

Acradyne®

A Division of AIMCO



HIGH CAPABILITY TOOLING

2017 / 18



AIMCO

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

ISO 9001: 2015 Certified

Visit our NEW website www.aimco-global.com

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CONTROLLED TOOLS

ACRADYNE®

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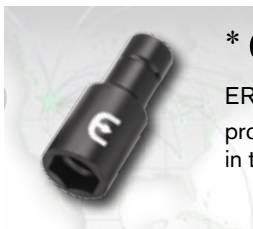
POWER TOOLS

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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



AcraDyne's Gen IV ACE Controller provides 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

- No additional controller training needed for different platforms (tool type specific knowledge is required)
- One common communication for your global data collection, line controls, and fieldbus platforms



ACRADYNE GEN IV ACE CONTROLLER

ACE controller provides ultimate FLEXIBILITY and FREEDOM to command tools for every application

One common communication for your global data collection, line controls, and fieldbus platforms.



ACRADYNE GEN IV ACE CONTROLLER

The AcraDyne Gen IV ACE controller is the culmination of more than 40 years of serving our industrial fastening customers with 15 years of designing and 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 0.5 Nm to 12,000 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


Optional 7" Touch-Screen Display:

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

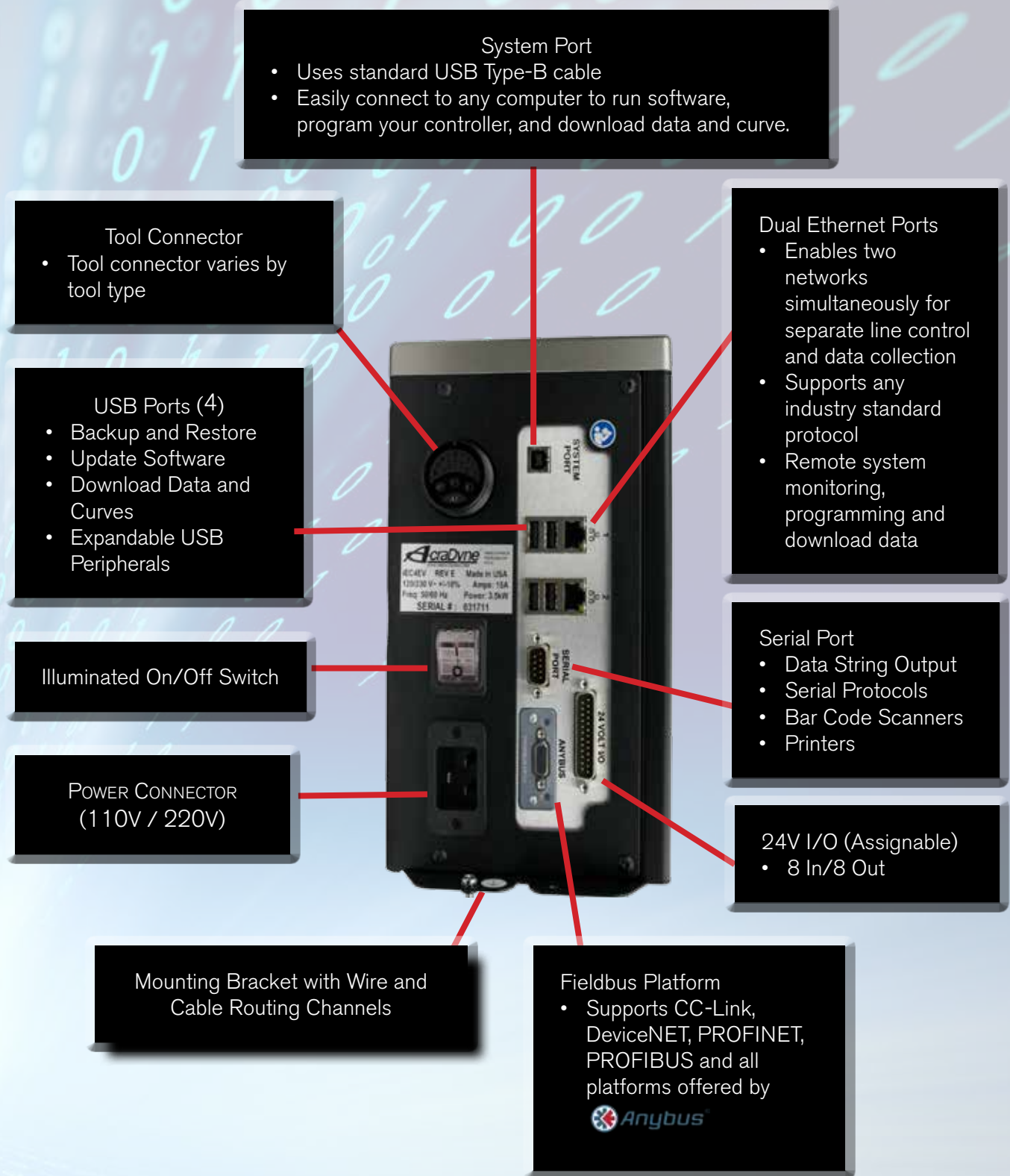
FEATURES AND BENEFITS

- 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
- Removable flash memory
- Assignable I/O (8 X 8)
- Rundown storage – 1,000,000
- Real-time curve viewing. Curve storage – 20,000

NETWORKING CAPABILITIES

- Ethernet Protocols including Open Protocol, Ethernet/IP & PFCS
- Modular field bus connectivity: PROFIBUS, DeviceNET, Modbus TCP, or any fieldbus offered by 
- Data collection
- Serial protocols and string output
- Bar code scanning & printing
- Multi-spindle synchronization

ACRADYNE GEN IV ACE CONTROLLER



ACRADYNE GEN IV ACE CONTROLLER



AcraDyne iEC

GEN IV ACE iEC Controller for all AcraDyne DC 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 |
|---------|--------------------------------|--------------------------------------|---------------------------|----------------------------|------------------------|---------------------|
| iEC4E | X | L/D | | X | X | X |
| iEC4EV | X | L/D | X | X | X | X |
| iEC4EG | X | L/D/G | | X | X | X |
| iEC4EGV | X | L/D/G | X | X | X | X |

* Ethernet channel supports the Open Protocol, Toolsnet, EtherNet/IP, Modbus/TCP, and other protocols.

Add (-T) to model number for top exit tool cable option. For fieldbus options add: P = Profibus, C = CC Link, D = DeviceNet, N = ProfiNet. Other fieldbus options available upon request.



AcraDyne iAC

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 |
|-----------|--------------------------------|--------------------------------------|---------------------------|----------------------------|------------------------|----------------------------|---------------------------------|---------------------|
| iAC4E | X | L/D | | X | X | | | X |
| iAC4EV | X | L/D | X | X | X | | | X |
| iAC4EG | X | L/D/G | | X | X | | | X |
| iAC4EGV | X | L/D/G | X | X | X | | | X |
| iAC4ES | X | L/D | | X | X | X | | X |
| iAC4ESV | X | L/D | X | X | X | X | | X |
| iAC4ESG | X | L/D/G | | X | X | X | | X |
| iAC4ESGV | X | L/D/G | X | X | X | X | | X |
| iAC4ESR | X | L/D | | X | X | X | X | X |
| iAC4ESRV | X | L/D | X | X | X | X | X | X |
| iAC4ESRG | X | L/D/G | | X | X | X | X | X |
| iAC4ESRGV | X | L/D/G | X | X | X | X | X | X |

* Ethernet channel supports the Open Protocol, Toolsnet, EtherNet/IP, Modbus/TCP, and other protocols.

Add (-T) to model number for top exit tool cable option. For fieldbus options add: P = Profibus, C = CC Link, D = DeviceNet, N = ProfiNet. Other fieldbus options available upon request.

ACRADYNE GEN IV ACE CONTROLLER



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 |
|---------|--------------------------------|--|---------------------------------|----------------------------------|---------------------------|------------------------|
| iBC4E | X | L/D | | X | X | X |
| iBC4EV | X | L/D | X | X | X | X |
| iBC4EG | X | L/D/G | | X | X | X |
| iBC4EGV | X | L/D/G | X | X | X | X |

* Ethernet channel supports The Open Protocol, Toolsnet, EtherNet/IP, Modbus/TCP, and other protocols.
For fieldbus options, add: P = Profibus, C = CC Link, D = DeviceNet, N = ProfiNet. Other - options available upon request.

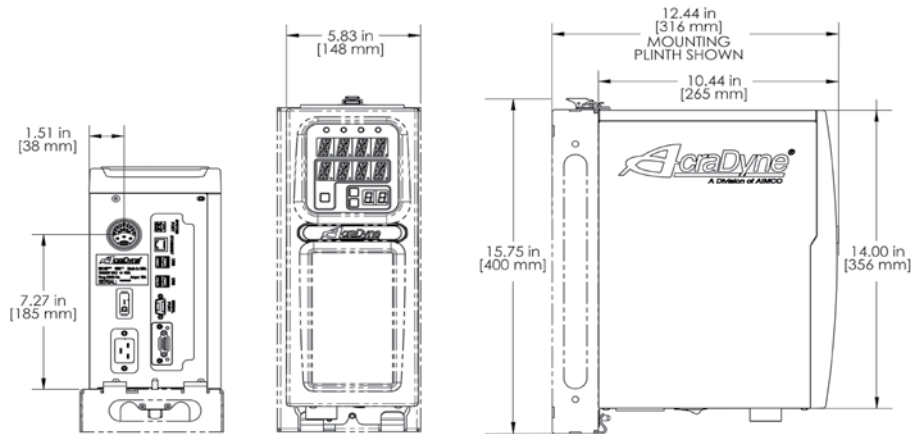


ACRADYNE GEN IV ACE CONTROLLER

NETWORK CONNECTIVITY



DIMENSIONS



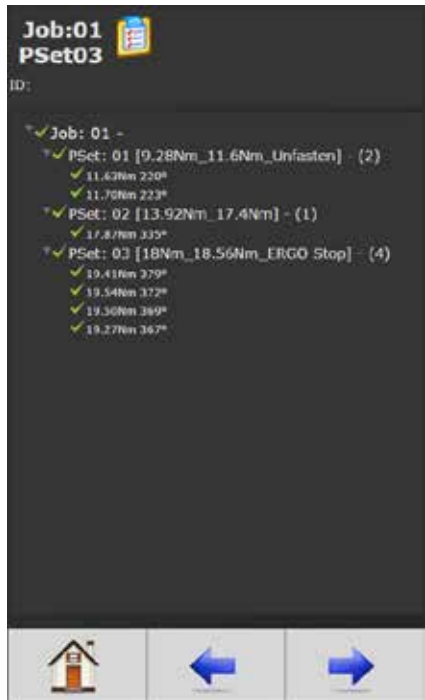
| WIDTH | HEIGHT | DEPTH | WEIGHT |
|------------------|-------------------|-------------------|-------------------|
| 5.83 in / 148 mm | 15.75 in / 400 mm | 12.44 in / 316 mm | 15.65 lb / 7.1 kg |

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.

