutrunners represent industry leading technology and innovative tool form. These nutrunners enable tight tolerance bolting on fasteners that were very difficult to reach before.

What began as a 3000NM version for performing work on Wind Turbine Blade servicing jobs, has now evolved into a broad range of tools at torques starting at 50 Nm and reaching up to 5000 Nm. Available in 5000, 6000, 7000, and now 8000 series models, there is an AcraDyne® HT Swivel GearCase tool available to solve your tough challenge.

FEATURES AND BENEFITS

- Transducerized closed loop control at the output like all AcraDyne HT-Series tools
- These low-profile head, small-diameter, lever-operated tools, with the torque measured at the output, offer a unique solution
- The torque reported is the torque delivered
- One of the most accurate high-torque right-angle tools in the world
- Same durable, high-cycle gearing as all HT-series tools
- 5000 series tools are fixed gearcase models
- 6000 series tools available in fixed gearcase and 360° swivel gearcase models
- 7000 & 8000 series tools available in 360° swivel gearcase models

5000 Series Models



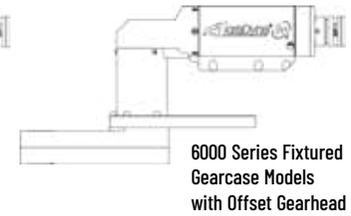
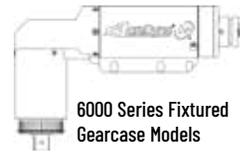
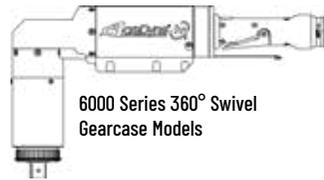
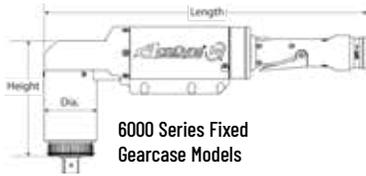
5000 Series HT DC Angle Tools

| Model | Series | Torque Range | | Free Speed RPM | Weight * | | Length (Minus Reaction Bar) | | Height (Minus Sq. Dr) | | Dia. | | Drive IN | Sound Level dB(A) |
|---|--------|--------------|-------------|-------------------|----------|------|--------------------------------|------|--------------------------|------|------|-----|-------------|-------------------------|
| | | NM | FT-LB | | KG | LB | MM | IN | MM | IN | MM | IN | | |
| 5000 Series 135 - 2,600 Nm / 100 - 1,917 Ft-Lb | | | | | | | | | | | | | | |
| Fixed Gearcase | | | | | | | | | | | | | | |
| AEN356540A | 5000 | 135 - 540 | 100 - 398 | 109 | 5.95 | 13.1 | 607 | 23.9 | 120.6 | 4.75 | 67.4 | 2.7 | 3/4 | 66 |
| AEN356910AG | 5000 | 225 - 900 | 166 - 664 | 27.9 | 5.5 | 12.2 | 496 | 19.5 | 150.6 | 5.93 | 65.8 | 2.6 | 3/4 | 66 |
| AEN3571000A | 5000 | 250 - 1,000 | 184 - 737 | 61 | 7.39 | 16.3 | 621 | 24.5 | 136.1 | 5.36 | 77.4 | 3.1 | 1 | 66 |
| AEN3571600A | 5000 | 400 - 1,600 | 295 - 1,180 | 33 | 7.57 | 16.7 | 612 | 24.1 | 136.1 | 5.36 | 71.4 | 3.1 | 1 | 66 |
| AEN3572600A | 5000 | 650 - 2,600 | 479 - 1,917 | 21 | 8.40 | 18.5 | 621 | 24.5 | 171.9 | 6.77 | 77.4 | 3.1 | 1 | 66 |

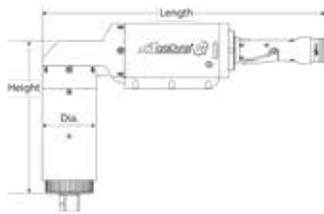
* Weight is tool only w/o Socket and Reaction Bar

AcraDyne High Torque DC Angle Tools

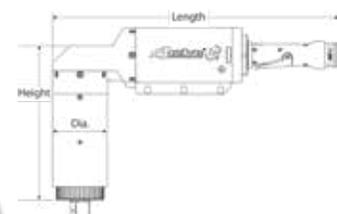
6000 Series Models



7000 Series Models



8000 Series Models



6000, 7000, and 8000 Series HT DC Angle Tools

| Model | Series | Torque Range | | Free Speed RPM | Weight * | | Length (Minus Reaction Bar) | | Height (Minus Sq. Dr) | | Dia. | | Drive IN | Sound Level dB(A) |
|--|--------|---------------|-------------|-------------------|----------|------|--------------------------------|------|--------------------------|------|------|-----|-------------|-------------------------|
| | | NM | FT-LB | | KG | LB | MM | IN | MM | IN | MM | IN | | |
| 6000 Series 50 - 925 Nm / 37 - 682 Ft-Lb | | | | | | | | | | | | | | |
| Fixed Gearcase | | | | | | | | | | | | | | |
| AEN4A66250B | 6000 | 50 - 250 | 37 - 184 | 188 | 5.6 | 12.4 | 417 | 16.4 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| AEN4A66425B | 6000 | 85 - 425 | 63 - 313 | 97 | 5.6 | 12.4 | 417 | 16.4 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| AEN4A66625B | 6000 | 125 - 625 | 92 - 461 | 64 | 5.6 | 12.4 | 417 | 16.4 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| AEN4A66925B | 6000 | 185 - 925 | 136 - 682 | 43.2 | 5.6 | 12.4 | 417 | 16.4 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| 360° Swivel Gearcase | | | | | | | | | | | | | | |
| AEN4B66250B | 6000 | 50 - 250 | 37 - 184 | 188 | 6.3 | 13.9 | 417 | 16.4 | 188 | 7.4 | 67.3 | 2.7 | 3/4 | 66 |
| AEN4B66425B | 6000 | 85 - 425 | 63 - 313 | 97 | 6.3 | 13.9 | 417 | 16.4 | 188 | 7.4 | 67.3 | 2.7 | 3/4 | 66 |
| AEN4B66625B | 6000 | 125 - 625 | 92 - 461 | 64 | 6.3 | 13.9 | 417 | 16.4 | 188 | 7.4 | 67.3 | 2.7 | 3/4 | 66 |
| AEN4B66925B | 6000 | 185 - 925 | 136 - 682 | 43.2 | 6.3 | 13.9 | 417 | 16.4 | 188 | 7.4 | 67.3 | 2.7 | 3/4 | 66 |
| Fixtured | | | | | | | | | | | | | | |
| Add -NP to a model number for offset gearhead. Dimensions vary depending on gearhead. Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368 | | | | | | | | | | | | | | |
| AEF4N66250B(-NP) | 6000 | 50 - 250 | 37 - 184 | 188 | 5.6 | 12.4 | 307 | 12.1 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| AEF4N66425B(-NP) | 6000 | 85 - 425 | 63 - 313 | 97 | 5.6 | 12.4 | 307 | 12.1 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| AEF4N66625B(-NP) | 6000 | 125 - 625 | 92 - 461 | 64 | 5.6 | 12.4 | 307 | 12.1 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| AEF4N66925B | 6000 | 185 - 925 | 136 - 682 | 43.2 | 5.6 | 12.4 | 307 | 12.1 | 150 | 5.9 | 67.3 | 2.7 | 3/4 | 66 |
| 7000 Series 240 - 3,000 Nm / 177 - 2,200 Ft-Lb | | | | | | | | | | | | | | |
| 360° Swivel Gearcase | | | | | | | | | | | | | | |
| AEN4B771200B(DL) | 7000 | 240 - 1,200 | 177 - 885 | 38 | 8.1 | 17.9 | 422 | 16.6 | 229 | 9 | 77.5 | 3.1 | 1" | 66 |
| AEN4B773000B(DL) | 7000 | 600 - 3,000 | 443 - 2,200 | 15 | 9.3 | 20.4 | 422 | 16.6 | 229 | 9 | 77.5 | 3.1 | 1" | 66 |
| 8000 Series 1,000 - 5,000 Nm / 740 - 3,700 Ft-Lb | | | | | | | | | | | | | | |
| 360° Swivel Gearcase | | | | | | | | | | | | | | |
| AEN4B885000B1 | 8000 | 1,000 - 5,000 | 740 - 3,700 | 6 | 15.9 | 35 | 476 | 18.7 | 258 | 10.1 | 91.2 | 3.6 | 1 | 66 |
| AEN4B885000B | 8000 | 1,000 - 5,000 | 740 - 3,700 | 6 | 15.9 | 35 | 476 | 18.7 | 258 | 10.1 | 91.2 | 3.6 | 1.5 | 66 |

* Weight is tool only w/o Socket and Reaction Bar



Gen IV iEC4W Field Controller: High Torque with High Tech

The Gen IV Field Controller (see page 39) is the core of the modular AcraDyne DC system. One controller will command any tool in the AcraDyne line – including the HT DC Angle Tool – from 1 Nm to 17,000 Nm, all with the same modular standard cable design.

AcraDyne High Torque DC Dual-Lever Tools

HIGH TORQUE DUAL-LEVER/DUAL-TRIGGER TOOLS

Provides Additional Safety by Avoiding Accidental Tool Start

FEATURES AND BENEFITS

- Built-in integral transducer for optimal monitoring and control
- One of the most accurate high-torque tools in the world
- 250 Nm - 17,000 Nm
- Two-Hand No Tie Down Operation
 - No Tie Down Control: Operator must have both hands on and activating the dual-starting mechanisms simultaneously. Both hands must remain in position, activating the dual controls, at all times in order for the tool to operate.
- Additional safety when using a tool with a reaction bar or nose extension. Operator's hands remain on the controls and not in a position where they could be impacted by reaction devices
- Hands stay clear of application
- Helps avoid accidental starting of the tool
- Available in five handle types: "Handle Bar" (F) style, Straight (S) style with side handle, Pistol (P) style, Rear-Mounted Pistol (D) style, and J-Handle (J) style
- MADE IN THE USA



AEJ Type



AEP Type



AED Type



AES Type



AEF Type

HT Dual-Lever/Dual-Trigger Nutrunners: **SAFETY** is **VITAL** in Critical Bolting

AcraDyne's Nutrunners are designed with ultimate operator safety in mind. The optional dual-lever/dual trigger design helps prevent:



⚠ Injuries from Accidental Tool Start

Two-hand operation with no tie-down feature requires the operator to use both hands on the trigger simultaneously. This eliminates the possibility of accidental tool start and keeps both of the operator's hands out of harm's way.

⚠ Strain Caused by Awkward Tool Operation

Multiple handle styles ensure the safest, most ergonomic tool for your specific application.

⚠ Hand and Finger Trauma

Significantly reduce the risk of crushed or mutilated fingers from unintended tool start.

Protect your most valuable asset – your tool operator.

AcraDyne High Torque DC Dual-Lever Tools

HT Fixed Gearcase Dual-Lever/Dual Trigger Tools

| Dual Lever Model | Approx. Torque | | Approx. Speed RPM | Weight | | Length (incl sq. dr) | | Dia. | | Drive IN | Sound Level dB(A) |
|--|----------------|-------|-------------------|--------|----|-------------------------------|----------------------|-------|-----|-------------------|-------------------|
| | NM | FT-LB | | KG | LB | MM | IN | MM | IN | | |
| HT Series Fixed Gearcase: Dual-Lever/Dual Trigger Models For Straight Type Tools Only: (L) = Left-Side Handle (R) = Right-Side Handle | | | | | | | | | | | |
| 6000 Series | | | | | | | | | | | |
| AE(P)(F)4A66250BDL AE(S)4A66250BDL(L)(R) | 250 | 185 | 315 | 3.9 | 9 | P = 314 F = 331 S = 440 | 12.4 13 17.3 | 67.3 | 2.7 | 0.75 | 66 |
| AE(P)(F)4A66425BDL AE(S)4A66425BDL(L)(R) | 425 | 315 | 165 | 3.9 | 9 | | | | | 0.75 | 66 |
| AE(P)(F)4A66625BDL AE(S)4A66625BDL(L)(R) | 625 | 460 | 106 | 4.1 | 9 | | | | | 0.75 | 66 |
| AE(P)(F)4A66925BDL AE(S)4A66925BDL(L)(R) | 925 | 682 | 72 | 4.1 | 9 | | | | | 0.75 | 66 |
| 7000 Series | | | | | | | | | | | |
| AE(P)(F)4A771000BDL AE(S)4A771000BDL(L)(R) | 1,000 | 738 | 65 | 5.9 | 13 | P = 324 F = 343 S = 453 | 12.7 13.5 17.8 | 77.5 | 3.1 | 1 | 66 |
| AE(P)(F)4A772500BDL AE(S)4A772500BDL(L)(R) | 2,500 | 1,844 | 25 | 6.8 | 15 | P = 359 F = 379 S = 488 | 14.1 14.9 19.2 | 77.5 | 3.1 | 1 | 66 |
| 8000 Series | | | | | | | | | | | |
| AE(F)4A884200B1DL AE(F)4A884200BDL | 4,200 | 3,100 | 12 | 10.4 | 23 | 410 | 16.1 | 91.2 | 3.6 | B1 = 1 B = 1.5 | 66 |
| AE(F)4A885000BDL | 5,000 | 3,700 | 9.3 | 10.4 | 23 | 410 | 16.1 | 91.2 | 3.6 | 1 | 66 |
| AE(P)(F)4A896500BDL | 6,500 | 4,800 | 7 | 15.0 | 33 | P = 438 F = 462 | 17.2 18.2 | 102.4 | 4 | 1.5 | 66 |
| AE(F)(J)4A898100BDL* | 8,100 | 6,000 | 5 | 15.0 | 33 | F = 462 J = 462 | 18.2 18.2 | 102.4 | 4 | 1.5 | 66 |

* 8,100 Nm - 17,000 Nm models are not supported by the Gen III controller platform. The Gen IV controller platform is required.