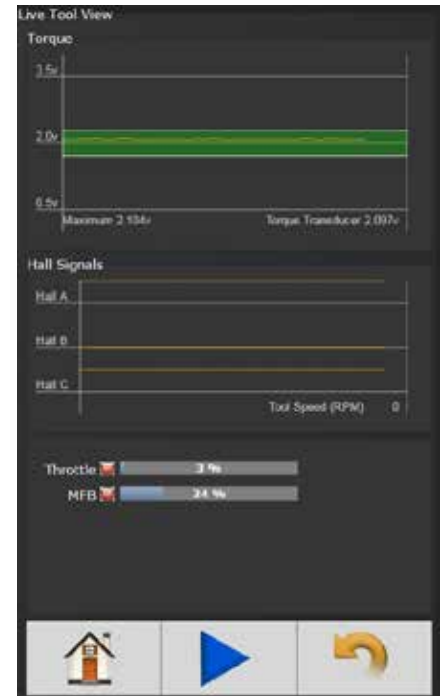
The software is based on a standard web browser, allowing you to connect the AcraDyne controller with any computer, tablet, or smart device. Connect through Ethernet, USB, or wirelessly via a network connected to both devices.



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.

ACRADYNE 1000 SERIES NUTRUNNERS

FEATURES AND BENEFITS

Superior size, speed, and duty cycle



Angle



In-line



Push-to-Start



Fixtured
Rear Exit
Cable



Fixtured
Bottom Exit
Cable



APPLICATION DATA


| 1000 SERIES | NM | MAX TORQUE FT-LB | NM | TORQUE RANGE FT-LB | FREE SPEED RPM | LB | WEIGHT (-) SOCKET | KG | OUTPUT DRIVE |
|---------------------------|----|---------------------|----------|-----------------------|-------------------|-----|----------------------|------|--------------|
| ANGLE* | | | | | | | | | |
| AEN4C12004B | 4 | 3 | 1 - 4 | 0.7 - 3 | 3,111 | 2.0 | 0.91 | 1.00 | 1/4 Q.C. |
| AEN4C12009B | 9 | 6.6 | 2.3 - 9 | 1.7 - 6.6 | 1,750 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEN4C12014B | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 875 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEN4C12018B | 18 | 13 | 4.5 - 18 | 3.3 - 13 | 691 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEN4C12022B | 22 | 16 | 5.5 - 22 | 4.1 - 16 | 560 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| IN-LINE** | | | | | | | | | |
| AES4A12003B(V)(Q) | 3 | 2.2 | 0.8 - 3 | 0.6 - 2.2 | 2,625 | 2.0 | 0.91 | 1.00 | 3/8 sq. dr. |
| AES4A12006B(V)(Q) | 6 | 4.4 | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.0 | 0.91 | 1.00 | 3/8 sq. dr. |
| AES4A12011B(V)(Q) | 11 | 8.1 | 2.8 - 11 | 2 - 8.1 | 1,313 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AES4A12014B(V)(Q) | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AES4A12018BV | 18 | 13 | 4.5 - 18 | 3.3 - 13 | 840 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AES4A12022BV | 22 | 16 | 5.5 - 22 | 4.1 - 16 | 656 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| PUSH-TO-START | | | | | | | | | |
| AEL4A12003B(Q) | 3 | 2.2 | 0.8 - 3 | 0.6 - 2.2 | 2,625 | 2.0 | 0.91 | 1.00 | 3/8 sq. dr. |
| AEL4A12006B(Q) | 6 | 4.4 | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.0 | 0.91 | 1.00 | 3/8 sq. dr. |
| AEL4A12011B(Q) | 11 | 8.1 | 2.8 - 11 | 2 - 8.1 | 1,313 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEL4A12014B(Q) | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEL4A12018B | 18 | 13 | 4.5 - 18 | 3.3 - 13 | 840 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEL4A12022B | 22 | 16 | 5.5 - 22 | 4.1 - 16 | 656 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| FIXTURED*** | | | | | | | | | |
| AEF4(A)(C)(X)12003B(B)(Q) | 3 | 2.2 | 0.8 - 3 | 0.6 - 2.2 | 2,625 | 2.0 | 0.91 | 1.00 | 3/8 sq. dr. |
| AEF4(A)(C)(X)12006B(B)(Q) | 6 | 4.4 | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.0 | 0.91 | 1.00 | 3/8 sq. dr. |
| AEF4(A)(C)(X)12011B(B)(Q) | 11 | 8.1 | 2.8 - 11 | 2 - 8.1 | 1,313 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEF4(A)(C)(X)12014B(B)(Q) | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEF4(A)(C)(X)12018B(B) | 18 | 13 | 4.5 - 18 | 3.3 - 13 | 840 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |
| AEF4(A)(C)(X)12022B(B) | 22 | 16 | 5.5 - 22 | 4.1 - 16 | 656 | 2.2 | 1.00 | 1.00 | 3/8 sq. dr. |

* Add "F" to part numbers for flush socket.

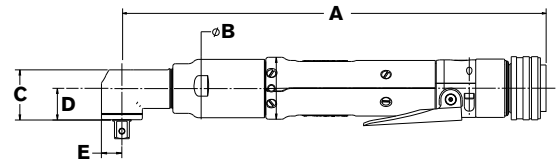
** "V" indicates extended Ergo-Drive output  Replace "V" with "Q" for 1/4" quick change output.

*** Add "A" to part numbers for 1/2" sliding spindle models. Add "C" to part numbers for 1-3/4" sliding spindle models. Add "X" to part numbers for fixed 3/8" square drive output models.

*** Add "B" to part numbers for bottom exit cable.

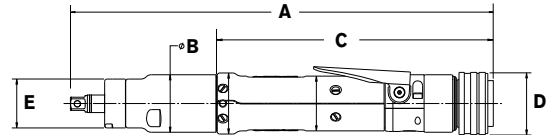
*  logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

ACRADYNE 1000 SERIES NUTRUNNERS



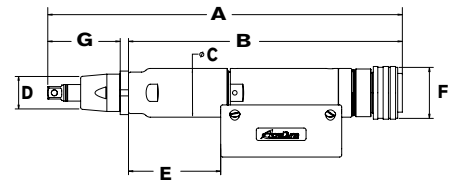
DIMENSIONS

| ANGLE | IN | (A) | MM | IN | (B) | MM | IN | (C) | MM | IN | (D) | MM | IN | (E) | MM |
|-------------|-------|-----|-------|------|-----|------|------|-----|------|-----|-----|------|-----|-----|------|
| AEN4C12004B | 11.65 | | 295.9 | 1.47 | | 37.3 | .98 | | 24.8 | .62 | | 15.8 | .40 | | 10.2 |
| AEN4C12009B | 11.00 | | 279.5 | 1.47 | | 37.3 | 1.29 | | 32.8 | .82 | | 20.9 | .52 | | 13.1 |
| AEN4C12014B | 11.66 | | 296.4 | 1.47 | | 37.3 | 1.29 | | 32.8 | .82 | | 20.9 | .52 | | 13.1 |
| AEN4C12018B | 11.66 | | 296.4 | 1.47 | | 37.3 | 1.29 | | 32.8 | .82 | | 20.9 | .52 | | 13.1 |
| AEN4C12022B | 11.66 | | 296.4 | 1.47 | | 37.3 | 1.29 | | 32.8 | .82 | | 20.9 | .52 | | 13.1 |



DIMENSIONS

| INLINE | IN | (A) | MM | IN | (B) | MM | IN | (C) | MM | IN | (D) | MM | IN | (E) | MM |
|---------------|-------|-----|-------|------|-----|------|------|-----|-------|------|-----|------|------|-----|------|
| AES4A12003B | 11.12 | | 282.7 | 1.47 | | 37.3 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AES4A12006B | 11.12 | | 282.7 | 1.47 | | 37.3 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AES4A12011B | 11.44 | | 290.5 | 1.47 | | 37.3 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AES4A12014B | 11.44 | | 290.5 | 1.56 | | 39.6 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AES4A12018B | 11.44 | | 290.5 | 1.47 | | 37.3 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AES4A12022B | 11.44 | | 290.5 | 1.47 | | 37.3 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| PUSH-TO-START | IN | (A) | MM | IN | (B) | MM | IN | (C) | MM | IN | (D) | MM | IN | (E) | MM |
| AEL4A12003B | 11.31 | | 287.3 | 1.56 | | 39.6 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AEL4A12006B | 11.32 | | 287.4 | 1.56 | | 39.6 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AEL4A12011B | 11.62 | | 295.4 | 1.56 | | 39.6 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AEL4A12014B | 11.62 | | 295.4 | 1.56 | | 39.6 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AEL4A12018B | 11.62 | | 295.4 | 1.56 | | 39.6 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |
| AEL4A12022B | 11.62 | | 295.4 | 1.56 | | 39.6 | 7.38 | | 187.5 | 1.59 | | 40.4 | 1.25 | | 31.8 |



DIMENSIONS

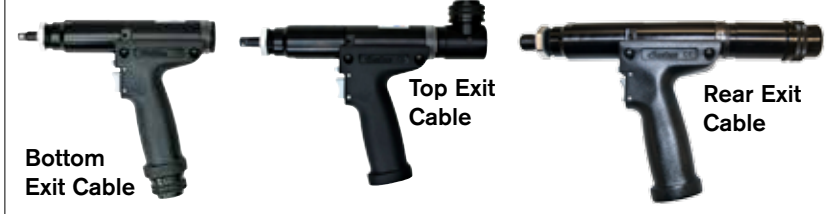
| FIXTURED | IN | (A) | MM | IN | (B) | MM | IN | (C) | MM | IN | (D) | MM | IN | (E) | MM | IN | (F) | MM | IN | (G) | MM |
|-------------|-------|-----|-------|------|-----|--------|------|-----|------|------|-----|-------|------|-----|------|------|-----|------|------|-----|-------|
| AEF4A12003B | 11.53 | | 292.9 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.06 | | 52.2 | 1.59 | | 40.4 | 2.18 | | 55.5 |
| AEF4A12006B | 11.53 | | 292.9 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.06 | | 52.2 | 1.59 | | 40.4 | 2.18 | | 55.5 |
| AEF4A12011B | 12.20 | | 309.8 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 2.18 | | 55.5 |
| AEF4A12014B | 12.20 | | 309.8 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 2.18 | | 55.5 |
| AEF4A12018B | 12.20 | | 309.8 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 2.18 | | 55.5 |
| AEF4A12022B | 12.20 | | 309.8 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 2.18 | | 55.5 |
| AEF4C12003B | 15.32 | | 389.2 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.06 | | 52.2 | 1.59 | | 40.4 | 5.98 | | 151.8 |
| AEF4C12006B | 15.32 | | 389.2 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.06 | | 52.2 | 1.59 | | 40.4 | 5.98 | | 151.8 |
| AEF4C12011B | 15.99 | | 406.1 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 5.98 | | 151.8 |
| AEF4C12014B | 15.99 | | 406.1 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 5.98 | | 151.8 |
| AEF4C12018B | 15.99 | | 406.1 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 5.98 | | 151.8 |
| AEF4C12022B | 15.99 | | 406.1 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | 5.98 | | 151.8 |
| AEF4X12003B | 9.35 | | 237.5 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.06 | | 52.2 | 1.59 | | 40.4 | .80 | | 20.4 |
| AEF4X12006B | 9.35 | | 237.5 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.06 | | 52.2 | 1.59 | | 40.4 | .80 | | 20.4 |
| AEF4X12011B | 10.00 | | 254.4 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | .80 | | 20.4 |
| AEF4X12014B | 10.00 | | 254.4 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | .80 | | 20.4 |
| AEF4X12018B | 10.00 | | 254.4 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | .80 | | 20.4 |
| AEF4X12022B | 10.00 | | 254.4 | 9.10 | | 231.04 | 1.47 | | 37.3 | 1.13 | | 28.57 | 2.72 | | 69.1 | 1.59 | | 40.4 | .80 | | 20.4 |

ACRADYNE PISTOL GRIP NUTRUNNERS

FEATURES AND BENEFITS

- 1000 & 2000 series tools available with bottom exit, rear exit, or top exit cable configurations. 5000 series tools available in bottom exit or top exit models
- AcraDyne's multi-function button (MFB) provides increased flexibility
- On-board lights and audible signal for operator feedback
- Push-To-Start models also available

1000 & 2000 Series



5000 Series



APPLICATION DATA

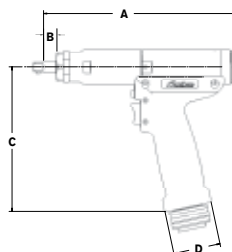
| | MAX TORQUE | | TORQUE RANGE | | FREE SPEED | WEIGHT (-) SOCKET | | OUTPUT | (A) | | (B) | | (C) | | (D) | |
|---------------------------|------------|-------|--------------|-----------|------------|-------------------|------|--------|------|-------|------|------|------|-------|------|------|
| | NM | FT-LB | NM | FT-LB | | RPM | LB | | KG | SQ | DR | IN | MM | IN | MM | IN |
| 1000 SERIES* | | | | | | | | | | | | | | | | |
| 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* | 7.34 | 178.8 | 0.54 | 13.7 | 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* | 7.34 | 178.8 | 0.54 | 13.7 | 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 | 8.00 | 203.3 | 0.54 | 13.7 | 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 | 8.00 | 203.3 | 0.54 | 13.7 | 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 | 8.00 | 203.3 | 0.54 | 13.7 | 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 | 8.00 | 203.3 | 0.54 | 13.7 | 6.01 | 152.6 | 1.96 | 49.7 |
| 2000 SERIES* | | | | | | | | | | | | | | | | |
| AEP4(A)(R)(T)22020BV | 20 | 14 | 5 - 20 | 3.7 - 14 | 1,313 | 2.4 | 1.09 | 3/8 | 8.66 | 219.9 | 0.56 | 14.2 | 6.87 | 174.4 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22025BV | 25 | 18 | 6.3 - 25 | 4.6 - 18 | 1,037 | 2.4 | 1.09 | 3/8 | 8.66 | 219.9 | 0.56 | 14.2 | 6.87 | 174.4 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22030BV | 30 | 22 | 7.5 - 30 | 5.5 - 22 | 840 | 2.4 | 1.09 | 3/8 | 8.66 | 219.9 | 0.56 | 14.2 | 6.87 | 174.4 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22035BV | 35 | 25 | 8.8 - 35 | 6.5 - 25 | 747 | 2.4 | 1.09 | 3/8 | 8.66 | 219.9 | 0.56 | 14.2 | 6.87 | 174.4 | 1.96 | 49.7 |
| AEP4(A)(R)(T)22040BV | 40 | 29 | 10 - 40 | 7.4 - 29 | 656 | 2.4 | 1.09 | 3/8 | 8.66 | 219.9 | 0.56 | 14.2 | 6.87 | 174.4 | 1.96 | 49.7 |

* "V" indicates extended Ergo-Drive output. **E** Replace "V" with "Q" for 1/4" quick change output only as noted in the table.
 Add "A" to part numbers for bottom exit cable models. Add "R" to part numbers for rear exit cable models. Add "T" to part numbers for top exit cable models

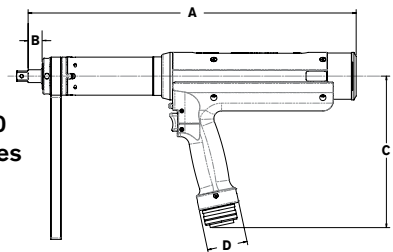
| | MAX TORQUE | | TORQUE RANGE | | FREE SPEED | WEIGHT (-) SOCKET | | OUTPUT | (A) | | (B) | | (C) | | (D) | |
|--------------------|------------|-------|--------------|-----------|------------|-------------------|------|--------|-------|-------|------|------|------|-------|------|------|
| | NM | FT-LB | NM | FT-LB | | RPM | LB | | KG | SQ | DR | IN | MM | IN | MM | IN |
| 5000 SERIES | | | | | | | | | | | | | | | | |
| AEP35075AV(T) | 75 | 55 | 19 - 75 | 14 - 55 | 944 | 9.2 | 4.17 | 1/2 | 15.95 | 405.2 | .68 | 17.4 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35090AV(T) | 90 | 66 | 23 - 90 | 17 - 66 | 767 | 9.2 | 4.17 | 1/2 | 15.95 | 405.2 | .68 | 17.4 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35110AV(T) | 110 | 81 | 28 - 110 | 21 - 81 | 634 | 9.2 | 4.17 | 1/2 | 15.95 | 405.2 | .68 | 17.4 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35135AV(T) | 135 | 99 | 34 - 135 | 25 - 99 | 515 | 9.2 | 4.17 | 1/2 | 15.95 | 405.2 | .68 | 17.4 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35170AV(T) | 170 | 125 | 43 - 170 | 32 - 125 | 418 | 9.2 | 4.17 | 1/2 | 15.95 | 405.2 | .68 | 17.4 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35280A(T) | 280 | 206 | 70 - 280 | 52 - 207 | 236 | 13.6 | 6.17 | 3/4 | 18.43 | 468.2 | 1.11 | 28.1 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35350A(T) | 350 | 258 | 88 - 350 | 65 - 258 | 192 | 13.6 | 6.17 | 3/4 | 18.43 | 468.2 | 1.11 | 28.1 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35420A(T) | 420 | 310 | 105 - 420 | 78 - 310 | 159 | 13.6 | 6.17 | 3/4 | 18.43 | 468.2 | 1.11 | 28.1 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35515A(T) | 515 | 380 | 128 - 515 | 95 - 380 | 129 | 13.6 | 6.17 | 3/4 | 18.43 | 468.2 | 1.11 | 28.1 | 7.37 | 187.1 | 1.96 | 49.7 |
| AEP35635A(T) | 635 | 468 | 159 - 635 | 117 - 469 | 104 | 13.6 | 6.17 | 3/4 | 18.43 | 468.2 | 1.11 | 28.1 | 7.37 | 187.1 | 1.96 | 49.7 |

"V" indicates extended Ergo-Drive output. **E**
 Add "T" to part numbers for top exit cable models

1000 Series
2000 Series



5000 Series



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

ACRADYNE ANGLE NUTRUNNERS

FEATURES AND BENEFITS

AcraDyne angle nutrunners provide the perfect solution to space-limited fastening applications. A compact, durable head houses a precision right-angle gear set which fits into the tightest spaces and delivers a highly accurate fastening cycle. Lightweight materials and a uniform body diameter provide a comfortable grip. The ergonomically placed start lever ensures simple control.