HT 360° Swivel Gearcase Dual-Lever/Dual-Trigger Tools

| Dual Lever Model | Approx. Torque | | Approx. Speed RPM | Weight | | Length (incl sq. dr) | | Dia. | | Drive IN | Sound Level dB(A) |
|--|----------------|-------|-------------------|--------|------|--|------------------------------|------|-----|-------------------|-------------------|
| | NM | FT-LB | | KG | LB | MM | IN | MM | IN | | |
| HT Series 360° Swivel Gearcase: Dual-Lever/Dual Trigger Models For Straight Type Tools Only: (L) = Left-Side Handle (R) = Right-Side Handle | | | | | | | | | | | |
| 6000 Series | | | | | | | | | | | |
| AE(P)(F)4B66250BDL AE(S)4B66250BDL(L)(R) | 250 | 185 | 315 | 4.6 | 10.5 | P = 353 F = 369 S = 630 | 13.9 14.5 24.8 | 67.3 | 2.7 | 0.75 | 66 |
| AE(F)4B66425BDL AE(S)4B66425BDL(L)(R) | 425 | 315 | 165 | 4.6 | 10.5 | | | | | | 66 |
| AE(F)4B66625BDL AE(S)4B66625BDL(L)(R) | 625 | 460 | 106 | 4.8 | 10.5 | | | | | | 66 |
| AE(F)4B66925BDL AE(S)4B66925BDL(L)(R) | 925 | 682 | 72 | 4.8 | 10.5 | | | | | | 66 |
| 7000 Series | | | | | | | | | | | |
| AE(P)(F)4B771000BDL AE(D)4B771000BDL(L) AE(S)4B771000BDL(L)(R) | 1,000 | 738 | 65 | 6.6 | 14.5 | P = 361 F = 343 D = 438 S = 492 | 14.2 13.5 17.2 19.4 | 77.5 | 3.1 | 1 | 66 |
| AE(D)4B771800BDL(L) | 1,800 | 1,328 | 28 | 7.5 | 16.5 | 475 | 18.7 | 77.5 | 3.1 | 1 | 66 |
| AE(P)(F)4B772500BDL AE(D)4B772500BDL(L) AE(S)4B772500BDL(L)(R) | 2,500 | 1,844 | 25 | 7.5 | 16.5 | P = 398 F = 379 D = 475 S = 528 | 15.7 14.9 18.7 20.8 | 77.5 | 3.1 | 1 | 66 |
| 8000 Series | | | | | | | | | | | |
| AE(J)4B884200B1DL AE(J)4B884200BDL | 4,200 | 3,100 | 12 | 12.7 | 28 | B1 = 446 B = 451 | B1 = 17.6 B = 17.8 | 91.2 | 3.6 | B1 = 1 B = 1.5 | 66 |
| AE(J)4B885000B1DL AE(J)4B885000BDL | 5,000 | 3,700 | 9 | 12.7 | 28 | B1 = 446 B = 451 | B1 = 17.6 B = 17.8 | 91.2 | 3.6 | B1 = 1 B = 1.5 | 66 |
| AE(J)4W885000B1DL AE(J)4W885000BDL | 5,000 | 3,700 | 4.5 | 12.7 | 28 | B1 = 446 B = 451 | B1 = 17.6 B = 17.8 | 91.2 | 3.6 | B1 = 1 B = 1.5 | 66 |
| AE(J)4U885000B1DL.001 AE(J)4U885000BDL.001 | 5,000 | 3,700 | 5 | 21.8 | 48 | 345 | 13.6 | 91.2 | 3.6 | B1 = 1 B = 1.5 | 66 |
| AE(P)(F)4B896500BDL | 6,500 | 4,800 | 5 | 16.4 | 36 | P = 475 F = 499 | P = 18.7 F = 19.7 | 104 | 4.1 | 1.5 | 66 |
| AE(J)4B898100BDL* | 8,100 | 6,000 | 5 | 16.4 | 36 | 499 | 19.7 | 104 | 4.1 | 1.5 | 66 |

* 8,100 Nm - 17,000 Nm models are not supported by the Gen III controller platform. The Gen IV controller platform is required.

AIMCO can provide customized tooling solutions for even the most unique applications. Let us propose a solution tailored to your needs. Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.

AcraDyne HTXD Extreme Duty High Torque Tools



EXTREME DUTY

Full-Strength Tools for Big Jobs

AcraDyne's HTXD Nutrunner/Gen IV Controller System is one of the Most Accurate High-Torque Bolting Systems in the World

- Measures traceable, dynamic torque directly at the square drive, and the built-in transducer ensures accurate torque values. The torque reported is the torque delivered
- Accuracy not affected by gearing efficiency
- Available in J handle, Pistol handle, and Angle configurations
- Extreme Duty engineering with motors rated for bolting applications near continuous duty
- Patented dual J-Handle models have additional safety features: Operators must use both hands on the trigger simultaneously, eliminating the possibility of accidental tool start and keeping both of the operator's hands out of harm's way
- Wide range of tightening strategies available including Torque Control, Torque plus Angle, Angle Control, and Yield Control



Pistol Model
12,000 Nm



Fixtured Model
6,500 Nm



Fixtured Angle Model
12,000 Nm



J-Handle Model
12,000 Nm



Dual J-Handle Models



12,000 Nm

17,000 Nm
U.S. Patents
D968491
11,229,993

HT Bolting Tools for Extreme Duty

| Model | Series | Approx. Torque | | Approx. Speed | Weight * | | Length (incl sq. dr) | | Dia. | Drive | Sound Level | |
|--|--------|----------------|--------|---------------|----------|------|----------------------|------|------|-------|-------------|----|
| | | NM | FT-LB | RPM | KG | LB | MM | IN | MM | IN | dB(A) | |
| AEJ = J Handle/Axial Type AEP = Pistol Type AEF = Fixtured Type Single-Handle Models Standard. Add "DL" to Model Numbers for Dual Lever (AEJ models only) | | | | | | | | | | | | |
| Fixtured Gearcase | | | | | | | | | | | | |
| AEF4A996500B | 9000 | 6,500 | 4,800 | 5.8 | 19 | 42 | 494 | 19.5 | 104 | 4.1 | 1.5 | 66 |
| 360° Swivel Gearcase | | | | | | | | | | | | |
| AEP4W998100B | 9000 | 8,100 | 6,000 | 2.3 | 21.8 | 48 | 544 | 21.4 | 104 | 4.1 | 1.5 | 66 |
| AEJ4W998100B | 9000 | 8,100 | 6,000 | 2.3 | 21.8 | 48 | 544 | 21.4 | 104 | 4.1 | 1.5 | 66 |
| AEJ4U998100BDL | 9000 | 8,100 | 6,000 | 2.3 | 21.8 | 48 | 427 | 16.8 | 104 | 4.1 | 1.5 | 66 |
| AEP4W9X12000B | 9X | 12,000 | 8,850 | 2 | 31.8 | 70 | 572 | 22.5 | 131 | 5.2 | 1.5 | 66 |
| AEJ4W9X12000B | 9X | 12,000 | 8,850 | 2 | 31.8 | 70 | 572 | 22.5 | 131 | 5.2 | 1.5 | 66 |
| AEJ4U9X12000BDL | 9X | 12,000 | 8,850 | 2 | 31.8 | 70 | 441 | 17.4 | 131 | 5.2 | 1.5 | 66 |
| AEP4W9Y17000B | 9Y | 17,000 | 12,500 | 1 | 42.6 | 94 | 381 | 15 | 153 | 6.0 | 2.5 | 66 |
| AEJ4U9Y17000BDL | 9Y | 17,000 | 12,500 | 1 | 42.6 | 94 | 458 | 18 | 153 | 6.0 | 2.5 | 66 |
| Angle Tools | | | | | | | | | | | | |
| Fixtured Gearcase | | | | | | | | | | | | |
| AEF4N9X10000B | 9X | 10,000 | 7,375 | 3 | 28.2 | 62.2 | 422 | 16.6 | 131 | 5.2 | 1.5 | 66 |
| AEF4N9X12000B | 9X | 12,000 | 8,850 | 1.65 | 28.1 | 61.9 | 422 | 16.6 | 131 | 5.2 | 1.5 | 66 |

* Weight is tool only w/o Socket and Reaction Bar



iEC4WF Field Controller

AcraDyne HTXD Extreme Duty High Torque Tools



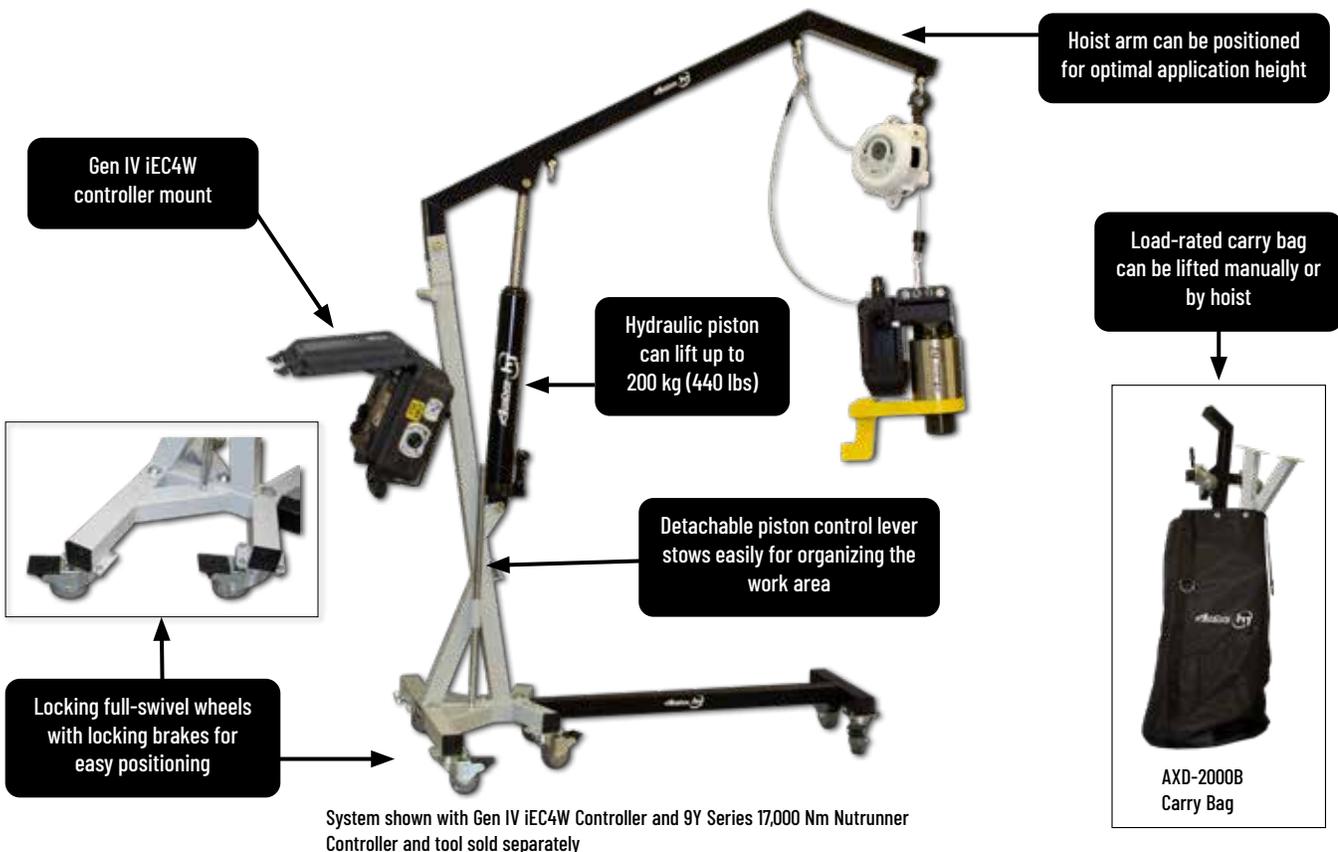
EXTREME DUTY

Ultimate Operator Safety for Lifting Larger Bolting Tools

AcraDyne's XD Lift Assist device for tool suspension and use allows for easy handling of equipment that otherwise would need two operators to position.