AEN32015C



AEN32025CDL



AEN33060C



AEN33200CF



AEN35140B



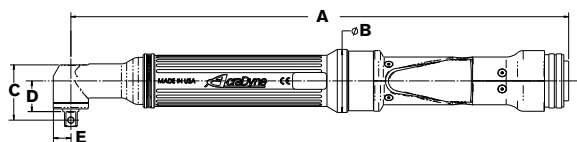
AEN35285B

APPLICATION DATA

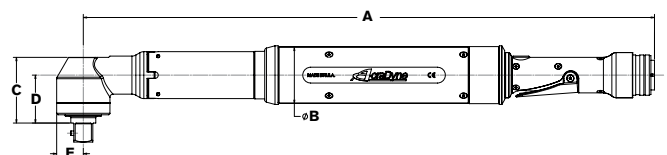
| | MAX TORQUE | | TORQUE RANGE | | FREE SPEED | WEIGHT (-) SOCKET | | OUTPUT SO. DR | (A) | | (B) | | (C) | | (D) | | (E) | |
|------------------|------------|-------|--------------|----------|------------|-------------------|------|---------------|-------|--------|------|------|------|-------|------|-------|------|-------|
| | NM | FT-LB | NM | FT-LB | | RPM | LB | | KG | IN | MM | IN | MM | IN | MM | IN | MM | IN |
| 2000 SERIES | | | | | | | | | | | | | | | | | | |
| AEN32015C(DL) | 15 | 11 | 3 - 15 | 2.2 - 11 | 1,481 | 2.7 | 1.22 | 3/8 | 14.61 | 371 | 1.85 | 47 | 1.37 | 34.8 | .90 | 22.9 | .52 | 13.1 |
| AEN32025C(DL) | 25 | 18 | 5 - 20 | 3.7 - 15 | 833 | 2.7 | 1.22 | 3/8 | 14.61 | 371 | 1.85 | 47 | 1.37 | 34.8 | .90 | 22.9 | .52 | 13.1 |
| AEN32030C(F)(DL) | 30 | 22 | 6 - 30 | 4.4 - 22 | 803 | 2.8 | 1.27 | 3/8 | 14.42 | 366.2 | 1.85 | 47 | 1.65 | 41.8 | 1.16 | 29.4 | .70 | 17.8 |
| AEN32040C(F)(DL) | 40 | 30 | 8 - 40 | 5.9 - 29 | 574 | 2.8 | 1.27 | 3/8 | 14.42 | 366.2 | 1.85 | 47 | 1.65 | 41.8 | 1.16 | 29.4 | .70 | 17.8 |
| 3000 SERIES | | | | | | | | | | | | | | | | | | |
| AEN33042C(F) | 42 | 31 | 9.5 - 42 | 7 - 31 | 1,095 | 4.4 | 2.00 | 3/8 | 16.63 | 422.33 | 1.85 | 47 | 1.66 | 42.11 | 1.17 | 29.67 | .7 | 17.78 |
| AEN33053C(F) | 53 | 39 | 12 - 53 | 8 - 39 | 865 | 4.4 | 2.00 | 3/8 | 16.63 | 422.33 | 1.85 | 47 | 1.66 | 42.11 | 1.17 | 29.67 | .7 | 17.78 |
| AEN33060C(F)(DL) | 60 | 44 | 12 - 60 | 9 - 44 | 845 | 6.6 | 2.99 | 1/2 | 18.92 | 480.53 | 1.85 | 47 | 1.90 | 48.36 | 1.37 | 34.90 | .83 | 20.96 |
| AEN33090C(F)(DL) | 90 | 66 | 18 - 90 | 13 - 66 | 568 | 6.6 | 2.99 | 1/2 | 18.92 | 480.53 | 1.85 | 47 | 1.90 | 48.36 | 1.37 | 34.90 | .83 | 20.96 |
| AEN33120C(F)(DL) | 120 | 89 | 24 - 120 | 18 - 88 | 442 | 9.3 | 4.22 | 1/2 | 21.00 | 533.46 | 1.85 | 47 | 2.78 | 70.59 | 2.08 | 52.81 | 1.05 | 26.67 |
| AEN33200C(F)(DL) | 200 | 148 | 40 - 200 | 29 - 147 | 245 | 9.4 | 4.26 | 3/4 | 23.21 | 589.64 | 1.85 | 47 | 2.59 | 65.75 | 1.89 | 47.98 | 1.05 | 26.67 |
| AEN33210C(F)(DL) | 210 | 95 | 50 - 210 | 37 - 155 | 234 | 10.0 | 4.54 | 3/4 | 23.58 | 598.88 | 1.85 | 47 | 2.90 | 73.53 | 1.97 | 50.04 | 1.25 | 31.75 |
| AEN33300C(F)(DL) | 300 | 221 | 60 - 300 | 42 - 221 | 151 | 10.0 | 4.54 | 3/4 | 23.58 | 598.88 | 1.85 | 47 | 2.90 | 73.53 | 1.97 | 50.04 | 1.25 | 31.75 |
| AEN33375C(F)(DL) | 375 | 277 | 75 - 375 | 55 - 276 | 151 | 10.0 | 4.54 | 3/4 | 23.58 | 598.88 | 1.85 | 47 | 2.90 | 73.53 | 1.97 | 50.04 | 1.25 | 31.75 |
| 5000 SERIES | | | | | | | | | | | | | | | | | | |
| AEN35090B(F) | 90 | 66 | 23 - 90 | 17 - 66 | 607 | 6.9 | 3.13 | 1/2 | 22.59 | 573.7 | 2.31 | 58.7 | 1.90 | 48.4 | 1.37 | 34.9 | .81 | 20.6 |
| AEN35140B(F) | 140 | 103 | 35 - 140 | 26 - 103 | 472 | 10.4 | 4.72 | 3/4 | 22.52 | 571.9 | 2.31 | 58.7 | 2.59 | 65.8 | 1.89 | 48 | 1.05 | 26.7 |
| AEN35175B(F) | 175 | 129 | 44 - 175 | 33 - 129 | 384 | 10.5 | 4.76 | 3/4 | 22.52 | 571.9 | 2.31 | 58.7 | 2.59 | 65.8 | 1.89 | 48 | 1.05 | 26.7 |
| AEN35225B(F) | 225 | 166 | 56 - 225 | 41 - 166 | 291 | 12.3 | 5.58 | 3/4 | 22.88 | 581.1 | 2.31 | 58.7 | 2.90 | 73.5 | 1.97 | 50 | 1.25 | 31.8 |
| AEN35285B(F) | 285 | 210 | 71 - 285 | 52 - 210 | 236 | 12.3 | 5.58 | 3/4 | 22.88 | 581.1 | 2.31 | 58.7 | 2.90 | 73.5 | 1.97 | 50 | 1.25 | 31.8 |
| AEN35350B(F) | 350 | 258 | 88 - 350 | 65 - 258 | 191 | 12.3 | 5.58 | 3/4 | 22.88 | 581.1 | 2.31 | 58.7 | 2.90 | 73.5 | 1.97 | 50 | 1.25 | 31.8 |

* Add "F" to part numbers for flush socket only as noted in the table.
Add "DL" to part numbers for dual levers only as noted in the table.

2000 & 3000 Series



5000 Series



ACRADYNE INLINE NUTRUNNERS

FEATURES AND BENEFITS

Due to their compact size and durability, AcraDyne 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. A reaction bar for use in handheld applications is also included with all AcraDyne inline nutrunners.



APPLICATION DATA

| | MAX TORQUE | | TORQUE RANGE | | FREE SPEED | WEIGHT (-) SOCKET | | OUTPUT SQ. DR | (A) | | (B) | | (C) | | (D) | | (E) | |
|------------------|------------|-------|--------------|-----------|------------|-------------------|--------|---------------|-------|--------|------|-------|------|------|------|-------|------|------|
| | NM | FT-LB | NM | FT-LB | | RPM | LB | | KG | IN | MM | IN | MM | IN | MM | IN | MM | IN |
| 2000 SERIES* | | | | | | | | | | | | | | | | | | |
| AES32010C(V)(Q) | 10 | 7.4 | 2 - 10 | 1.5 - 7.4 | 2,222 | 2.5 | 1.13 | 3/8" | 13.85 | 351.7 | 1.59 | 40.4 | 1.85 | 47 | .56 | 14.3 | 1.59 | 40.4 |
| AES32020C(V)(Q) | 20 | 15 | 4 - 20 | 3.0 - 15 | 1,250 | 2.5 | 1.13 | 3/8" | 13.85 | 351.7 | 1.59 | 40.4 | 1.85 | 47 | .56 | 14.3 | 1.59 | 40.4 |
| AES32025C(V)(Q) | 25 | 18 | 5 - 25 | 3.7 - 18 | 893 | 3.2 | 1.45 | 3/8" | 13.85 | 351.7 | 1.59 | 40.4 | 1.85 | 47 | .56 | 14.3 | 1.59 | 40.4 |
| AES32038C(V) | 38 | 28 | 7.5 - 38 | 5.5 - 28 | 595 | 4.2 | 1.91 | 3/8" | 16.69 | 424 | 1.50 | 38.1 | 1.85 | 47 | .51 | 12.9 | 1.59 | 40.4 |
| 3000 SERIES* | | | | | | | | | | | | | | | | | | |
| AES33040C(V)(-2) | 40 | 30 | 8 - 40 | 5.9 - 30 | 1,314 | 6.4 | 2.90 | 1/2" | 18.24 | 463.38 | 1.94 | 49.28 | 1.85 | 47 | .68 | 17.17 | 1.59 | 40.4 |
| AES33060C(V)(-2) | 60 | 44 | 12 - 60 | 8.9 - 44 | 883 | 6.4 | 2.90 | 1/2" | 18.24 | 463.38 | 1.94 | 49.28 | 1.85 | 47 | .68 | 17.17 | 1.59 | 40.4 |
| AES33100C(V)(-2) | 100 | 74 | 20 - 100 | 15 - 74 | 489 | 8.1 | 3.67 | 1/2" | 22.56 | 572.99 | 1.94 | 49.28 | 1.85 | 47 | .68 | 17.17 | 1.59 | 40.4 |
| AES33150CV | 150 | 111 | 30 - 150 | 22 - 111 | 329 | 8.1 | 3.67 | 1/2" | 22.56 | 572.99 | 1.94 | 49.28 | 1.85 | 47 | .68 | 17.17 | 1.59 | 40.4 |
| AES33150C-2 | 150 | 111 | 30 - 150 | 22 - 111 | 329 | 8.1 | 3.67 | 3/4" | 22.56 | 572.99 | 1.94 | 49.28 | 1.85 | 47 | .68 | 17.17 | 1.59 | 40.4 |
| AES33230CV | 185 | 137 | 46 - 185 | 34 - 137 | 221 | 8.1 | 3.67 | 1/2" | 22.56 | 572.99 | 1.94 | 49.28 | 1.85 | 47 | .68 | 17.17 | 1.59 | 40.4 |
| AES33230C-2 | 230 | 170 | 46 - 230 | 34 - 170 | 221 | 8.1 | 3.67 | 3/4" | 22.56 | 572.99 | 1.94 | 49.28 | 1.85 | 47 | .68 | 17.17 | 1.59 | 40.4 |
| AES33400C | 400 | 295 | 80 - 400 | 59 - 295 | 122 | 13.0** | 5.90** | 3/4" | 24.90 | 632.46 | 1.94 | 49.28 | 1.85 | 47 | 1.11 | 28.08 | 1.59 | 40.4 |
| AES33600C | 600 | 443 | 120 - 600 | 89 - 443 | 82 | 13.0** | 5.90** | 3/4" | 24.90 | 632.46 | 1.94 | 49.28 | 1.85 | 47 | 1.11 | 28.08 | 1.59 | 40.4 |
| 5000 SERIES | | | | | | | | | | | | | | | | | | |
| AES35075AV | 75 | 55 | 19 - 75 | 14 - 55 | 944 | 9.2 | 4.17 | 1/2" | 21.86 | 555.2 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.59 | 40.4 |
| AES35090AV | 90 | 66 | 23 - 90 | 17 - 66 | 767 | 9.2 | 4.17 | 1/2" | 21.86 | 555.2 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.59 | 40.4 |
| AES35110AV | 110 | 81 | 28 - 110 | 21 - 81 | 634 | 9.2 | 4.17 | 1/2" | 21.86 | 555.2 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.59 | 40.4 |
| AES35135AV | 135 | 100 | 34 - 135 | 25 - 100 | 515 | 9.2 | 4.17 | 1/2" | 21.86 | 555.2 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.59 | 40.4 |
| AES35170AV | 170 | 126 | 43 - 170 | 32 - 126 | 418 | 9.2 | 4.17 | 1/2" | 21.86 | 555.2 | 1.85 | 47 | 2.31 | 58.7 | .68 | 17.4 | 1.59 | 40.4 |
| AES35280A | 280 | 207 | 70 - 280 | 52 - 207 | 236 | 12.8 | 5.81 | 3/4" | 24.34 | 618.2 | 1.85 | 47 | 2.31 | 58.7 | 1.19 | 30.1 | 1.59 | 40.4 |
| AES35350A | 350 | 258 | 88 - 350 | 65 - 258 | 192 | 12.8 | 5.81 | 3/4" | 24.34 | 618.2 | 1.85 | 47 | 2.31 | 58.7 | 1.19 | 30.1 | 1.59 | 40.4 |
| AES35420A | 420 | 310 | 105 - 420 | 78 - 310 | 159 | 12.8 | 5.81 | 3/4" | 24.34 | 618.2 | 1.85 | 47 | 2.31 | 58.7 | 1.19 | 30.1 | 1.59 | 40.4 |
| AES35515A | 515 | 380 | 128 - 515 | 95 - 380 | 129 | 12.8 | 5.81 | 3/4" | 24.34 | 618.2 | 1.85 | 47 | 2.31 | 58.7 | 1.19 | 30.1 | 1.59 | 40.4 |
| AES35635A | 635 | 469 | 159 - 635 | 117 - 469 | 104 | 12.8 | 5.81 | 3/4" | 24.34 | 618.2 | 1.85 | 47 | 2.31 | 58.7 | 1.19 | 30.1 | 1.59 | 40.4 |