FEATURES AND BENEFITS

- Lift can be assembled/disassembled in less than 15 minutes
- Can be used inside wind turbines at deck platforms
- Designed for a wide variety of applications including narrow tower platforms and ladder spaces
- Lift Assist weighs 30 kg / 67 lbs
- Weight of unit is below the weight allowed to be lifted by personnel inside or outside the tower
- Disassembled Lift Assist is transported in a load-rated bag that can be lifted manually or by hoist within the tower
- Device is rated for loads up to 200 kg / 440 lbs
- Full-swivel wheels with locking brakes make movement and repositioning easy



AcraDyne Gen IV Field Controller

Improved design of AcraDyne's powerful Gen IV Field Controller means increased durability, lighter weight, and quick and easy setup



iEC4WF Field Controller

Rugged, Lightweight Case

FEATURES AND BENEFITS

- Optimized for extreme duty applications >5,000 Nm
- The Gen IV Controller utilizes three tightening strategies:
 - Torque Control: Drive the tool to a pre-set Target Torque
 - Angle Control: Drive the tool to or measure a pre-set Degree of Angle
 - Yield Control: Drive the tool to the Fastener Yield Point to achieve maximum clamp load
- Multiple fastening strategies – Program up to 256 parameters with as many as 20 steps
- Jobs capability – 99
- Real-time curve viewing. Curve storage – 20,000
- Rundown storage – 1,000,000
- Event log – 5,000
- Backup & restore through USB
- Weatherproof, rugged case protects from the toughest environments
- Compact design weighs less than 20 lbs
- Ground clamp is quick and easy to set up and eliminates additional parts that are substantially heavy
- Optional tool fan kit helps prevents tool overheating
- Capable of interface with the AcraDyne series Dual-Lever tools that offer two-hand, no tie down functionality
- 110V – 220V compatible
- Single Ethernet port increases speed of connectivity, signal stability, and signal consistency
- Commands any tool in the AcraDyne line from 1 Nm to 17,000 Nm, all with one cable

PERQ Advantages

- | | |
|----------------------------|--|
| <p>PRODUCTIVITY</p> | <ul style="list-style-type: none"> • Replace multiple conventional tools with one flexible controlled system • Quick and easy setup • Fan kit reduces downtime due to tool overheating |
| <p>ERGONOMICS</p> | <ul style="list-style-type: none"> • Compact, rugged case with easy carry handle makes field use easy and convenient • Lightweight for operator comfort |
| <p>RELIABILITY</p> | <ul style="list-style-type: none"> • Weatherproof rugged case • Industrial touch screen |
| <p>QUALITY</p> | <ul style="list-style-type: none"> • Controlled tightening and consistent torque control improves quality • Process controls reduce human error, and ensure no missed fasteners, stripped threads, rehits, or damaged threads • No premature shut-off |

| Model | Description | Dimensions W x D x H | Weight | |
|--------|--|--|--------|-----|
| | | | LB | KG |
| iEC4WF | Field use controller for use with 110V or 220V service | 16.1" x 12.8" x 6.9" 408 mm x 326 mm x 175 mm | 18.5 | 8.4 |



NOSE EXTENSIONS

FEATURES AND BENEFITS

- Ideal for hard-to-reach applications when a torque tube, or arm, is not desirable
- A cost-effective, more flexible option compared to a multiple spindle system
- Common applications:
 - Wheel install and repair stations
 - Large flange assembly
 - Mining vehicle shovel bolts
 - Railway equipment maintenance
 - Oil and gas industry well fixtures



28050



28480

HT GEARHEAD TOOLS

FEATURES AND BENEFITS

- Application-specific, custom made tools fit virtually any application
- Same durable gearing as found on AcraDyne's standard HT series tools
- Model types available:
 - HT Offset Gearhead tools
 - HT Right Angle with Offset Gearhead tools
 - HT Right Angle Air tools with Offset Gearhead

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



AcraDyne High Torque Accessories

ACCESSORIES

Custom accessories are available for your application; contact an AIMCO Customer Service Associate for details, 1-503-254-6600, or toll free 1-800-852-1368.



REACTION BARS



HT tool includes a 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.

| | Model | Description |
|--|------------------------|----------------------------|
|  Single Ended Flat | 26810 | 6000 Series |
| | 26800 | 7000 Series |
| | 25277 | 8000 Series |
| | 27255 | 9000 Series |
| | 30303 | X Series |
|  Single Ended Offset | 26815 | 2.375" Offset, 6000 Series |
| | 26885 | 4.00" Offset, 6000 Series |
| | 27200 | 3.10" Offset, 7000 Series |
| | 26890 | 4.00" Offset, 7000 Series |
| | 25274 | 3.35" Offset, 8000 Series |
| | 25275 | 4.00" Offset, 8000 Series |
| | 26840 | 3.35" Offset, 9000 Series |
| 30306 | 5.00" Offset, X Series | |
| 31273 | 5.00" Offset, Y Series | |
|  T-Shaped Offset | 27335 | 3.2" Offset, 8000 Series |
|  Double Ended Flat | 26830 | 6000 Series |
| | 26820 | 7000 Series |
| | 25278 | 8000 Series |
|  Double Ended Offset | 25276 | 3.35" Offset, 8000 Series |

PROTECTIVE COVERS

Durable protective covers prevent marring and damage.



| Model | Description |
|---------|-------------------------------|
| BJ10078 | Protective Cover, 6000 Series |
| BJ10077 | Protective Cover, 7000 Series |
| BJ10076 | Protective Cover, 8000 Series |

| Model | Description |
|-------|--|
| 26477 | Swivel Bail, 6000 Series |
| 26327 | Swivel Bail, 7000 Series |
| 25287 | Swivel Bail, 8000 Series |
| 26630 | Swivel Bail, 8000/9000 Series Tools |
| 26478 | Swivel D-Handle, 6000 Series |
| 26328 | Swivel D-Handle, 7000 Series |
| 25291 | Swivel D-Handle, 8000 Series |
| 26479 | Stationary Bail, 6000 series (26336 handle not included) |
| 26332 | Stationary Bail, 7000 series (26336 handle not included) |
| 25289 | Stationary Bail, 8000 series (26336 handle not included) |
| 26336 | Fixed Handle (for use with 26479, 26332, 25289) |
| 26337 | Rear Fixed Hoist Ring, 6000/7000/8000 Series Pistols |
| 28514 | Rear Folding Hoist Ring Kit for 8000 Series Pistols |
| 28549 | Sliding Spindle, 6000 Series |
| 27045 | Sliding Spindle, 7000 Series |
| 30300 | Sliding Spindle, 8000 Series |

HEAVY DUTY WATER-RESISTANT CASE FOR HT TOOLS



Case with molded foam insert

Made of ultra high-strength polypropylene copolymer resin, this water resistant utility case protects AcraDyne HT tools.

- Molded-in hinge, trigger-release latch system, and snap-down cushion grip handle
- Resistance to UV, solvents, corrosion, and impact damage

| Model | Compatible Tools | Description |
|-------------|------------------|-------------------------|
| CC-6000-FIP | 6000 series | Case with foam in place |
| CC-7000-FIP | 7000 series | Case with foam in place |
| CC-8000-FIP | 8000 series | Case with foam in place |

Please contact an AIMCO Customer Service Associate for details, 1-503-254-6600, or toll free 1-800-852-1368.

DC Tools: Tool/Spindle Selection Guide

| Model | RPM** | Length | | Weight | | Torque, Nm | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|--------|-------|--------|-------|------------|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| | | IN | MM | LB | KG | 5 | 10 | 15 | 20 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 275 | 300 | 325 | 350 | 375 | 400 | 425 | 450 | |
| Angle | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AEN4C12004B | 3,111 | 11.65 | 295.9 | 2.0 | 0.91 | █ | | | | | | | | | | | | | | | | | | | | | | |
| AEN4C12009B | 1,750 | 11.00 | 279.5 | 2.2 | 1.00 | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| AEN4C12014B | 875 | 11.66 | 296.4 | 2.2 | 1.00 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | |
| AEN4C12018B | 691 | 11.66 | 296.4 | 2.2 | 1.00 | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| AEN4C12022B | 560 | 11.66 | 296.4 | 2.2 | 1.00 | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AEN32015C | 1,481 | 14.6 | 371.0 | 2.7 | 1.22 | | █ | █ | | | | | | | | | | | | | | | | | | | | |
| AEN32025C | 833 | 14.6 | 371.0 | 2.7 | 1.22 | | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| AEN32030C | 803 | 14.4 | 366.2 | 2.8 | 1.27 | | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AEN32040C | 574 | 14.4 | 366.2 | 2.8 | 1.27 | | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | |
| AEN33042C | 1,095 | 16.6 | 422.3 | 4.4 | 2.00 | | | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AEN33053C | 1,095 | 16.6 | 422.3 | 4.4 | 2.00 | | | █ | █ | █ | █ | | | | | | | | | | | | | | | | | |
| AEN33060C | 845 | 18.9 | 480.5 | 6.6 | 2.99 | | | | █ | █ | █ | █ | | | | | | | | | | | | | | | | |
| AEN33090C | 568 | 18.9 | 480.5 | 6.6 | 2.99 | | | | | █ | █ | █ | █ | | | | | | | | | | | | | | | |
| AEN33120C | 442 | 21.0 | 533.5 | 9.3 | 4.22 | | | | | | █ | █ | █ | █ | | | | | | | | | | | | | | |
| AEN33200C | 245 | 23.2 | 589.6 | 9.4 | 4.26 | | | | | | | █ | █ | █ | █ | █ | | | | | | | | | | | | |
| AEN33210C | 234 | 23.6 | 599.9 | 10.0 | 4.54 | | | | | | | | █ | █ | █ | █ | █ | | | | | | | | | | | |
| AEN33300C | 151 | 23.6 | 599.0 | 10.0 | 4.54 | | | | | | | | | █ | █ | █ | █ | █ | █ | | | | | | | | | |
| AEN33375C | 151 | 23.6 | 599.0 | 10.0 | 4.54 | | | | | | | | | | █ | █ | █ | █ | █ | █ | █ | | | | | | | |
| AEN35090B | 607 | 22.6 | 573.7 | 6.9 | 3.13 | | | | | | | | | | | █ | █ | █ | █ | █ | █ | | | | | | | |
| AEN35140B | 472 | 22.5 | 571.9 | 10.4 | 4.72 | | | | | | | | | | | | █ | █ | █ | █ | █ | | | | | | | |
| AEN35175B | 384 | 22.5 | 571.9 | 10.5 | 4.76 | | | | | | | | | | | | | █ | █ | █ | █ | █ | | | | | | |
| AEN35225B | 291 | 22.9 | 581.1 | 12.3 | 5.58 | | | | | | | | | | | | | | █ | █ | █ | █ | █ | | | | | |
| AEN35285B | 236 | 22.9 | 581.1 | 12.3 | 5.58 | | | | | | | | | | | | | | | █ | █ | █ | █ | █ | | | | |
| AEN35350B | 191 | 22.9 | 581.1 | 12.3 | 5.58 | | | | | | | | | | | | | | | | █ | █ | █ | █ | █ | | | |
| Inline | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AES4A12003BQ | 2,625 | 11.12 | 282.7 | 2.0 | 0.91 | █ | | | | | | | | | | | | | | | | | | | | | | |
| AES4A12006BQ | 2,625 | 11.12 | 282.7 | 2.0 | 0.91 | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| AES4A12011BV | 1,313 | 11.44 | 290.5 | 2.2 | 1.00 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | |
| AES4A12014BV | 1,037 | 11.44 | 290.5 | 2.2 | 1.00 | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| AES4A12018BV | 840 | 11.44 | 290.5 | 2.2 | 1.00 | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AES4A12022BV | 656 | 11.44 | 290.5 | 2.2 | 1.00 | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | |
| AES32010CV | 2,222 | 13.9 | 351.7 | 2.5 | 1.13 | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| AES32020CV | 1,250 | 13.9 | 351.7 | 2.5 | 1.13 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | |
| AES32025CV | 893 | 13.9 | 351.7 | 3.2 | 1.45 | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| AES32038CV | 595 | 16.7 | 424.0 | 4.2 | 1.91 | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AES33040CV | 1,314 | 18.2 | 463.4 | 6.4 | 2.90 | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AES33060CV | 883 | 18.2 | 463.4 | 6.4 | 2.90 | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | |
| AES33100CV | 489 | 22.6 | 573.0 | 8.1 | 3.67 | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | |
| AES33150CV | 329 | 22.6 | 573.0 | 8.1 | 3.67 | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | |
| AES33230CV | 221 | 22.6 | 573.0 | 8.1 | 3.67 | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | |
| AES33230C-2 | 221 | 22.6 | 573.0 | 8.1 | 3.67 | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | |
| AES33400CV | 122 | 24.9 | 632.5 | 13.0* | 5.90* | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ |
| AES33600CV** | 82 | 24.9 | 632.5 | 13.0* | 5.90* | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ |
| AES35075AV | 944 | 21.9 | 555.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35090AV | 767 | 21.9 | 555.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35110AV | 634 | 21.9 | 555.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35135AV | 515 | 21.9 | 555.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35170AV | 418 | 21.9 | 555.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35280A | 236 | 24.2 | 615.1 | 12.8 | 5.81 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35350A | 192 | 24.2 | 615.1 | 12.8 | 5.81 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35420A | 159 | 24.2 | 615.1 | 12.8 | 5.81 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35515A**** | 129 | 24.2 | 615.1 | 12.8 | 5.81 | | | | | | | | | | | | | | | | | | | | | | | |
| AES35635A**** | 104 | 24.2 | 615.1 | 12.8 | 5.81 | | | | | | | | | | | | | | | | | | | | | | | |

Recommended Torque Range

* Includes reaction bar and fixture nut.
 ** Torque Range: 120-480 Nm Max Torque: 600 Nm
 *** Torque Range: 128-515 Nm
 **** Torque Range: 159-635 Nm

Continued on next page

DC Tools: Tool/Spindle Selection Guide

| Model | RPM** | Length | | Weight | | Torque, Nm | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------|--------|-------|--------|------|------------|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | | IN | MM | LB | KG | 5 | 10 | 15 | 20 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 275 | 300 | 325 | 350 | 375 | 400 | 425 | 450 | | |
| Pistol | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP4_12003B_ | 2,625 | 7.3 | 186.3 | 2.2 | 1.00 | █ | | | | | | | | | | | | | | | | | | | | | | | |
| AEP4_12006B_ | 2,625 | 7.3 | 186.3 | 2.2 | 1.00 | █ | █ | | | | | | | | | | | | | | | | | | | | | | |
| AEP4_12011BV | 1,313 | 8.0 | 203.3 | 2.3 | 1.04 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| AEP4_12014BV | 1,037 | 8.0 | 203.3 | 2.3 | 1.04 | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | | |
| AEP4_12018BV | 840 | 8.0 | 203.3 | 2.3 | 1.04 | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| AEP4_12022BV | 656 | 8.0 | 203.3 | 2.3 | 1.04 | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AEP4_22020BV | 1,313 | 8.7 | 219.9 | 2.4 | 1.09 | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| AEP4_22025BV | 1,037 | 8.7 | 219.9 | 2.4 | 1.09 | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | |
| AEP4_22030BV | 840 | 8.7 | 219.9 | 2.4 | 1.09 | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | |
| AEP4_22035BV | 747 | 8.7 | 219.9 | 2.4 | 1.09 | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | |
| AEP4_22040BV | 656 | 8.7 | 219.9 | 2.4 | 1.09 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | |
| AEP35075AV | 944 | 16.0 | 405.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35090AV | 767 | 16.0 | 405.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35110AV | 634 | 16.0 | 405.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35135AV | 515 | 16.0 | 405.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35170AV | 418 | 16.0 | 405.2 | 9.2 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35280A | 236 | 18.4 | 468.2 | 13.6 | 6.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35350A | 192 | 18.4 | 468.2 | 13.6 | 6.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35420A | 159 | 18.4 | 468.2 | 13.6 | 6.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35515A* | 129 | 18.4 | 468.2 | 13.6 | 6.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| AEP35635A** | 104 | 18.4 | 468.2 | 13.6 | 6.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| TubeNut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AET4A12018B | 516 | 15.41 | 288.1 | 3.1 | 1.41 | █ | █ | | | | | | | | | | | | | | | | | | | | | | |
| AET4A12025B | 387 | 15.41 | 288.1 | 3.1 | 1.41 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| AET4A12025B-KD | 387 | 15.9 | 404.9 | 3.1 | 1.41 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| AET32020C | 622 | 17.2 | 436.4 | 3.1 | 1.41 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| AET32025C | 466 | 17.8 | 450.9 | 4.0 | 1.81 | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | | |
| AET32035C | 347 | 18.1 | 460.5 | 4.5 | 2.04 | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| AET32050C | 257 | 18.8 | 478.0 | 5.6 | 2.54 | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |

* Torque Range: 128 - 515 Nm
 ** Torque Range: 159 - 635 Nm

Recommended Torque Range



High Torque Series

| Model Number Ending In | RPM** | Length | | Weight | | Torque, Nm | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|-------------|-------------|---------|-------------|------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|---|---|---|
| | | IN | MM | LB | KG | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 850 | 1100 | 1300 | 1500 | 2000 | 2500 | 3000 | 4000 | 5000 | 6500 | 8100 | 12000 | 17000 | | | |
| 66250B (DL) | 315 | 12.4 - 24.8 | 314 - 630 | 9 - 12 | 3.9 - 5.3 | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| 66425B (DL) | 165 | 12.4 - 24.8 | 314 - 630 | 9 - 12 | 3.9 - 5.3 | █ | █ | █ | | | | | | | | | | | | | | | | | | | | |
| 66625B (DL) | 106 | 12.4 - 24.8 | 314 - 630 | 9 - 12 | 4.1 - 5.5 | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| 66925B (DL) | 72 | 12.4 - 24.8 | 314 - 630 | 9 - 12 | 4.1 - 5.5 | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| 771000B (DL) | 65 | 12.7 - 19.4 | 324 - 492 | 13 - 16 | 5.9 - 7.3 | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | | |
| 771800BDL | 28 | 18.7 | 475 | 7.5 | 16.5 | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | | |
| 772500B (DL) | 25 | 14.1 - 20.8 | 359 - 528 | 15 - 18 | 6.8 - 8.2 | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | | |
| 872800B | 9 | 16 - 17 | 406 - 430 | 22 | 10 | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | | |
| 884200B1 (DL) | 12 | 410 - 446 | 16.1 - 17.6 | 23 - 26 | 10.4 - 11.8 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | | |
| 884200B (DL) | 12 | 410 - 446 | 16.1 - 17.6 | 24.5 | 11.1 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | | |
| 885000B1 | 4.5 | 16.6 - 17.6 | 422 - 446 | 26 | 11.8 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | | |
| 885000B | 4.5 | 16.6 - 17.6 | 422 - 446 | 26 | 11.8 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | |
| 885000BDL | 9.3 | 16.1 | 410 | 23 | 10.4 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | | |
| 896500B (DL) | 5 - 7 | 17.2 - 19.7 | 438 - 499 | 33 - 36 | 15 - 16.4 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | | |
| 898100B (DL) | 5 | 18.2 - 20.9 | 462 - 532 | 33 - 36 | 15 - 16.4 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | |
| 996500B | 5.8 | 19.5 | 494 | 42 | 19 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | | |
| 998100B (DL) | 2.3 | 21.4 | 544 | 48 | 21.8 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | | |
| 9X12000B (DL) | 2 | 17.4 - 22.5 | 441 - 572 | 70 | 31.8 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | | |
| 9Y17000B (DL) | 1 | 15 - 18 | 381 - 458 | 94 | 42.6 | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ |

Recommended Torque Range

AcraDyne Accessories

CABLE ASSEMBLIES

The AcraDyne DC electric nutrunner tool system uses a single cable to carry all necessary conductors for superior ergonomics and durability.

- Flexible polyurethane cover for maximum durability, abrasion and transmission fluid resistant
- Quick disconnects at both ends facilitate tool changeover and troubleshooting
- The CAN data/signal is via RJ45 for products such as the KDM socket tray or computer



| Model | Description | Length | |
|--------------------|-----------------------------------|--------|------|
| | | M | Ft |
| Tool Cables | | | |
| 24330 | G3/G4 Tool Cable 3M | 3 | 9.8 |
| 25350 | G3/G4 Tool Cable 5M | 5 | 16.4 |
| 24320 | G3/G4 Tool Cable 10M | 10 | 32.8 |
| 27110 | G3/G4 Tool Cable 3M Lightweight* | 3 | 9.8 |
| 27115 | G3/G4 Tool Cable 5M Lightweight* | 5 | 16.4 |
| 27122 | G3/G4 Tool Cable 10M Lightweight* | 10 | 32.8 |
| Extensions | | | |
| 24320 | Extension cable 10M | 10 | 32.8 |
| 25518 | Extension cable 20M | 20 | 65.6 |

*Lightweight cables are for use only with 1000 & 2000 Series tools.

CABLE ADAPTERS AND CONNECTORS

| Model | Description |
|--------------------------------|--|
| Adapters and Connectors | |
| | 26364 G3/G4 Right Angle Cable Adapter |
| | 25491 G3/G4 Breakaway Cable Connector - Ensures disconnect of cable should stress in excess of 40 lbs. occur (see below) |
| | 30355 Y Cable Harness connects G4 iAC controller and controller's I/O to tool's EC/MCCBL cable. Compatible with UA-40S(D)MC, UA-50S(D)MC, UA-60S(D)MC, UA-70SMC, and UA-150MC tools. |

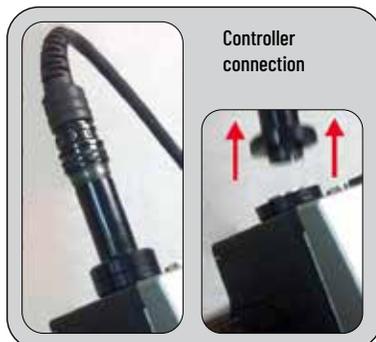
DATA INTERFACE OPTION

| Model | Description |
|-------------------------------|--|
| Data Interface Options | |
| | 27348 I/O Wiring Connector - Simple module to facilitate connections to I/O on iEC Controllers |
| | 28292 System Port Cable, USB 2.0 Cable, A Male to B Male, 3M |

BREAKAWAY CABLE CONNECTOR

Innovative Quick Disconnect Device reduces cable damage from dropping tools or pulling cables when in use.

- Easily snaps into place, using magnetic force, at either the tool or the controller
- Adjust holding force by removing or adding magnets. Max holding force is 40 lbs / 18 kg



GEN IV CONTROLLER CHOKE ASSEMBLY

| Model | Description |
|-------|--|
| | 32400 Choke filter for the Gen IV Controller Power Cable reduces trip occurrences of sensitive GFCI breakers |

LIGHT TOWER

Cost- and energy-efficient LED light tower is visible from any direction, angle, and distance

- Two built-in alarms (FB Type) with selectable sound patterns
- Adjustable Volume (Max. 85 dB at 1 m)
- Tower includes red, yellow, green, blue, and clear lenses



AcraDyne Accessories

FRL ASSEMBLY KIT

For use with the iAC controller, AcraDyne's FRL assembly kit includes a regulator and solenoid. The kit attaches to the controller or can operate as a stand-alone unit.



Top view



30850 FRL Assembly Kit

ANGLE TOOL BODY JACKETS

Keep tools protected with AIMCO's tool Body Jackets.



| Model | Description |
|---------|---|
| BJ10051 | For 1000 series angle tools |
| BJ10052 | For 2015, 2025 series angle tools |
| BJ10053 | For 2030, 2040, 2055 series angle tools |
| BJ10054 | For 3060, 3090 series angle tools |
| BJ10055 | For 3120, 3200 series angle tools |

SOCKET TRAYS

Socket trays, for use with iEC and UEC Controllers, are supplied with blank socket pucks machined to fit specific sockets for the application. AIMCO provides this machining as an additional service. When ordering, please specify the outer dimensions of the sockets you plan to use, and whether you would like a quote for the machining service.

- Simply remove the assigned socket to select the application to be run
- Quick and easy set up. Parameters assigned to socket position automatically
- Optional self-illuminating socket receptacles
- Delrin® blanks may be easily machined by the customer to accommodate custom socket profiling
- Nothing to break, wear out, or maintain
- Proximity sensors detect presence of socket



| Model | Description |
|------------|---|
| AMPST-2-I | 2-Position Socket Tray for iEC Controllers, 2 x 1, 1.25" Socket |
| AMPST-2-U | 2-Position Socket Tray for UEC Controllers, 2 x 1, 1.25" Socket |
| AMPST-4-I | 4-Position Socket Tray for iEC Controllers, 2 x 2, 1.25" Socket |
| AMPST-4-U | 4-Position Socket Tray for UEC Controllers, 2 x 2, 1.25" Socket |
| AMPST-6S-I | 6-Position Socket Tray for iEC Controllers, 6 x 1, 1.25" Socket |
| AMPST-6S-U | 6-Position Socket Tray for UEC Controllers, 6 x 1, 1.25" Socket |
| AMPST-6-I | 6-Position Socket Tray for iEC Controllers, 3 x 2, 1.25" Socket |
| AMPST-6-U | 6-Position Socket Tray for UEC Controllers, 3 x 2, 1.25" Socket |
| AMPST-8-I | 8-Position Socket Tray for iEC Controllers, 4 x 2, 1.25" Socket |
| AMPST-8-IL | 8-Position Socket Tray for iEC Controllers, 4 x 2, 2.0" Socket |
| AMPST-8-U | 8-Position Socket Tray for UEC Controllers, 4 x 2, 1.25" Socket |

Socket trays with 6 - 8 positions are available in varied configurations to suit workspace requirements (straight or double rows). Tell your AIMCO representative your specific requirements when inquiring.

BAR CODE SCANNER

Sturdy bar code scanners allow you to easily scan small, stacked, or poorly printed, one-dimensional bar codes. Kit includes a cradle, power supply, and USB/Ethernet cable.



28859
Bluetooth®-Enabled
Scanner Kit

- Scratch proof, tempered glass exit window
- Single-circuit board construction eliminates common interconnection failures
- Industrial long-life charging contacts can withstand 250,000+ insertions into cradle
- Wireless scanner enables users to hold scanner at any angle

| Model | Description |
|-------|-----------------------------------|
| 20400 | RS232 Barcode Reader Kit |
| 28859 | RS232 Wireless Barcode Reader Kit |

AcraDyne Accessories

CONTROLLER BRACKETS



20853



27816

| Model | Description |
|-------|---|
| 20853 | Table stand free standing platform |
| 27816 | Mounting bracket with internal wireways |

TOOL BAILS

- AcraDyne's spring bails are designed for use with any of the AcraDyne 1000, 2000, or 3000 Series tools
- Spring bails snap on quickly and firmly at any place on the body of the tool for perfect balance and secure suspension

| Model | Description |
|---|---|
|  | 27791 Rotating Bail Assembly for 1000 Series Tools |
|  | 26568 Cable Bail to Hang Tool Vertically for Gen III Cables |
|  | 21208 Spring Bail for 2000 Series Tools |
|  | 23662 Rotating Bail for 2000 Series Tools |
|  | 23575 Rotating Bail for 3000 Series Tools |

MOUNTING BRACKETS

| Model | Description |
|---|---|
|  | 25717 Mounting Bracket for 1000 Series Angle Tools |
|  | 25843 Mounting Bracket for 1000 Series Push-To-Start Tools |
|  | 26443 Mounting Bracket for 1000/2000 Series Straight and Pistol Tools |
|  | 24824 Mounting Flange for 1000/2000 Series Straight and Pistol Tools |
|  | 28622 Mounting Flange for 2000 Series Inline Tools |
|  | 30351 Mounting Bracket, Drive End for 2000 Series Inline Tools |
|  | 25718 Mounting Bracket for 3000/5000 Series Angle Tools |
|  | 26570 Mounting Bracket for 3000/5000 Series Straight Tools |
|  | 26394 Mounting Flange for 5000 Series |

TOOL STORAGE

Tool baskets and tool hangers are a great way to keep a tool in place when not being used.

UNIVERSAL TOOL BASKET

Interchangeable among angle head and pistol grip tool models throughout the industry.



21226

VERTICAL TOOL HANGER

Designed for AcraDyne Gen 1/Gen 2 tools.



21159

AcraDyne Cordless AB Series

AcraDyne Cordless AB Series INNOVATIVE TOOLS IN A POWERFUL PACKAGE

AcraDyne's high-performance cordless tools deliver precise torque and/or angle to the fastener. Innovative technology guarantees repeatable torque results every time, ensuring you meet your most important goal – creating quality products. The tools are available in two model types:



FEATURES AND BENEFITS OF ALL AB TOOLS

- Self-Controlling Tools
Can run stand alone or in conjunction with an iBC ACE Platform controller as a line interface (see page 9)
- Tool programming done with no-cost AcraDyne Tool Manager software using USB cable interface to PC
- Selectable vibration alarm provides tactile feedback
- 99 programs with 6 steps per program available
- Job functionality for sequencing and/or bolt counting
- Programmable
 - Torque
 - Angle
 - RPM
 - Time
 - Fastening direction
- Multicolor LED status screen
- 150,000 results stored on-board

TORQUE RANGES

AB-MTA

- Pistol Tool: 1.0 – 12 Nm
- Straight Tool: 1.0 – 12 Nm
- Angle Tool: 2.5 – 85 Nm

AB-CTA

- Pistol Tool: 1.5 – 5,000 Nm*
- Straight Tool: 1.5 – 12 Nm
- Angle Tool: 1.5 – 120 Nm*

* Torque ranges for pistol & angle tools include Ultra Torque models on page 49

AcraDyne Cordless AB Series



AB-MTA Series Clutch Shut-Off Tool

Measures Torque and Reports Angle

The AB-MTA Series controls torque to the fastener with a precision Clutch Shut-Off mechanism. This technology increases productivity by allowing the tool to run at higher speeds and with minimal overshoot. The highly accurate clutch reduces torque reaction transmitted to the operator through its speed of shut-off at the moment reaction forces are generated.