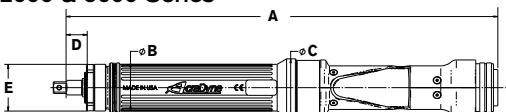
* 2000 series tools are available in "V" for Ergo-Drive and Q for 1/4" quick-change models only as noted in the table.

3000 series tools are available in "V" for Ergo-Drive and "-2" models for 2" sliding spindle only as noted in the table.

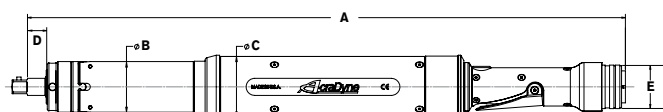
5000 series tools: "V" indicates extended Ergo-Drive output.

** Includes reaction bar and fixture nut

2000 & 3000 Series



5000 Series



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

ACRADYNE FIXTURED NUTRUNNERS



AEF35135AV
Standard Spindle, Rear Exit Cable



AEF35135AVB
Standard Spindle, Bottom Exit Cable



AEF35350A
Standard Spindle, Rear Exit Cable



AEF35135A-2
2" Sliding Spindle, Rear Exit Cable



AEF35135AB-2
2" Sliding Spindle, Bottom Exit Cable

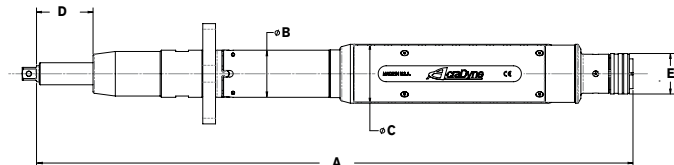
APPLICATION DATA

| 5000 SERIES* | NM | MAX TORQUE FT-LB | TORQUE RANGE NM | TORQUE RANGE FT-LB | FREE SPEED RPM | LB | WEIGHT (-) SOCKET KG | OUTPUT DRIVE |
|---------------------------|-----|------------------|-----------------|--------------------|----------------|------|----------------------|--------------|
| AEF35075A(V)(VB)(-2)(B-2) | 75 | 55 | 19 - 75 | 14 - 55 | 944 | 9.6 | 4.35 | 1/2 SQ. DR. |
| AEF35090A(V)(VB)(-2)(B-2) | 90 | 66 | 23 - 90 | 17 - 66 | 767 | 9.6 | 4.35 | 1/2 SQ. DR. |
| AEF35110A(V)(VB)(-2)(B-2) | 110 | 81 | 28 - 110 | 21 - 81 | 634 | 9.6 | 4.35 | 1/2 SQ. DR. |
| AEF35135A(V)(VB)(-2)(B-2) | 135 | 100 | 34 - 135 | 25 - 100 | 515 | 9.6 | 4.35 | 1/2 SQ. DR. |
| AEF35170A(V)(VB) | 170 | 125 | 43 - 170 | 32 - 125 | 418 | 9.6 | 4.35 | 1/2 SQ. DR. |
| AEF35170A(-2)(B-2) | 170 | 125 | 43 - 170 | 32 - 125 | 418 | 9.6 | 4.35 | 3/4 SQ. DR. |
| AEF35280A(B)** | 280 | 207 | 70 - 280 | 52 - 207 | 236 | 13.6 | 6.17 | 3/4 SQ. DR. |
| AEF35350A(B)** | 350 | 258 | 88 - 350 | 65 - 258 | 192 | 13.6 | 6.17 | 3/4 SQ. DR. |
| AEF35420A(B)** | 420 | 310 | 105 - 420 | 77 - 310 | 159 | 13.6 | 6.17 | 3/4 SQ. DR. |
| AEF35515A(B)** | 515 | 380 | 128 - 515 | 95 - 380 | 129 | 13.6 | 6.17 | 3/4 SQ. DR. |
| AEF35635A(B)** | 635 | 469 | 159 - 635 | 117 - 469 | 104 | 13.6 | 6.17 | 3/4 SQ. DR. |

* "V" = standard spindle with rear exit cable. "VB" = standard spindle 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.

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



DIMENSIONS

| 5000 SERIES | IN | (A) MM | IN | (B) MM | IN | (C) MM | IN | (D) MM | IN | (E) MM |
|-------------|-------|--------|------|--------|------|--------|------|--------|------|--------|
| AEF35075AV | 18 | 457.2 | 1.85 | 47 | 2.31 | 58.7 | .72 | 18.4 | 1.59 | 40.4 |
| AEF35090AV | 18 | 457.2 | 1.85 | 47 | 2.31 | 58.7 | .72 | 18.4 | 1.59 | 40.4 |
| AEF35110AV | 18 | 457.2 | 1.85 | 47 | 2.31 | 58.7 | .72 | 18.4 | 1.59 | 40.4 |
| AEF35135AV | 18 | 457.2 | 1.85 | 47 | 2.31 | 58.7 | .72 | 18.4 | 1.59 | 40.4 |
| AEF35170AV | 18 | 457.2 | 1.85 | 47 | 2.31 | 58.7 | .72 | 18.4 | 1.59 | 40.4 |
| AEF35075A-2 | 23.48 | 596.3 | 1.85 | 47 | 2.31 | 58.7 | 2.23 | 56.6 | 1.59 | 40.4 |
| AEF35090A-2 | 23.48 | 596.3 | 1.85 | 47 | 2.31 | 58.7 | 2.23 | 56.6 | 1.59 | 40.4 |
| AEF35110A-2 | 23.48 | 596.3 | 1.85 | 47 | 2.31 | 58.7 | 2.23 | 56.6 | 1.59 | 40.4 |
| AEF35135A-2 | 23.48 | 596.3 | 1.85 | 47 | 2.31 | 58.7 | 2.23 | 56.6 | 1.59 | 40.4 |
| AEF35170A-2 | 23.48 | 596.3 | 1.85 | 47 | 2.31 | 58.7 | 2.23 | 56.6 | 1.59 | 40.4 |
| AEF35280A | 20.4 | 518.1 | 1.85 | 47 | 2.31 | 58.7 | 1.86 | 47.1 | 1.59 | 40.4 |
| AEF35350A | 20.4 | 518.1 | 1.85 | 47 | 2.31 | 58.7 | 1.86 | 47.1 | 1.59 | 40.4 |
| AEF35420A | 20.4 | 518.1 | 1.85 | 47 | 2.31 | 58.7 | 1.86 | 47.1 | 1.59 | 40.4 |
| AEF35515A | 20.4 | 518.1 | 1.85 | 47 | 2.31 | 58.7 | 1.86 | 47.1 | 1.59 | 40.4 |
| AEF35635A | 20.4 | 518.1 | 1.85 | 47 | 2.31 | 58.7 | 1.86 | 47.1 | 1.59 | 40.4 |

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

ACRADYNE TUBENUT NUTRUNNERS AND SPECIALTY GEARHEADS

FEATURES AND BENEFITS

- Patented safety algorithm
- Transducer senses resistance in the initial 90 degrees of rotation and returns to open upon any resistance encountered
- Durable tubenut head design
- Simple, one-touch back to open operation for maximum productivity



AET 2000 Series Model

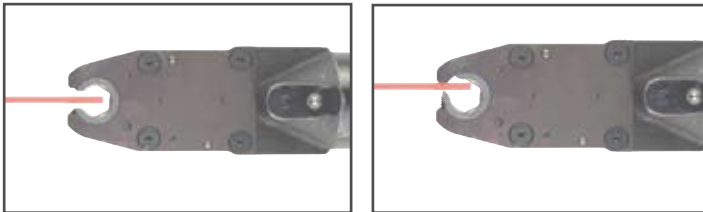


AET 1000 Series Model



AET 2000 Series Model with Double Levers

WITH INNOVATIVE SAFETY SENSOR TECHNOLOGY!