AcraDyne Cordless AB-MTA Series Tools

| Model | Torque Range | | Max Speed RPM | Drive Type | Weight W/O Battery | | Tool Dimensions | | | | | | | |
|---------------------------|--------------|------------|------------------|---------------|-----------------------|------|-----------------|-----|------|-----|------|-----|-----|-----|
| | NM | FT-LB | | | KG | LB | A | | B | | C | | D | |
| | | | | | | | IN | MM | IN | MM | IN | MM | IN | MM |
| Pistol | | | | | | | | | | | | | | |
| ABP-MTA06(O)(WQ)(BQ)(WBQ) | 1.0 - 6 | 0.8 - 4.4 | 1,100 | 1/4" QC | 1.25 | 2.75 | 9.1 | 230 | 1.02 | 26 | 8.56 | 218 | 4.5 | 115 |
| ABP-MTA12(O)(WQ)(BQ)(WBQ) | 2.3 - 12 | 1.7 - 8.9 | 629 | 1/4" QC | 1.25 | 2.75 | 9.1 | 230 | 1.02 | 26 | 8.56 | 218 | 4.5 | 115 |
| Straight | | | | | | | | | | | | | | |
| ABS-MTA06(O)(WQ)(BQ)(WBQ) | 1.0 - 6 | 0.8 - 4.4 | 1,100 | 1/4" QC | 1.0 | 2.2 | 17.2 | 437 | 3.19 | 81 | 0.79 | 20 | 4.5 | 115 |
| ABS-MTA12(O)(WQ)(BQ)(WBQ) | 2.3 - 12 | 1.7 - 8.9 | 629 | 1/4" QC | 1.1 | 2.4 | 17.2 | 437 | 3.19 | 81 | 0.79 | 20 | 4.5 | 115 |
| Angle | | | | | | | | | | | | | | |
| ABN-MTA10(W)(B)(WB) | 2.5 - 10 | 1.9 - 7.4 | 629 | 3/8" Sq. | 1.35 | 3.0 | 17.9 | 455 | 3.94 | 100 | 1.12 | 29 | 4.5 | 115 |
| ABN-MTA55(W)(WB) | 13 - 55 | 9.6 - 40.6 | 94 | 3/8" Sq. | 2.7 | 6.0 | 22.5 | 572 | 7.7 | 196 | 1.65 | 42 | 4.5 | 115 |
| ABN-MTA85(W)(B)(WB) | 23 - 85 | 17 - 63 | 70 | 3/8" Sq. | 2.9 | 6.4 | 25.9 | 658 | 10.2 | 259 | 1.8 | 46 | 4.5 | 115 |

W = WiFi option B = Barcode option Q = Quick Change



For simple adjustment, the MTA series provides easy clutch access.



CTA Series Transducer Shut-Off Tool

Controls Torque and Angle

The AB-CTA Series provides the most sophisticated option in the AcraDyne cordless tool line. The Transducer Shut-Off means precise torque measurement with high accuracy and traceable results. Transducer shut-off allows speed adjustment and provides the ability to reject conditions such as cross threads and double hits on a fastener.

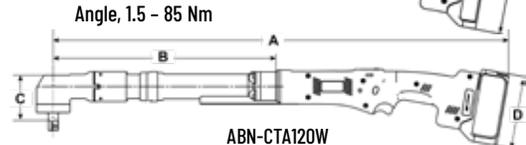
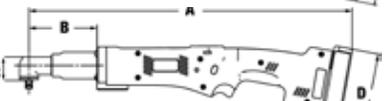
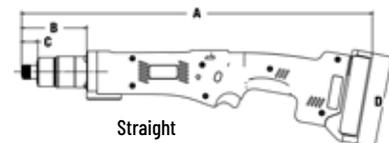
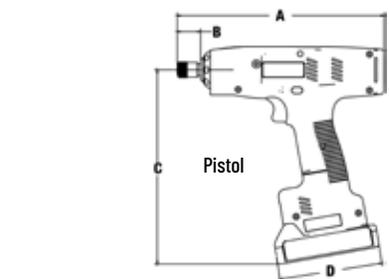


AcraDyne Cordless AB-CTA Series Tools

| Model | Torque Range | | Max Speed RPM | Sq. Dr. IN | Weight W/O Battery | | Tool Dimensions | | | | | | | |
|---|--------------|-------------|------------------|---------------|-----------------------|-----|-----------------|-----|------|-----|------|-----|-----|-----|
| | NM | FT-LB | | | KG | LB | A | | B | | C | | D | |
| | | | | | | | IN | MM | IN | MM | IN | MM | IN | MM |
| Pistol | | | | | | | | | | | | | | |
| ABP-CTA12(O)(WQ)(WBQ) | 1.5 - 12 | 1.1 - 8.9 | 629 | 1/4" QC | 1.15 | 2.5 | 9.1 | 230 | 1.02 | 26 | 8.56 | 218 | 4.5 | 115 |
| For 120 - 5,000 Nm Pistol Tools, see Ultra Torque models on page 49 | | | | | | | | | | | | | | |
| Straight | | | | | | | | | | | | | | |
| ABS-CTA12(WQ) | 1.5 - 12 | 1.1 - 8.9 | 570 | 1/4" QC | 0.95 | 2.1 | 17.2 | 437 | 3.19 | 81 | 0.79 | 20 | 4.5 | 115 |
| Angle | | | | | | | | | | | | | | |
| ABN-CTA10(W)(B)(WB) | 1.5 - 10 | 1.1 - 7.4 | 570 | 1/4" Sq. | 1.35 | 3.0 | 17.9 | 455 | 3.94 | 100 | 1.12 | 29 | 4.5 | 115 |
| ABN-CTA12(W)(B)(WB) | 2.5 - 12 | 1.8 - 8.9 | 420 | 3/8" Sq. | 1.4 | 3.1 | 18.1 | 461 | 4.14 | 105 | 1.29 | 33 | 4.5 | 115 |
| ABN-CTA20(W)(B)(WB) | 5 - 20 | 3.7 - 14.8 | 300 | 3/8" Sq. | 1.2 | 2.6 | 18.1 | 461 | 4.14 | 105 | 1.29 | 33 | 4.5 | 115 |
| ABN-CTA30(W)(B)(WB) | 8 - 30 | 5.9 - 22.1 | 170 | 3/8" Sq. | 1.2 | 2.6 | 21.6 | 547 | 7 | 179 | 1.65 | 42 | 4.5 | 115 |
| ABN-CTA55(W)(B)(WB) | 15 - 55 | 11.1 - 40.6 | 90 | 3/8" Sq. | 1.4 | 3.1 | 23.1 | 587 | 8.61 | 219 | 1.65 | 42 | 4.5 | 115 |
| ABN-CTA85(W)(B)(WB) | 20 - 85 | 14.8 - 62.7 | 60 | 1/2" Sq. | 2.9 | 6.4 | 25.9 | 658 | 11.4 | 290 | 1.91 | 49 | 4.5 | 115 |
| ABN-CTA120(W)(B)(WB) | 35 - 120 | 25.8 - 88.5 | 50 | 1/2" Sq. | 3.1 | 6.8 | 28.4 | 720 | 13.9 | 352 | 2.81 | 71 | 4.5 | 115 |

W = WiFi option B = Barcode option Q = Quick Change

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



AcraDyne Cordless Ultra Torque AB -CTA Nutrunners

Ultra Torque AB-CTA Series

Unmatched Accuracy for Higher-Torque Applications



FEATURES AND BENEFITS

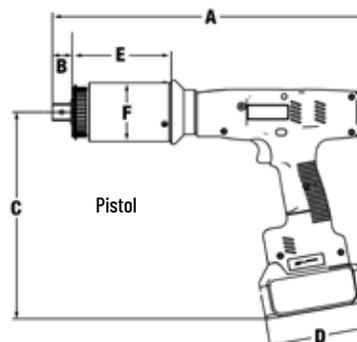
- Transducerized for precise delivery of torque and angle to the fastener
- Usable stand-alone or with AcraDyne iBC series Controller for line controls and/or data integration with QMS systems
- Sophisticated control set with AcraDyne Tool Manager program with 99 PSETS available
- Operator feedback with OLED screen, audible and tactile feedback
- Wide variety of strategies, including:
 - Torque, Angle, Torque Plus Turn, Torque Minus Turn
- Standard Offset, Deep Offset, and Flat Reaction Bars available. Custom reaction bars available by request
- Tool supplied with one battery (P/N AB-B1850LI), see page 50 and standard reaction bar. Charger (see page 50) is purchased separately:
 - AB-C18110 (120VAC) Charger or
 - AB-C18220 (220VAC) Charger



AcraDyne Cordless ABP-CTA Ultra Torque Series Tools

| Model | Max Torque | | Max Speed | Sq. Dr. | Weight W/O Battery | | Tool Dimensions | | | | | | | | | | | |
|----------------|------------|-------|-----------|---------|--------------------|-------|-----------------|-----|------|----|-----|-----|-----|-----|-----|-----|------|----|
| | NM | FT-LB | RPM | IN | KG | LB | A | | B | | C | | D | | E | | F | |
| | | | | | | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| Pistol | | | | | | | | | | | | | | | | | | |
| ABP-CTA120W | 120 | 89 | 68 | 3/4" | 3.7 | 8.04 | 14.1 | 358 | 0.89 | 23 | 9.3 | 236 | 4.5 | 115 | 4.5 | 113 | 2.65 | 67 |
| ABP-CTA250W | 250 | 185 | 27 | 3/4" | 3.7 | 8.04 | 14.1 | 358 | 0.89 | 23 | 9.3 | 236 | 4.5 | 115 | 4.5 | 113 | 2.65 | 67 |
| ABP-CTA450W | 450 | 332 | 14 | 3/4" | 3.7 | 8.04 | 14.1 | 358 | 0.89 | 23 | 9.3 | 236 | 4.5 | 115 | 4.5 | 113 | 2.65 | 67 |
| ABP-CTA650W | 650 | 480 | 9.4 | 3/4" | 3.7 | 8.04 | 14.1 | 358 | 0.89 | 23 | 9.3 | 236 | 4.5 | 115 | 4.5 | 113 | 2.65 | 67 |
| ABP-CTA950(W) | 950 | 700 | 6.4 | 3/4" | 3.7 | 8.04 | 14.1 | 358 | 0.89 | 23 | 9.3 | 236 | 4.5 | 115 | 4.5 | 113 | 2.65 | 67 |
| ABP-CTA1400W | 1,400 | 1,000 | 4 | 1" | 4 | 8.85 | 14.5 | 369 | 1.19 | 30 | 9.3 | 236 | 4.5 | 115 | 4.6 | 117 | 3.05 | 78 |
| ABP-CTA3000W | 3,000 | 2,200 | 2.1 | 1" | 5.6 | 12.31 | 16.0 | 406 | 1.19 | 30 | 9.3 | 236 | 4.5 | 115 | 6.0 | 153 | 3.05 | 78 |
| ABP-CTA5000(W) | 5,000 | 3,688 | 1.3 | 1" | 7.9 | 17.4 | 17.7 | 449 | 1.19 | 30 | 9.3 | 236 | 4.5 | 115 | 7.1 | 181 | 3.59 | 91 |

W = WiFi option B = Barcode option Q = Quick Change



AcraDyne Cordless Tool Accessories



Batteries & Chargers

BATTERIES

- Li-Ion for best energy density
- Deep-discharge protection prevents battery failure
- All AB models utilize the same battery connection and chargers
- Batteries available in 2.5 Ah or 5.5 Ah



AB-B1825LI



AB-B1850LI

| Battery Model # | Voltage | Type | Capacity | Weight |
|-----------------|---------|--------|----------|--------------|
| AB-B1825LI | 18V | Li-Ion | 2.5 Ah | .8 Lb/.35 kg |
| AB-B1850LI | 18V | Li-Ion | 5.0 Ah | 1.3 Lb/.6 kg |



AB-C18110

BATTERY CHARGERS

- Battery defect detection
- Microprocessor-controlled charging: Charging time is dependent on the capacity of the battery
- Reverse polarity protection
- Automatic battery voltage detection
- Multi-bay charger includes battery adapters
- All AB models use the same batteries and chargers

| Model | Description | Output | Input | Charging Time | Dimensions (W/O Battery) | Weight |
|-----------|----------------------------|-------------------|---------------------|-------------------------------|--|---------------|
| AB-C18110 | Quick-charge unit for 110V | 14.4V - 18V, 3.0A | 110VAC, 50-60Hz | Max 55 min for 2.5 Ah battery | 3.39" (W) x 4.21" (H) x 6.02" (D) 86 mm (W) x 107 mm (H) x 153 mm (D) | 1.2 Lb/.55 kg |
| AB-C18220 | Quick-charge unit for 220V | 14.4V - 18V, 3.0A | 220-240VAC, 50-60Hz | Max 55 min for 2.5 Ah battery | 3.39" (W) x 4.21" (H) x 6.02" (D) 86 mm (W) x 107 mm (H) x 153 mm (D) | 1.2 Lb/.55 kg |



AB-PCOLRING

COLOR INDEX RINGS

Colored rings on AB Series tools make it easy to determine tool torque with a quick glance. Set comes with four colors: blue, yellow, red, and silver.

SUSPENSION BAIL

Bails attach to tool body for perfect balance and secure suspension.



AB-PBAIL



MULTIPLE NUTRUNNING SYSTEMS

AIMCO can integrate the AcraDyne tool spindle into a customized Multiple Nutrunner system. From simple systems vertically suspended above the part, to assembly stations that integrate with your line, AIMCO can effectively accommodate your project.

LET US KNOW YOUR REQUIREMENTS AND WE WILL PROPOSE A SOLUTION TAILORED TO YOUR NEEDS.