APPLICATION DATA

| 1000 SERIES* | NM | MAX TORQUE FT-LB | NM | TORQUE RANGE FT-LB | FREE SPEED RPM | LB | WEIGHT (-) SOCKET KG | IN | OUTPUT DRIVE NM |
|----------------|----|------------------|----------|--------------------|----------------|-----|----------------------|------------|-----------------|
| AET4AA12018B | 14 | 13 | 3.6 - 14 | 2.7 - 11 | 516 | 3.1 | 1.41 | 1/4 - 7/16 | 7 - 12 |
| AET4AB12025B | 20 | 18 | 5 - 20 | 3.7 - 15 | 387 | 3.1 | 1.41 | 3/8 - 5/8 | 10 - 17 |
| AET4A12025B-KD | 25 | 18 | 5 - 25 | 3.7 - 18 | 387 | 3.1 | 1.41 | 3/8 - 5/8 | 10 - 17 |

| 2000 SERIES* | NM | MAX TORQUE FT-LB | NM | TORQUE RANGE FT-LB | FREE SPEED RPM | LB | WEIGHT (-) SOCKET KG | IN | OUTPUT DRIVE NM |
|---------------|----|------------------|---------|--------------------|----------------|-----|----------------------|--------------|-----------------|
| AET32020C(DL) | 20 | 15 | 4 - 16 | 3.0 - 12 | 622 | 3.1 | 1.41 | 1/4 - 7/16 | 7 - 12 |
| AET32025C(DL) | 25 | 18 | 5 - 20 | 3.7 - 15 | 466 | 4.0 | 1.81 | 3/8 - 5/8 | 10 - 17 |
| AET32035C(DL) | 35 | 26 | 7 - 28 | 5.2 - 21 | 347 | 4.5 | 2.04 | 1/2 - 7/8 | 13 - 24 |
| AET32050C(DL) | 50 | 37 | 10 - 40 | 7.4 - 30 | 257 | 5.6 | 2.54 | 5/8 - 1-3/16 | 17 - 32 |

* Add "DL" to part numbers for double levers. Request specific socket size when placing your order. AIMCO offers a wide variety of socket sizes to fit your needs. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

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.



ACRADYNE HOLD & DRIVE NUTRUNNERS

FEATURES AND BENEFITS

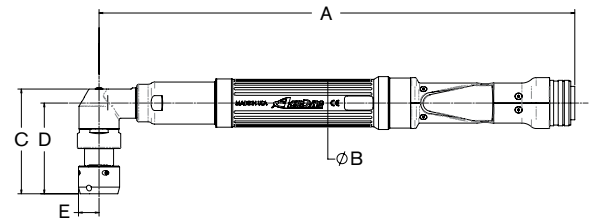
- Torques ranging from 20 Nm – 200 Nm
- Very robust design
- 1" and 2" travels are standard
- Sockets and holders are custom



APPLICATION DATA

| MODEL* | NM | MAX TORQUE | FT-LB | NM | TORQUE RANGE | FT-LB | FREE SPEED RPM | WEIGHT LB | | MIN/MAX SOCKET |
|-------------------|-----|------------|-------|----------|--------------|----------|----------------|-----------|-----------|-------------------------------|
| AEH4F12020B-(1,2) | 20 | | 15 | 4 - 20 | | 3 - 15 | 533 | -1 = 2.8 | -2 = 3.0 | 9/16 (14 MM) / 13/16, (21 MM) |
| AEH4F12026B-(1,2) | 26 | | 19 | 5 - 26 | | 4 - 19 | 432 | -1 = 2.8 | -2 = 3.1 | 9/16 (14 MM) / 13/16, (21 MM) |
| AEH32025C-(1,2) | 25 | | 18 | 5 - 25 | | 4 - 18 | 833 | -1 = 3.5 | -2 = 3.5 | 9/16 (14 MM) / 13/16, (21 MM) |
| AEH32030C-(1,2) | 30 | | 22 | 6 - 30 | | 4 - 22 | 803 | -1 = 3.5 | -2 = 3.6 | 9/16 (14 MM) / 13/16, (21 MM) |
| AEH32040C-(1,2) | 40 | | 30 | 8 - 40 | | 6 - 30 | 574 | -1 = 3.5 | -2 = 3.7 | 9/16 (14 MM) / 13/16, (21 MM) |
| AEH33042C-(1,2) | 42 | | 31 | 10 - 42 | | 7 - 31 | 1,095 | -1 = 5.6 | -2 = 5.8 | 9/16 (14 MM) / 13/16, (21 MM) |
| AEH33053C-(1,2) | 53 | | 39. | 12 - 53 | | 8 - 39 | 865 | -1 = 5.6 | -2 = 5.8 | 9/16 (14 MM) / 13/16, (21 MM) |
| 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) |
| 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) |
| 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) |
| AEH33200C-(1,2) | 200 | | 148 | 40 - 200 | | 29 - 148 | 245 | -1 = 10.0 | -2 = 10.4 | 5/8 (16 MM) / 1-1/4, (32 MM) |
| 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) |
| 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) |
| 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) |
| AEH35225B-(1,2) | 225 | | 166 | 56 - 225 | | 41 - 166 | 291 | -1 = 12.9 | -2 = 13.3 | 3/4 (19MM) / 1-1/4, (32 MM) |
| AEH35285B-(1,2) | 285 | | 210 | 71 - 285 | | 52 - 210 | 236 | -1 = 12.9 | -2 = 13.3 | 3/4 (19MM) / 1-1/4, (32 MM) |
| AEH35350B-(1,2) | 350 | | 258 | 88 - 350 | | 65 - 258 | 191 | -1 = 12.9 | -2 = 13.3 | 3/4 (19MM) / 1-1/4, (32 MM) |

* Add "1" to part numbers for 1" travel. Add "2" to part numbers for 2" travel.



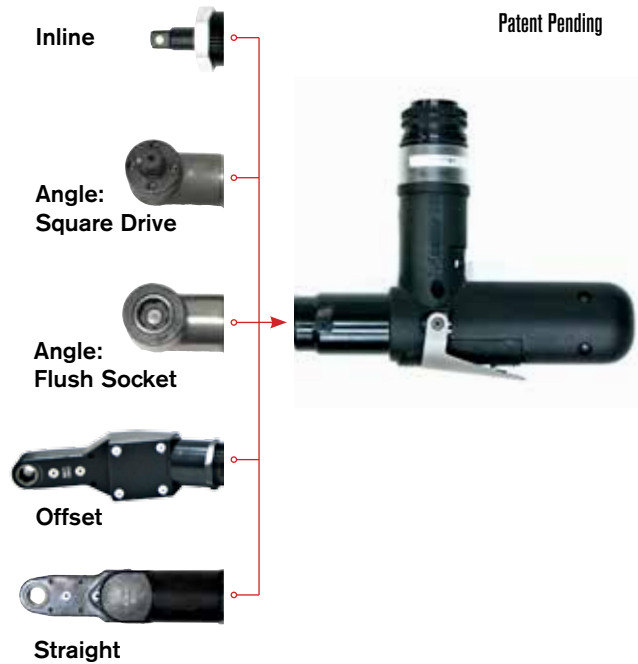
DIMENSIONS

| MODEL | IN | (A) | MM | IN | (B) | MM | IN | (C) | MM | IN | (D)* | MM | IN | (E) | MM |
|---------------|-------|-----|-------|------|-----|------|------|-----|-------|------|------|--------|------|-----|------|
| AEH4F12020B-1 | 14.59 | | 370.7 | 1.59 | | 40.4 | 3.72 | | 94.4 | 3.17 | | 80.6 | .76 | | 19.3 |
| AEH4F12026B-1 | 14.59 | | 370.7 | 1.59 | | 40.4 | 3.72 | | 94.4 | 3.17 | | 80.6 | .76 | | 9.3 |
| AEH32025C-1 | 14.59 | | 370.7 | 1.85 | | 47 | 3.72 | | 94.4 | 3.17 | | 80.6 | .76 | | 19.3 |
| AEH32030C-1 | 14.59 | | 370.7 | 1.85 | | 47 | 3.72 | | 94.4 | 3.17 | | 80.6 | .76 | | 19.3 |
| AEH32040C-1 | 14.59 | | 370.7 | 1.85 | | 47 | 3.72 | | 94.4 | 3.17 | | 80.6 | .76 | | 19.3 |
| AEH33042C-1 | 16.79 | | 426.5 | 1.85 | | 47 | 3.72 | | 94.4 | 3.17 | | 80.6 | .76 | | 19.3 |
| AEH33053C-1 | 16.79 | | 426.5 | 1.85 | | 47 | 3.72 | | 94.4 | 3.17 | | 80.6 | .76 | | 19.3 |
| AEH33060C-1 | 18.92 | | 480.5 | 1.96 | | 49.8 | 4.04 | | 102.5 | 3.37 | | 85.66 | .94 | | 23.9 |
| AEH33090C-1 | 18.92 | | 480.5 | 1.96 | | 49.8 | 4.04 | | 102.5 | 3.37 | | 85.66 | .94 | | 23.9 |
| AEH33120C-1 | 21.00 | | 533.5 | 1.96 | | 49.8 | 4.87 | | 123.7 | 4.09 | | 103.82 | 1.13 | | 28.6 |
| AEH33200C-1 | 23.21 | | 589.5 | 1.96 | | 49.8 | 4.87 | | 123.7 | 4.09 | | 103.82 | 1.13 | | 28.6 |
| AEH35090B-1 | 22.63 | | 574.8 | 2.31 | | 58.7 | 4.02 | | 102.1 | 3.36 | | 85.26 | 1.32 | | 33.4 |
| AEH35140B-1 | 22.52 | | 571.9 | 2.31 | | 58.7 | 4.87 | | 123.7 | 4.09 | | 103.82 | 1.13 | | 28.6 |
| AEH35175B-1 | 22.52 | | 571.9 | 2.31 | | 58.7 | 4.87 | | 123.7 | 4.09 | | 103.82 | 1.13 | | 28.6 |
| AEH35225B-1 | 22.92 | | 582.2 | 2.31 | | 58.7 | 5.52 | | 140.1 | 5.52 | | 112.2 | 1.32 | | 33.4 |
| AEH35285B-1 | 22.92 | | 582.2 | 2.31 | | 58.7 | 5.52 | | 140.1 | 5.52 | | 112.2 | 1.32 | | 33.4 |
| AEH35350B-1 | 22.92 | | 582.2 | 2.31 | | 58.7 | 5.52 | | 140.1 | 5.52 | | 112.2 | 1.32 | | 33.4 |

ACRADYNE MID-EXIT CABLE NUTRUNNERS

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

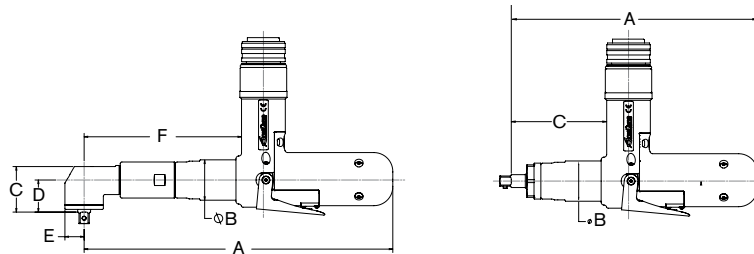


Specialized heads and blades available by request.
Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

APPLICATION DATA

| MODEL* | NM | MAX TORQUE | FT-LB | NM | TORQUE RANGE | FT-LB | FREE SPEED RPM | LB | WEIGHT (-) SOCKET | KG | OUTPUT DRIVE |
|-----------------|----|------------|-------|-----------|--------------|-----------|----------------|-----|-------------------|------|--------------|
| AEN4C22015BM(F) | 15 | | 11 | 3.75 - 15 | | 2.77 - 11 | 700 | 2.6 | | 1.18 | 3/8 sq. dr. |
| AEN4F22030BM(F) | 30 | | 22 | 7.5 - 30 | | 5.53 - 22 | 675 | 3.3 | | 1.50 | 3/8 sq. dr. |
| AEN4F22037BM(F) | 37 | | 29 | 9.25 - 37 | | 6.82 - 29 | 533 | 3.3 | | 1.50 | 3/8 sq. dr. |
| AEN4F22044BM(F) | 44 | | 32 | 11 - 40 | | 8.11 - 29 | 432 | 3.3 | | 1.50 | 3/8 sq. dr. |
| AES4A22020BVM | 20 | | 15 | 5 - 20 | | 3.7 - 15 | 1050 | 2.4 | | 1.09 | 3/8 sq. dr. |
| AES4A22025BVM | 25 | | 18 | 6.3 - 25 | | 4.6 - 18 | 830 | 2.4 | | 1.09 | 3/8 sq. dr. |
| AES4A22030BVM | 30 | | 22 | 7.5 - 30 | | 5.5 - 22 | 672 | 2.4 | | 1.09 | 3/8 sq. dr. |
| AES4A22040BVM | 40 | | 30 | 10 - 40 | | 7.4 - 30 | 525 | 2.4 | | 1.09 | 3/8 sq. dr. |

* Add "F" to part numbers for flush socket.



DIMENSIONS

| MODEL | IN | (A) | MM | IN | (B) | MM | IN | (C) | MM | IN | (D) | MM | IN | (E) | MM | IN | (F) | MM |
|--------------|-------|-----|-------|------|-----|------|------|-----|------|------|-----|------|-----|-----|------|------|-----|-------|
| AEN4C22015BM | 9.02 | | 229.1 | 1.47 | | 37.3 | 1.29 | | 32.8 | .82 | | 20.9 | .52 | | 13.1 | 5.53 | | 140.4 |
| AEN4F22030BM | 11.24 | | 285.6 | 1.47 | | 37.3 | 1.66 | | 42.1 | 1.17 | | 29.7 | .70 | | 17.8 | 5.73 | | 145.6 |
| AEN4F22037BM | 11.24 | | 285.6 | 1.47 | | 37.3 | 1.66 | | 42.1 | 1.17 | | 29.7 | .70 | | 17.8 | 5.73 | | 145.6 |
| AEN4F22044BM | 11.24 | | 285.6 | 1.47 | | 37.3 | 1.66 | | 42.1 | 1.17 | | 29.7 | .70 | | 17.8 | 5.73 | | 145.6 |
| AES4A22020BM | 9.0 | | 228.1 | 1.47 | | 37.3 | 3.49 | | 88.6 | - | | - | - | | - | - | | - |
| AES4A22025BM | 9.0 | | 228.1 | 1.47 | | 37.3 | 3.49 | | 88.6 | - | | - | - | | - | - | | - |
| AES4A22030BM | 9.0 | | 228.1 | 1.47 | | 37.3 | 3.49 | | 88.6 | - | | - | - | | - | - | | - |
| AES4A22040BM | 9.0 | | 228.1 | 1.47 | | 37.3 | 3.49 | | 88.6 | - | | - | - | | - | - | | - |

ACRADYNE RIV-NUT NUTRUNNERS

FEATURES AND BENEFITS

- Top and rear exit cable are standard
- Straight, Fixtured, and Push-to-Start models are available by request. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.



Top Exit Cable



Rear Exit Cable

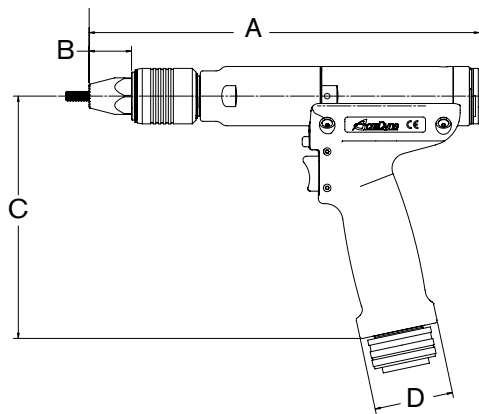


Bottom Exit Cable

APPLICATION DATA

| 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 |
| AEP4(A)(R)(T)12006BR | 6 | 4.4 | 1.5 - 6 | 1.1 - 4.4 | 2,625 | 2.2 | 1.00 | 3/8 | 9.68 | 245.9 | 1.05 | 26.7 | 6.01 | 152.6 | 1.96 | 49.8 |
| AEP4(A)(R)(T)12011BR | 11 | 8.1 | 2.8 - 11 | 2 - 8.1 | 1,313 | 2.3 | 1.04 | 3/8 | 9.68 | 245.9 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)12014BR | 14 | 10 | 3.5 - 14 | 2.6 - 10 | 1,037 | 2.3 | 1.04 | 3/8 | 9.68 | 245.9 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)12018BR | 18 | 13 | 4.5 - 18 | 3.3 - 13 | 840 | 2.3 | 1.04 | 3/8 | 9.68 | 245.9 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)12022BR | 22 | 16 | 5.5 - 22 | 4.1 - 16 | 656 | 2.3 | 1.04 | 3/8 | 9.68 | 245.9 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)22020BR | 20 | 15 | 5 - 20 | 3.7 - 15 | 1,313 | 2.4 | 1.09 | 3/8 | 10.18 | 258.6 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)22025BR | 25 | 18 | 6.3 - 25 | 4.6 - 18 | 1,037 | 2.4 | 1.09 | 3/8 | 10.18 | 258.6 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)22030BR | 30 | 22 | 7.5 - 30 | 5.5 - 22 | 840 | 2.4 | 1.09 | 3/8 | 10.18 | 258.6 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |
| AEP4(A)(R)(T)22040BR | 40 | 30 | 10 - 40 | 7.4 - 30 | 656 | 2.4 | 1.09 | 3/8 | 10.18 | 258.6 | 1.05 | 26.7 | 6.87 | 174.5 | 1.96 | 49.8 |

* Add "A" to part numbers for bottom exit cable models, Add "R" to part numbers for rear exit cable models, Add "T" to part numbers for top exit cable models.



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

- One of the most accurate high-torque tools in the world today
- Up to 100 times faster than hydraulic tools
- 250 Nm – 12,000 Nm
- Ergonomic, robust design with five handle configurations
- Over 300 models to choose from
- Built-in integral transducer for optimal monitoring and control
- The world's ONLY traceable system at the square drive
- Data retrieval
- Designed and **MADE IN THE USA**



Straight Lever Type (AES)



Pistol Type (AEP)



Rear Mounted Pistol (AED)



Axial Type (AEJ)



Fixtured Type (AEF)

| FIXED GEARCASE MODEL* | SERIES | APPROX. TORQUE | | APPROX. SPEED RPM | WEIGHT | | LENGTH | | DIA. | | DRIVE IN | SOUND LEVEL dB(A) |
|---|-----------|----------------|-------|-------------------|--------|------|--------|------|------|-----|----------|-------------------|
| | | NM | FT-LB | | KG | LB | MM | IN | MM | IN | | |
| (AEP) (AED) (AES) (AEJ) (AEF)4A66250B | 6000 | 250 | 185 | 315 | 4.6 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A66425B | 6000 | 425 | 315 | 165 | 4.6 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A66625B | 6000 | 625 | 460 | 106 | 4.8 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A66925B | 6000 | 925 | 682 | 72 | 4.8 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A771200B | 7000 | 1,200 | 885 | 65 | 6.6 | 14.5 | 259 | 10.2 | 76 | 3.0 | 1 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A773000B | 7000 | 3,000 | 2,213 | 25 | 7.5 | 16.5 | 294 | 11.6 | 76 | 3.0 | 1 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A884200B1 | 8000 | 4,200 | 3,100 | 12 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A884200B | 8000 | 4,200 | 3,100 | 12 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1.5 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A885000B | 8000 | 5,000 | 3,700 | 9 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1.5 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A896500B | 8000/9000 | 6,500 | 4,800 | 7 | 15.7 | 34.5 | 378 | 14.9 | 101 | 4.0 | 1.5 | 66 |
| (AEP) (AED) (AES) (AEJ) (AEF)4A898100B | 8000/9000 | 8,100 | 6,000 | 5 | 15.7 | 34.5 | 378 | 14.9 | 101 | 4.0 | 1.5 | 66 |
| (AEP) (AEJ)4A8X12000B | 8000/9000 | 12,000 | 8,850 | 3.5 | 23.0 | 51.0 | 526 | 21 | 131 | 5.2 | 1.5 | 66 |

* Add "B" to the end of the model number for bottom exit cable (AEF fixtured models only).