FEATURES AND BENEFITS

- Nutrunner sequencing - Allows nutrunners to be sequenced at each phase of the tightening process, providing even distribution of torque and load to each fastener. This prevents part damage and distortion
- Snug threshold, final torque in one pass - No need for multiple torque stage sequencing. Fixtured nutrunners save time and effort
- No missed fasteners - Multiple nutrunners have a spindle dedicated to each location, ensuring quality on every rundown on every bolt
- Better residual torques - Synchronized controlled fastening allows residual torque levels to be consistent with the dynamic torque specification
- Saving in cycle time - Compared to using a single nutrunner tool with many rundowns, running all fasteners simultaneously reduces in-station cycle time
- Cost saving benefits - Saving installation cycle time frees operators to handle additional tasks and potentially reduce labor costs
- Collect data – Most common methods of collecting data for quality control and statistical analysis can be implemented from a serial data string using RS232 to formatted data from a network database

INDUSTRY APPLICATIONS

- Harvester chain-pull assembly, 2-spindle
- Engine flywheel assembly, 3-spindle
- Wheel lug nut assembly, 4-spindle
- Axle u-bolt assembly, 4-spindle
- Gasoline generator assembly, 6-spindle
- Lawn mower motor assembly, 7-spindle
- Air-cooled small vehicle engine assembly, 10-spindle

Tool Specials



AIMCO can provide customized tooling solutions for even the most unique applications. Let us propose a solution tailored to your needs. Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.



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



AAP1B Series Tools

| Model | Torque (NM) | Torque (FT-LB) | Speed (RPM) | Weight (LB) | Square Dr. (IN) | Air Consumption (CFM) |
|--------------|-------------|----------------|-------------|-------------|-----------------|-----------------------|
| AAP1B66850A | 850 | 625 | 27 | 9.75 | 3/4 | 22.9 |
| AAP1B771350A | 1,350 | 1,000 | 22 | 10.4 | 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 55 for options.



AFRL-4



AFRL-4HTA Standalone Unit

28178 HT Air Tool/AFRL Carrying Kit



Maximum allowable Input Pressure not to exceed 120 PSI.

AcraDyne HT Pneumatic Tool Accessories

Polyurethane Hose for HT Tools



- 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)

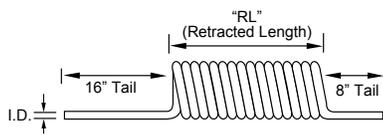
| Model | Description (O.D. x I.D. x Length) | Retracted Length | Npt Fittings |
|----------------|------------------------------------|------------------|--------------|
| ASH-500C-15MSZ | 3/4" x 1/2" x 15' | 13" | 1/2" |
| ASH-500C-25MSZ | 3/4" x 1/2" x 25' | 23" | 1/2" |



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.



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.

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 |

Air Preparation Units

AFRL STACKING FILTER/REGULATORS

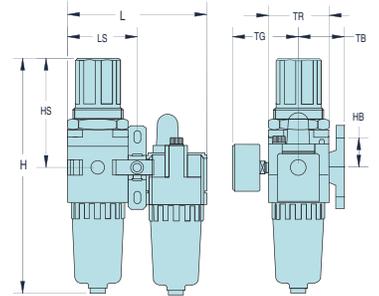
Stacking filter/regulator combinations provide air filtration and precise regulation in a single unit for easy mounting and installation.

FEATURES AND BENEFITS

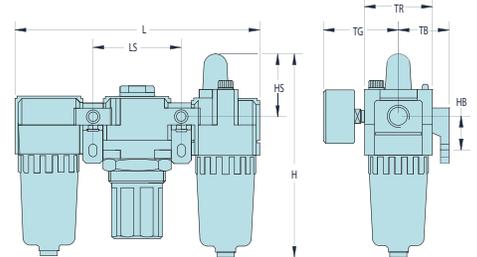
- All models include L-mount bracket, gauge, and metal bowl shields
- Polycarbonate filter and lubricator bowls (metal bowls standard on AFRL-8)
- 25-micron filter included on all models
- Regulating range: 7 - 125 PSI
- Custom order upgrade items include metal bowl, 5 micron filter, semi-automatic filter 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
- Maximum allowable Input Pressure not to exceed 120 PSI



AFRL-2-C
AFRL-3-C



AFRL-3
AFRL-4
AFRL-8



28178
HT Air Tool/AFRL
Carrying Kit



AFRL-4HTA
Standalone Unit

AFRL Stacking Filter/Regulators

| 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?

Ergo Arm Tool Support Systems

ERGO ARMS



Versatile Ergo Arms Absorb Torque Reaction while Perfectly Balancing Tool Weight

AIMCO's Parallel Ergo Arms reduce operator fatigue for electric and pneumatic tools. The durable, lightweight construction provides minimal resistance and low inertia during high-cycle use. The adjustable height, length, and elbowed joint increases accessibility with minimal travel to the fastening application.

Tools recommended for use with this arm:

- AcraDyne 1000 and 2000 Series
- Uryu LT Series Pneumatic Screwdrivers
- Electra Electric Screwdrivers
- Inline Tools

FEATURES AND BENEFITS

- Allows for freedom of movement
- Vertical adjustment eliminates cross-threading
- Fixtured tool increases repeatability
- Adjustable reach

Parallel Ergo Arms

| Model | Arm Style | Tool Mount | Reach | | Capacity | | Maximum Torque* | |
|--------------|-----------|--------------|--------|-----------|----------|-------|-----------------|----|
| | | | IN | MM | LB | KG | IN-LB | NM |
| OIL CYLINDER | | | | | | | | |
| AD-D1098-P | Parallel | Air manifold | 4 - 33 | 102 - 838 | 0 - 15 | 0 - 7 | 110 | 12 |

* Max torque allowed may be dependent on tool clutch type and joint rate

Carbon Torque Arms

ACA SERIES TELESCOPING CARBON ARMS

Telescoping Carbon Arms



ACA Series Carbon Arms are lightweight, yet strong devices designed to absorb torque reactive forces. Highly flexible and modular, they adapt to a wide range of tools, and eliminate hazards to operators during fastening processes.

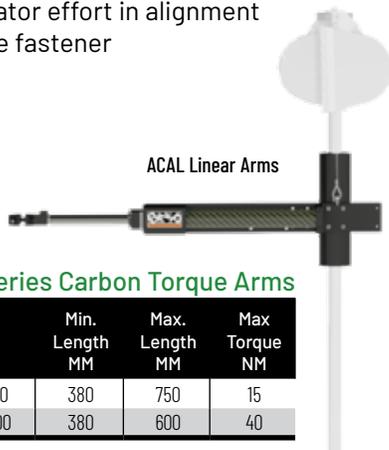


Tools recommended for use with this arm:

- Continuous Drive Electric and Pneumatic Tools
- Pulse Tools
- Screwdrivers

FEATURES AND BENEFITS

- Absorb torque reaction from continuous drive tools
- Counter balance tool weight when configured with AIMCO's wide array of tool balancers or with integrated balancer kits
- Orient tool correctly to the workpiece to improve efficiency and reduce operator effort in alignment to the fastener



ACAL Series Carbon Torque Arms

| Model | Min. Length MM | Max. Length MM | Max Torque NM |
|-------------|----------------|----------------|---------------|
| ACAL-15-600 | 380 | 750 | 15 |
| ACAL-40-600 | 380 | 600 | 40 |



ACA Series Carbon Torque Arms

| Model | Min. Length MM | Max. Length MM | Max Torque NM |
|-------------|----------------|----------------|---------------|
| ACA10-1000 | 495 | 1,105 | 10 |
| ACA10-1500 | 665 | 1,605 | 10 |
| ACA15-1000 | 486 | 1,066 | 15 |
| ACA15-1500 | 646 | 1,556 | 15 |
| ACA15-2000 | 806 | 2,046 | 15 |
| ACA40-1000 | 486 | 1,066 | 40 |
| ACA40-1500 | 646 | 1,556 | 40 |
| ACA40-2000 | 806 | 2,046 | 40 |
| ACA40-2500 | 986 | 2,576 | 40 |
| ACA80-1500 | 658 | 1,586 | 80 |
| ACA80-2000 | 828 | 2,078 | 80 |
| ACA80-2500 | 998 | 2,588 | 80 |
| ACA150-1500 | 668 | 1,578 | 150 |
| ACA150-2000 | 838 | 1,918 | 150 |
| ACA150-2500 | 1003 | 2,248 | 150 |
| ACA220-1500 | 668 | 1,578 | 220 |
| ACA220-2000 | 838 | 2,088 | 220 |
| ACA220-2500 | 1,003 | 2,588 | 220 |

ACA-V Series Carbon Torque Arms

| Model | Min. Length MM | Max. Length MM | Max Torque NM |
|---------------|----------------|----------------|---------------|
| ACA-V15-1000 | 777 | 1,345 | 15 |
| ACA-V15-1500 | 937 | 1,835 | 15 |
| ACA-V15-2000 | 1,097 | 2,325 | 15 |
| ACA-V40-1000 | 777 | 1,345 | 40 |
| ACA-V40-1500 | 937 | 1,835 | 40 |
| ACA-V40-2000 | 1,097 | 2,325 | 40 |
| ACA-V40-2500K | 1,277 | 2,855 | 40 |
| ACA-V80-1500 | 949 | 1,865 | 80 |
| ACA-V80-2000 | 1,119 | 2,357 | 80 |
| ACA-V80-2500 | 1,289 | 2,867 | 80 |
| ACA-V150-1500 | 960 | 1,957.5 | 150 |
| ACA-V150-2000 | 1,129 | 2,357 | 150 |
| ACA-V150-2500 | 1,294 | 2,862 | 150 |
| ACA-V220-1500 | 960 | 1,957.5 | 220 |
| ACA-V220-2000 | 1,129 | 2,357 | 220 |
| ACA-V220-2500 | 1,294 | 2,867 | 220 |

Carbon Torque Arms

ACA-P2 CARBON SMART ARM

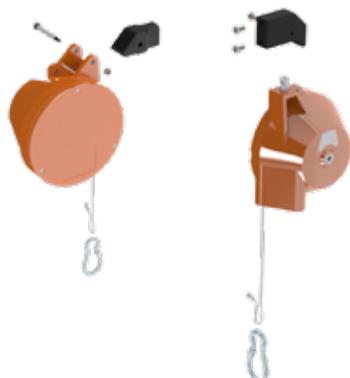


ACA-P240-2500

ACA-P2 Series Carbon Torque Smart Arm w/X,Y Axis Encoders

(Requires ACA-POSIX System or AcraDyne's Gen IV Smart Arm System)

| Model | Min. Length MM | Max. Length MM | Max Torque NM |
|----------------|----------------|----------------|---------------|
| ACA-P215-1000 | 647 | 1,227 | 15 |
| ACA-P215-1500 | 803 | 1,713 | 15 |
| ACA-P215-2000 | 977 | 2,227 | 15 |
| ACA-P240-1000 | 647 | 1,227 | 40 |
| ACA-P240-1500 | 803 | 1,713 | 40 |
| ACA-P240-2000 | 977 | 2,227 | 40 |
| ACA-P240-2500 | 1,157 | 2,737 | 40 |
| ACA-P280-1500 | 830 | 1,757 | 80 |
| ACA-P280-2000 | 1,000 | 2,249 | 80 |
| ACA-P280-2500 | 1,169 | 2,760 | 80 |
| ACA-P2150-1500 | 839 | 1,749 | 150 |
| ACA-P2150-2000 | 1,009 | 2,087 | 150 |
| ACA-P2150-2500 | 1,174 | 2,419 | 150 |
| ACA-P2220-1500 | 839 | 1,749 | 220 |
| ACA-P2220-2000 | 1,009 | 2,259 | 220 |
| ACA-P2220-2500 | 1,174 | 2,760 | 220 |



ACA Series Balancer Kits

| Model | Min. Capacity KG | Max. Capacity KG |
|-----------------------|------------------|------------------|
| For ACA-P2 Smart Arms | | |
| ACA-P2BK-4 | 2 | 4 |
| ACA-P2BK-6 | 4 | 6 |
| ACA-P2BK-8 | 6 | 8 |
| ACA-P2BK-10 | 8 | 10 |
| ACA-P2BK-14 | 10 | 14 |
| For ACAL Linear Arms | | |
| ACAL-BK2.4-5.2 | 2.4 | 5.2 |

Encoder Options for ACA-P2 Smart Arm

AcraDyne Gen IV Smart Arm System With Process Visualization

AcraDyne's Gen IV controller with smart arm capability and process visualization provides an advanced error-proofing solution to ensure the quality of your fastening operation. The capability is integrated into the Gen IV controller – no need for an external PC or software. See page 13 for more details.



FEATURES AND BENEFITS

- Easy to follow visual guidance directly on the Gen IV controller graphical screen
- Easy to program and set up
- Low cost solution vs. competitive offerings
- Modular – can be added at any time to an existing AcraDyne system using the Gen IV controller

ACA-POSIX Positioning System

The compact, self-contained ACA-Posix process visualization system guides operators through their assigned tasks. It connects to ACA-P2 series arms with integrated balancer kits.



FEATURES AND BENEFITS

- Intuitive and simple programming on 7" color LCD touch-screen display
- Store up to 500 unique assembly sequences
- Communicates directly with Power Tool controllers over digital I/O
- Store and display product images or CAD drawings. Images/drawings are displayed with targeting sequences to direct operators easily through their task
- Output for synchronizing with line controls

Carbon Torque Arms

TOOL HOLDERS FOR TELESCOPING CARBON ARMS

Tool Holders For AcraDyne Tools

| Model | Description |
|------------------|---|
| ACAH-40PS1000 | Tool holder for carbon fiber arm, AcraDyne 1000 series pistol/straight tools, 40 Nm |
| ACAH-80PS3-5000 | Tool holder for carbon fiber arm, AcraDyne 3000/5000 series pistol/straight tools, 80 Nm |
| ACAH-150PS3-5000 | Tool holder for carbon fiber arm, AcraDyne 3000/5000 series pistol/straight tools, 150 Nm |

General Tool Holders

| | Model | Description | Min. Tool Grip MM | Max. Tool Grip MM |
|---|---------------------|--------------------------------------|----------------------|----------------------|
| For Telescopic Arms | | | | |
| Base Tool Holders | | | | |
|  | ACAH-15 | Base tool holder 4 screws | 27 | 45 |
| | ACAH-40-80 | Base tool holder 4 screws | 30 | 60 |
| | ACAH-150-220 | Base tool holder 4 screws | 40 | 70 |
| Multi-Position Tool Holders | | | | |
|  | ACAH-15-MPE2745 | Multi-position tool holder interface | 27 | 45 |
| | ACAH-150220-MPE4070 | Multi position tool holder | 40 | 70 |
| | ACAH-4080-MPE2745 | Multi-position tool holder | 27 | 45 |
| Swivel Tool Holders | | | | |
|  | ACAH-S154080 | Swivel tool holder 20 to 35 mm | 20 | 35 |
| | ACAH-SL15150 | Swivel tool holder 40 to 55 mm | 40 | 55 |



Carbon Torque Tubes

ACTT & ACPTT SERIES CARBON TORQUE TUBES



ACPTT Series
Anti-Rotation Torque Tube
with articulation support



ACTT Series
Anti-Rotation Torque Tube

Carbon Torque Tubes Are Universal Arms With an Exclusive Design For Maximum Tightening Flexibility

ACCT and ACPTT series carbon torque tubes provide smooth and accurate tool travel from bearing splined shaft construction. These sturdy arms are available in torque ranges of 15 – 80 Nm. They can be used with a variety of tool holders.

Tools recommended for use with this arm:

- Continuous Drive Electric and Pneumatic Tools
- Pulse Tools



ACTT-V40-850 300

FEATURES AND BENEFITS

- Universal arm with an exclusive design for maximum tightening flexibility
- Provides articulated anti-rotation support when torque reaction is parallel to arm axis

ACTT Series Carbon Torque Tubes

| Model | Min. Length Mm | Max. Length MM | Max Torque NM |
|-------------------|----------------|----------------|---------------|
| ACTT-V15-600 150 | 150 | 600 | 15 |
| ACTT-V15-800 300 | 300 | 800 | 15 |
| ACTT-V40-600 150 | 150 | 600 | 40 |
| ACTT-V40-850 300 | 300 | 850 | 40 |
| ACTT-V40-1500 600 | 600 | 1,500 | 40 |
| ACTT-V80-900 300 | 300 | 900 | 80 |
| ACTT-V80-1500 600 | 600 | 1,500 | 80 |
| ACTT-V80-2100 900 | 900 | 2,100 | 80 |

Carbon Torque Tubes

ACPTT SERIES CARBON TORQUE TUBES FOR ACSA ARTICULATING SUPPORT ARMS

ACPTT TORQUE TUBES



FEATURES AND BENEFITS

- ACPTT arm designed for use with the ACSA articulating support arm
- ACPTT carbon torque tube provides articulated anti-rotation support when torque reaction is parallel to arm axis
- The ACPTT/ACSA articulating support arm system allows torque reaction arm installation when the workplace can't accommodate suspended overhead structures

ACPTT Torque Tubes

| Model | Min. Length MM | Max. Length MM | Max Torque NM |
|--------------------|-------------------|-------------------|------------------|
| ACPTT-V15-510 150 | 150 | 600 | 15 |
| ACPTT-V15-710 300 | 300 | 800 | 15 |
| ACPTT-V40-510 150 | 150 | 600 | 40 |
| ACPTT-V40-760 300 | 300 | 850 | 40 |
| ACPTT-V40-1410 600 | 600 | 1,500 | 40 |
| ACPTT-V80-810 300 | 300 | 900 | 80 |
| ACPTT-V80-1410 600 | 600 | 1,500 | 80 |



ACSA ARTICULATING SUPPORT ARM

ACPTT Torque Tube*

* Support arm, torque tube, balancer, tool holder, and tool shown for concept.

Items sold separately

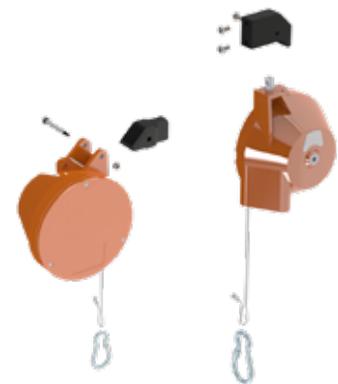
ACSA Articulating Support Arms

| Model | Max Reach MM | Max Height MM | Max Torque NM |
|----------------|-----------------|------------------|------------------|
| ACSA-600-1500 | 600 | 1,500 | 80 |
| ACSA-800-1500 | 800 | 1,500 | 80 |
| ACSA-1000-1500 | 1,000 | 1,500 | 80 |



ACAHTT Tool Holders For ACTT & ACPTT Anti-Rotation Carbon Arms

| Model | Description | Min. Tool Grip MM | Max. Tool Grip MM |
|---------------------|--|----------------------|----------------------|
| ACAHTT-15A-3060 | Angle Tool Holder, 15 Nm Arm | 30 | 60 |
| ACAHTT-15S-2745 | Straight Tool Holder, 15 Nm Arm | 27 | 45 |
| ACAHTT-4080A-3165 | Angle Tool Holder, 40/80 Nm Arms | 31 | 65 |
| ACAHTT-4080ASL-3165 | Angle Tool Holder with Swivel, 40/80 Nm Arms | 31 | 5 |
| ACAHTT-40S-2745 | Straight Tool Holder, 40/80 Nm Arms | 27 | 45 |



ACTT Series Balancer Kit

| Model | Min. Capacity KG | Max. Capacity KG |
|-----------|---------------------|---------------------|
| ACTT-BK46 | 4 | 6 |

GCI Torque Reaction Arms

GCI ARTICULATING TORQUE ARMS



Rugged Flexibility for Even the Most Complex Torque Applications

Constructed of durable aluminum, steel, or carbon fiber, GCI Torque Arms are available with multiple tool mounting options for application specifics. These highly ergonomic and user friendly arms are available in torque ranges of 150 Nm to 7,500 Nm and with reaches ranging up to 20 ft.

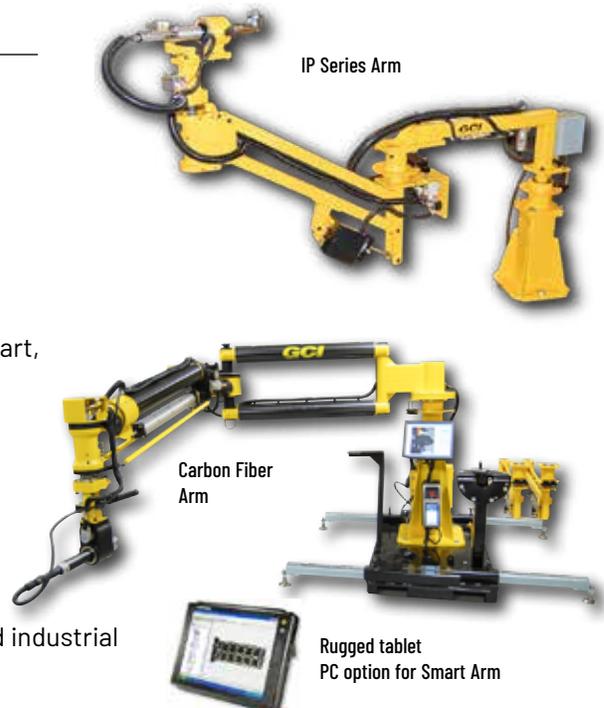
GCI arms can be designed as Smart Arms with two encoder options: PC-based AdaptiCS software (see page 64) and AcraDyne's Gen IV smart arm system with process visualization (see page 13). This complete Smart Arm system error-proofs even the most complex torque applications.

Tools recommended for use with this arm:

- AcraDyne 3000 - 9000 Series HT tools
- Angle (AEN 5000 series only)
- Straight (AES)
- Axial (AEJ)
- Pistol (AEP)
- Fixtured (AEF)

FEATURES AND BENEFITS

- Available in aluminum, steel, or carbon fiber
- Configurable installation: floor mount, wall mount, overhead mount, bench mount, or portable base
- Braking options: manual/automatic, discrete braking with verification, parking brakes, and electric/pneumatic actuation
- Tool holding options: fixed position, gimbal mount
- Integrated tool start/brake actuation capability: tool trigger start, remote tool start
- Smart Arm Capabilities:
 - Available with as many as six encoders to monitor all desirable tool positions relative to application
 - Two encoder options:
 - ▶ AcraDyne Gen IV Smart Arm System with Process Visualization (see page 13)
 - ▶ AdaptiCS PC-based software that runs on an integrated industrial PC or on a customer supplied PC (see page 64)

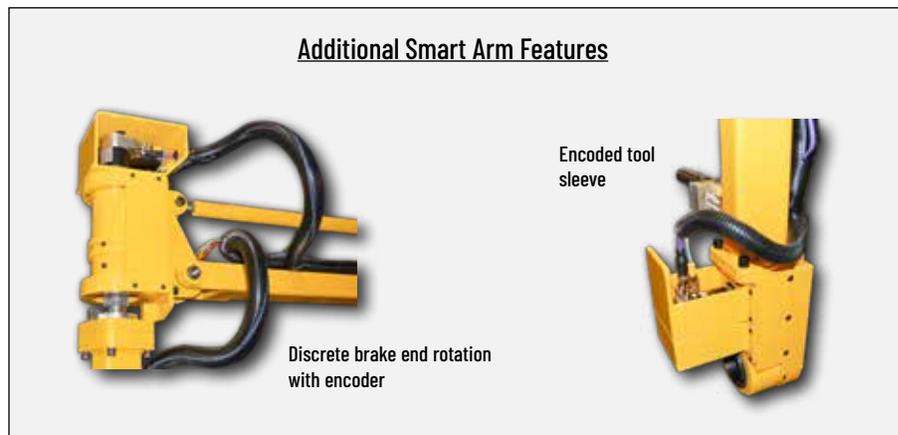


GCI Torque Reaction Arms

GCI Torque Reaction Arms

| Model | Max. Torque | Max. Tool Weight | Max. Reach | Max. Vertical Travel | Construction |
|--|-------------|------------------|------------|----------------------|------------------------|
| IPT Series - Torques to 375 Nm | | | | | |
| IPT150 | 150 Nm | 12 lb | 5 ft | 30 in | Aluminum |
| IPT375 | 375 Nm | 50 lb | 6 ft | 36 in | Steel |
| IP Series - Torques to 4,000 Nm | | | | | |
| IP4 | 550 Nm | 30 lb | 8 ft | 48 in | Steel |
| IP5 | 1,000 Nm | 50 lb | 12 ft | 60 in | Steel |
| IP7 | 3,000 Nm | 100 lb | 12 ft | 60 in | Steel |
| IP8T | 4,000 Nm | 100 lb | 12 ft | 72 in | Steel |
| F Series - Carbon Fiber Arms | | | | | |
| F70 | 70 Nm | 10 lb | 3 ft | 18 in | Carbon Fiber Composite |
| F600 | 600 Nm | 50 lb | 20 ft | 72 in | Carbon Fiber Composite |
| F1500 | 1,500 Nm | 50 lb | 20 ft | 72 in | Carbon Fiber Composite |
| F3000 | 3,000 Nm | 75 lb | 20 ft | 72 in | Carbon Fiber Composite |
| F7500 | 7,500 Nm | 75 lb | 12 ft | 72 in | Carbon Fiber Composite |

GCI ARM OPTIONS



GCI Torque Reaction Arms

Encoder Options for GCI Smart Arms

AcraDyne Gen IV Smart Arm System with Process Visualization

AcraDyne's Gen IV controller with smart arm capability and process visualization provides an advanced error-proofing solution to ensure the quality of your fastening operation. The capability is integrated into the Gen IV controller – no need for an external PC or software. See page 13 for more details.

FEATURES AND BENEFITS

- Easy to follow visual guidance directly on the Gen IV controller graphical screen
- Easy to program and set up
- Low cost solution vs. competitive offerings
- Modular – can be added at any time to an existing AcraDyne system using the Gen IV controller



AdaptiCS Software

Intuitive, user-friendly AdaptiCS PC-based software that runs on an integrated industrial PC or on a customer supplied PC. Smart arms guide the operator in programmable torque patterns and count fasteners required for correct assembly.

FEATURES AND BENEFITS

- Batch count capabilities
- Bidirectional arm articulation tracking
- Full torque/angle results display
- Integrates into any line control (PLC, MES, etc.)
- Multiple part locate strategies (1-point, 2-point, 3-point)
- Multiple rework strategies to fit requirements
- Fully programmable dynamic display with integrated PC option
- Integrates devices such as torque controllers via open protocol, encoded GCI torque reaction arms, scanners, vision cameras, and digital IO (pass/fail)
- AdaptiCS Enterprise (optional) provides full line control, interlocks, and data collection
- Runs on Windows 7, 8, and 10



3arm Zero Gravity Arms

3arm ZERO GRAVITY ARMS



Strong and Dependable, 3arm Ergonomic Arms Provide Full Range of Motion to Complete any Task Efficiently and Safely

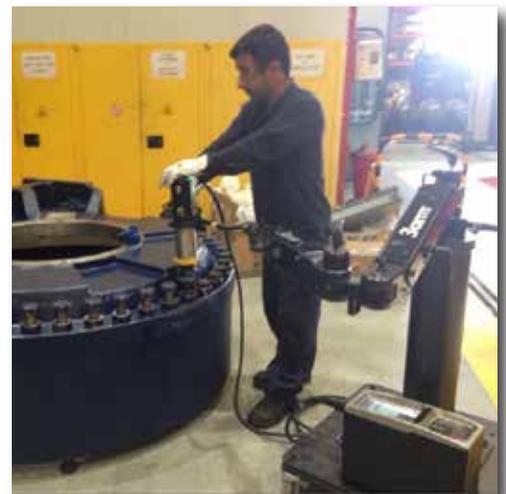
Designed to keep tools and devices weightless even in difficult positions and working areas, 3arms are available with more than 29 head configurations. Add in various available accessories, and the arms can be fixed in almost any position. More than 1,000 standard combinations are available, as well as customized solutions.

Tools recommended for use with this arm:

- Tools that have sufficient mass for counter balancing and where overhead suspension is not an option

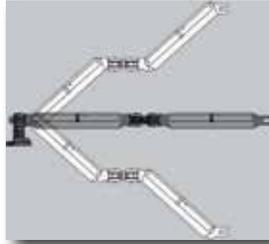
FEATURES AND BENEFITS

- Eases use of larger, higher weight tools, eliminating the hazards of operators having to physically carry the loads.
- Durable closed-case design absorbs considerable force
- Eliminates tool weight, providing not only an ergonomic benefit, but also increasing productivity
- Reduces operator fatigue and the chance of injury due to strain
- Holds any tool up to 77 lbs, keeping the tool weightless, while eliminating possible damage caused by dropping the tool
- Can be base-mounted, ceiling-mounted, or wall-mounted. Easily add precision reach by applying a rail, make it mobile with a trolley, or adding vertical reach with a mounting column
- Available with tool trigger braking. Effortlessly position the tool, stop it in place, release trigger, and float it to the next job



3arm Zero Gravity Arms

3arm Series 1



| | |
|--------------------------------------|-------------------|
| Reach | Max Weight |
| Vertical: 44 in Horizontal: 42 in | 22 lb |

| Model | Orientation | Reach (IN) | | Max Weight LB |
|--------|-----------------|------------|--------|------------------|
| | | Vert. | Horiz. | |
| 1SNIDS | Floor Mounted | 42 | 44 | 22 |
| 1AMIDS | Ceiling Mounted | 42 | 44 | 22 |

Compatible Head Members (see page 69): B, BA, C, E, EA, F, G, K, N, T

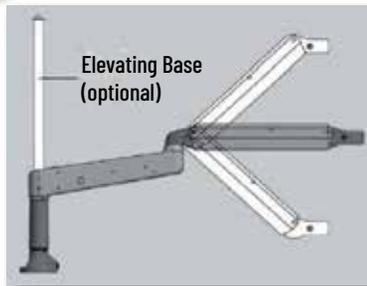
| Brake Options | |
|---------------|--------------|
| L00 | Not Required |

To build your 3arm, choose the following

| Arm Model | Head Member | Brake Option |
|-----------|-------------|--------------|
| | | |

Light and nimble, capable of reaching even the most difficult applications.

3arm Series 2



| | | |
|--------------------------------------|-------------------|--------------------|
| Reach | Max Weight | Max Torque |
| Vertical: 22 in Horizontal: 34 in | 13 lb | 120 Nm 88 ft-lb |

| Model | Orientation | Reach (IN) | | Max Weight LB |
|-------|-----------------|------------|--------|------------------|
| | | Vert. | Horiz. | |
| BB | Floor Mounted | 22.2 | 33.9 | 13 |
| BE | Ceiling Mounted | 22.2 | 33.9 | 13 |
| BA | Ceiling Mounted | 22.2 | 33.9 | 13 |

Compatible Head Members (see page 69): B, BA, C, E, EA, F, G, K, N

| Brake Options | |
|---------------|--------------|
| L00 | Not Required |

To build your 3arm, choose the following

| Arm Model | Head Member | Brake Option |
|-----------|-------------|--------------|
| | | |

Combination radial arm and tilting arm, each capable of 360° rotation. Two arms of different lengths give you the ability to reach separate working areas.



3arm Zero Gravity Arms

3arm Series 3



| Reach | Max Weight | Max Torque |
|--------------------------------------|------------|---------------------|
| Vertical: 42 in Horizontal: 68 in | 77 lb | 650 Nm 479 ft-lb |

Versatile arm with a long reach and the ability to carry a heavy load. Features “turning and tilting” brake locking systems (pneumatic or manual), allowing the operator to immobilize the arm in a fixed position on all axes simultaneously or separately.

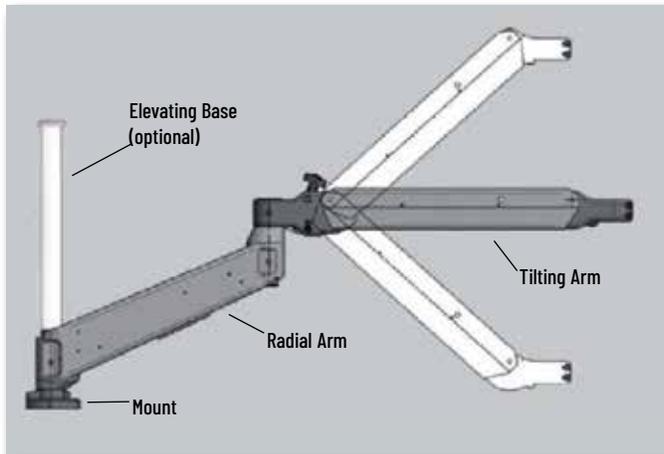
| Model | Orientation | Reach (IN) | | Max Weight LB |
|------------------------|--------------------------|------------|--------|------------------|
| | | Vert. | Horiz. | |
| Floor Mounted | | | | |
| PSBS | Short Rad. + Short Tilt. | 27.8 | 41.7 | 77 |
| PSBM | Short Rad. + Long Tilt. | 44.5 | 53.5 | 40 |
| PLBS | Long Rad. + Short Tilt. | 27.8 | 55.9 | 77 |
| PLBM | Long Rad. + Long Tilt. | 44.5 | 67.6 | 40 |
| Ceiling Mounted | | | | |
| PEBS | Short Rad. + Short Tilt. | 27.8 | 41.7 | 77 |
| PEBM | Short Rad. + Long Tilt. | 44.5 | 53.5 | 40 |
| ASBS | Long Rad. + Short Tilt. | 27.8 | 55.9 | 77 |
| ASBM | Long Rad. + Long Tilt. | 44.5 | 67.6 | 40 |
| Elevating Base | | | | |
| ALBS | Elevating+ Short Tilt. | 27.8 | 43.7 | 77 |
| ALBM | Elevating+ Long Tilt. | 44.5 | 55.8 | 40 |

Compatible Head Members (see page 69): All

| Brake Options | |
|---------------|------------------------|
| L00 | Not Required |
| L11 | Manual |
| L22 | Pneumatic |
| L50 | Manual Locking Base |
| L92 | Tool Trigger Activated |

To build your 3arm, choose the following

| Arm Model | Head Member | Brake Option |
|-----------|-------------|--------------|
| | | |



3arm Zero Gravity Arms

3arm Series 4

Reach
Vertical: 54 in
Horizontal: 58 in

Max Weight
53 lb

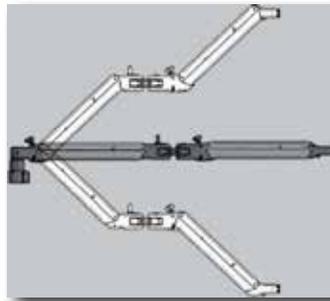
Max Torque
300 Nm
221 ft-lb



| Model | Orientation | Reach (IN) | | Max Weight LB |
|-------|----------------------------|------------|--------|------------------|
| | | Vert. | Horiz. | |
| DS | Floor Mounted, Short Arm | 42.3 | 48 | 53 |
| DM | Floor Mounted, Long Arm | 55.5 | 57.5 | 43 |
| ADS | Ceiling Mounted, Short Arm | 42.3 | 48 | 53 |
| ADM | Ceiling Mounted, Long Arm | 55.5 | 57.5 | 43 |

Compatible Head Members (see page 69): All

Dual-tilting arms expand range of movement. The innovative connections between the parts of the arm allow completely free movement of rolling up, down, and sideways. Capable of reaching the most difficult positions or work with weightless precision.



Brake Options

| | |
|-----|------------------------|
| L00 | Not Required |
| L11 | Manual |
| L22 | Pneumatic |
| L50 | Manual Locking Base |
| L92 | Tool Trigger Activated |

To build your 3arm, choose the following

| Arm Model | Head Member | Brake Option |
|-----------|-------------|--------------|
| | | |

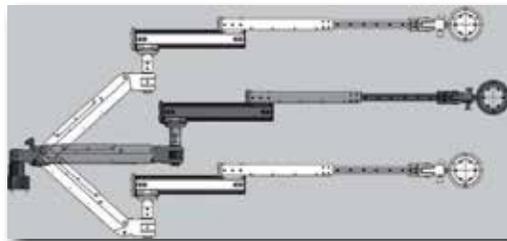
3arm Series 6

Reach
Vertical: 26 in
Horizontal: 82 in

Max Weight
42 lb



Extendable arm with ball linear guideways attached to a pendulum base arm, both capable of 360° rotation. This compact arm offers versatility for any type of tool. The telescopic top arm allows the user to work on hard-to-reach areas comfortably, quickly and safely. Works in a wide variety of applications.



| Model | Description | Reach (IN) | | Max Weight LB |
|--------|-------------|------------|--------|------------------|
| | | Vert. | Horiz. | |
| BPRASC | Model 800 | 26 | 68 | 42 |
| BPRASM | Model 1200 | 26 | 82 | 26 |

Compatible Head Members (see page 69):
BPRASC - All
BPRASM - N,T

Brake Options

| | |
|-----|--------------|
| L00 | Not Required |
|-----|--------------|

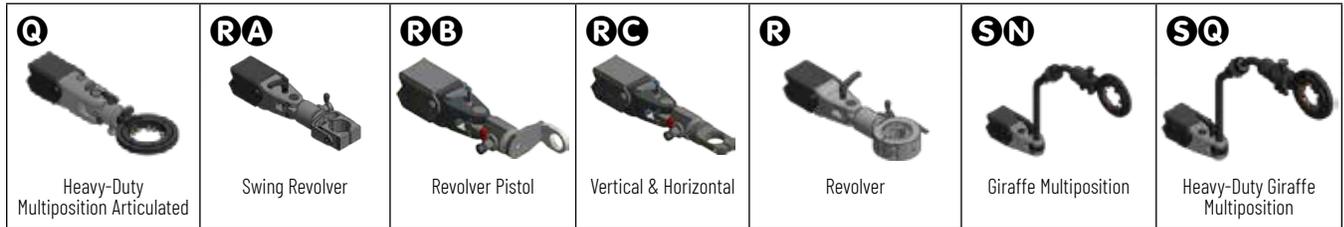
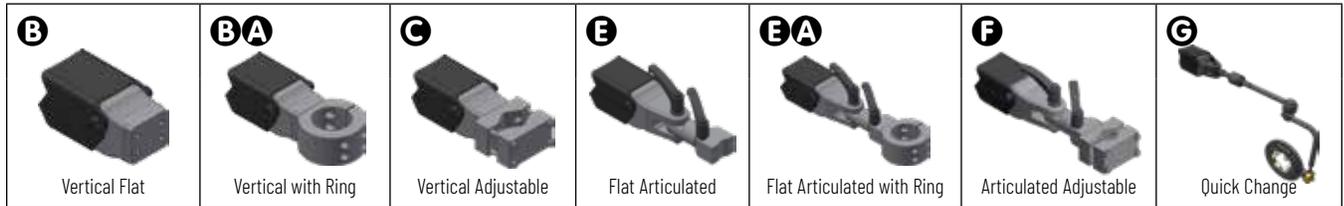
To build your 3arm, choose the following

| Arm Model | Head Member | Brake Option |
|-----------|-------------|--------------|
| | | |

3arm Zero Gravity Arms

3arm Head Members

Once you've determined the tools that will be used in you application, select a head member based on the type of application and necessary orientations.



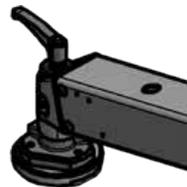
3arm Brake Options



L11
Manual Brakes
Manually turned handle



L22
Pneumatic Brakes



L50
Manual Locking Base
Handle at base only



L92
Tool Trigger Activated Brake
Pneumatic, activated through the tool

Support System Tool-Mounting Options

TOOL MOUNTING OPTIONS



AIMCO provides many head and mounting options to fit almost any application. Find more information in our Application Manual for Arms and Fixtures located on our website.

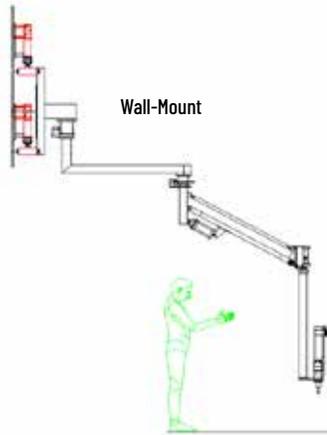
Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.



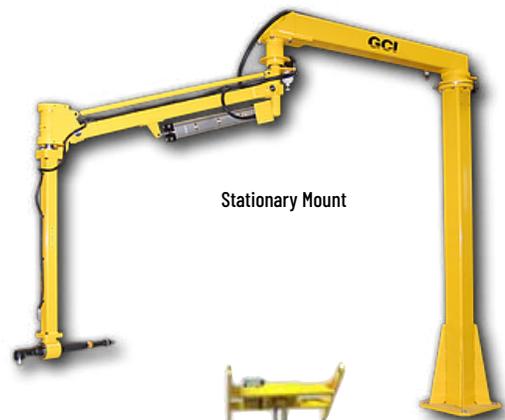
Mobile



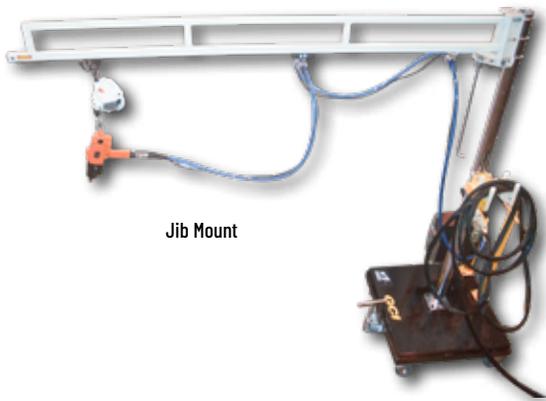
Overhead Trolley Mount



Wall-Mount



Stationary Mount



Jib Mount



Overhead Fixed Mount

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