| 360° SWIVEL GEARCASE MODEL | SERIES | APPROX. TORQUE | | APPROX. SPEED RPM | WEIGHT | | LENGTH | | DIA. | | DRIVE IN | SOUND LEVEL dB(A) |
|----------------------------|-----------|----------------|-------|-------------------|--------|------|--------|------|------|-----|----------|-------------------|
| | | NM | FT-LB | | KG | LB | MM | IN | MM | IN | | |
| (AEP) (AEJ)4B66250B | 6000 | 250 | 185 | 315 | 5.3 | 12 | 305 | 12 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AEJ)4B66425B | 6000 | 425 | 315 | 165 | 5.3 | 12 | 305 | 12 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AEJ)4B66625B | 6000 | 625 | 460 | 106 | 5.5 | 12 | 305 | 12 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AEJ)4B66925B | 6000 | 925 | 682 | 72 | 5.5 | 12 | 305 | 12 | 66 | 2.6 | 0.75 | 66 |
| (AEP) (AEJ)4B771200B | 7000 | 1200 | 885 | 65 | 7.3 | 16 | 310 | 12.2 | 76 | 3.0 | 1 | 66 |
| (AEP) (AEJ)4B773000B | 7000 | 3,000 | 2,213 | 25 | 8.2 | 18 | 345 | 13.6 | 76 | 3.0 | 1 | 66 |
| (AEP) (AEJ)4B884200B1 | 8000 | 4,200 | 3,100 | 12 | 11.8 | 26 | 391 | 15.4 | 86 | 3.6 | 1 | 66 |
| (AEP) (AEJ)4B884200B | 8000 | 4,200 | 3,100 | 12 | 11.8 | 26 | 391 | 15.4 | 86 | 3.6 | 1.5 | 66 |
| (AEP) (AEJ)4B885000B | 8000 | 5,000 | 3,700 | 9 | 11.8 | 26 | 391 | 15.4 | 86 | 3.6 | 1.5 | 66 |
| (AEP) (AEJ)4B896500B | 8000/9000 | 6,500 | 4,800 | 7 | 16.4 | 36 | 429 | 16.9 | 101 | 4.0 | 1.5 | 66 |
| (AEP) (AEJ)4B898100B | 8000/9000 | 8,100 | 6,000 | 5 | 16.4 | 36 | 429 | 16.9 | 101 | 4.0 | 1.5 | 66 |
| (AEP) (AEJ)4B8X12000B | 8000/9000 | 12,000 | 8,850 | 3.5 | 24.0 | 52.5 | 564 | 22 | 131 | 5.2 | 1.5 | 66 |

ACRADYNE HIGH TORQUE DC ANGLE TOOLS

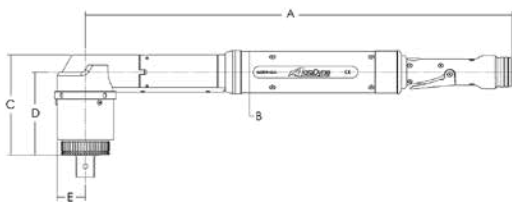
FEATURES AND BENEFITS

- 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
- Smallest tools of their kind on the market
- Same durable, high-cycle gearing as our other HT-series tools
- Models up to 12,000 Nm available upon request



SPECIFICATIONS

| MODEL | MAX. TORQUE* | | TORQUE RANGE | | FREE SPEED RPM | WEIGHT | | OUTPUT DRIVE |
|-------------|--------------|-------|--------------|-------------|-------------------|--------|------|-------------------|
| | NM | FT-LB | NM | FT-LB | | LB | KG | |
| AEN356540A | 540 | 398 | 135 - 540 | 100 - 398 | 109 | 13.1 | 5.95 | 3/4" Square Drive |
| AEN3571000A | 1,000 | 737 | 250 - 1,000 | 184 - 737 | 61 | 16.3 | 7.39 | 1" Square Drive |
| AEN3571600A | 1,600 | 1,180 | 400 - 1,600 | 295 - 1,180 | 33 | 16.7 | 7.57 | 1" Square Drive |
| AEN3572600A | 2,600 | 1,917 | 650 - 2,600 | 479 - 1,917 | 21 | 18.5 | 8.40 | 1" Square Drive |



| DIMENSIONS | A | | B | | C | | D | | E | |
|-------------|-------|-------|------|------|------|-------|------|-------|------|------|
| | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| AEN356540A | 22.58 | 573.6 | 2.31 | 58.7 | 4.75 | 120.6 | 4.05 | 102.8 | 1.33 | 33.7 |
| AEN3571000A | 22.92 | 582.2 | 2.31 | 58.7 | 5.36 | 136.1 | 4.44 | 112.7 | 1.53 | 38.7 |
| AEN3571600A | 22.92 | 582.2 | 2.31 | 58.7 | 5.36 | 136.1 | 4.44 | 112.7 | 1.53 | 38.7 |
| AEN3572600A | 22.92 | 582.2 | 2.31 | 58.7 | 6.77 | 171.9 | 5.86 | 148.8 | 1.53 | 38.7 |

ACRADYNE HIGH TORQUE DUAL LEVER AND GEARHEAD TOOLS

DUAL LEVER TOOLS

FEATURES AND BENEFITS

- Additional safety when using a tool with a reaction bar or nose extension
- Requires both hands to start the tool, keeping hands clear of application
- Helps avoid accidental starting of the tool
- Available in three handle types: "Handle Bar" (F) style, Straight (S) style with side handle, and Pistol (P) style



| MODEL* (HANDLE TYPE) | SERIES | APPROX. TORQUE | | APPROX. SPEED | WEIGHT | | LENGTH | | DIA. | | DRIVE IN | SOUND LEVEL dB(A) |
|------------------------------|-----------|----------------|-------|---------------|--------|------|--------|------|------|-----|----------|-------------------|
| | | NM | FT-LB | RPM | KG | LB | MM | IN | MM | IN | | |
| AE(S)(F)(P)4(A)(B)66250 | 6000 | 250 | 185 | 315 | 4.6 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4(A)(B)66425BDL | 6000 | 425 | 315 | 165 | 4.6 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4(A)(B)66625BDL | 6000 | 625 | 460 | 106 | 4.8 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4(A)(B)66925BDL | 6000 | 925 | 682 | 72 | 4.8 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4(A)(B)771200BDL | 7000 | 1,200 | 885 | 65 | 6.6 | 14.5 | 259 | 10.2 | 76 | 3.0 | 1 | 66 |
| AE(S)(F)(P)4(A)(B)773000BDL | 7000 | 3,000 | 2,213 | 25 | 7.5 | 16.5 | 294 | 11.6 | 76 | 3.0 | 1 | 66 |
| AE(S)(F)(P)4(A)(B)884200B1DL | 8000 | 4,200 | 3,100 | 12 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1 | 66 |
| AE(S)(F)(P)4(A)(B)884200BDL | 8000 | 4,200 | 3,100 | 12 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1.5 | 66 |
| AE(S)(F)(P)4(A)(B)885000BDL | 8000 | 5,000 | 3,700 | 9 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1.5 | 66 |
| AE(S)(F)(P)4(A)(B)896500BDL | 8000/9000 | 6,500 | 4,800 | 7 | 15.7 | 34.5 | 378 | 14.9 | 101 | 4.0 | 1.5 | 66 |
| AE(S)(F)(P)4(A)(B)898100BDL | 8000/9000 | 8,100 | 6,000 | 5 | 15.7 | 34.5 | 378 | 14.9 | 101 | 4.0 | 1.5 | 66 |
| AEF4(A)(B)891200BDL | 8000/9000 | 12,000 | 8,850 | 3.5 | 23.0 | 51.0 | 526 | 21 | 131 | 5.2 | 1.5 | 66 |

* The fifth digit of the model number is "A" for fixed gearcase models and "B" for 360° swivel gearcase models.
 - Above data is for 360° swivel gearcase models. For non-clutched models, reduce weight by 1.5 lb (0.7 kg) and length by 2 in (51 mm).
 - For Straight Type tools Choose the position of the handle by adding (L) for left side and (R) for right side

HT GEARHEAD TOOLS

FEATURES AND BENEFITS

- Custom made to 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



ACRADYNE HIGH TORQUE ACCESSORIES



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



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.

Swivel Handle



Swivel Bail



Fixed Handle

Hoist Ring



Fixed Handle with Hoist Ring

| MODEL | DESCRIPTION |
|-------|--|
| 26477 | Swivel Bail, 6000 Series |
| 26327 | Swivel Bail, 7000 Series |
| 26630 | Swivel Bail, 8000 Series |
| 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 |

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 |
| | 26815 | 2.375" Offset, 6000 Series |
| Single Ended Offset | 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 |
| 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 |

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 | | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ |

* 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

Recommended Torque Range

Max Torque

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



HIGH TORQUE SERIES

| MODEL | RPM** | LENGTH | | WEIGHT | | TORQUE, Nm | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-------|--------|-----|--------|------|------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|-------|--|--|
| | | IN | MM | LB | KG | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 850 | 1100 | 1200 | 1300 | 1500 | 2000 | 2500 | 3000 | 4000 | 5000 | 6500 | 8100 | 12000 | | |
| ()4(A)(B)66200B | 315 | 12 | 305 | 12 | 5.3 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)66425B | 165 | 12 | 305 | 12 | 5.3 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)66625B | 106 | 12 | 305 | 12 | 5.5 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)66925B | 72 | 12 | 305 | 12 | 5.5 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)771200B | 65 | 12.2 | 310 | 16 | 7.3 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)773000B | 25 | 13.6 | 345 | 18 | 8.2 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)884200B1 | 12 | 15.4 | 391 | 26 | 11.8 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)884200B | 12 | 15.4 | 391 | 26 | 11.8 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)885000B | 9 | 15.4 | 391 | 26 | 11.8 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)896500B | 7 | 16.9 | 429 | 36 | 16.4 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)898100B | 5 | 16.9 | 429 | 36 | 16.4 | | | | | | | | | | | | | | | | | | | | | | |
| ()4(A)(B)8X12000B | 3.5 | 22 | 564 | 52.5 | 24.0 | | | | | | | | | | | | | | | | | | | | | | |

Recommended Torque Range

Max Torque

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 | Cable G3 Tool Cable 3M | 3 | 9.8 |
| 25350 | Cable G3 Tool Cable 5M | 5 | 16.4 |
| 24320 | Cable G3 Tool Cable 10M | 10 | 32.8 |
| 27110 | Cable G3 Tool Cable 3M Lightweight* | 3 | 9.8 |
| 27115 | Cable G3 Tool Cable 5M Lightweight* | 5 | 16.4 |
| 27122 | Cable G3 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 | | |
| | 25646 | G1 iEC to G3 Cable Adapter |
| | 26934 | G3 iEC to G1 Cable Adapter |
| | 27210 | G3 Tool to G1 Cable Adapter |
| | 26364 | Right Angle Cable Adapter |
| | 26594 | Conversion Kit G1 iEC to G3 iEC |
| | 27370 | Conversion Kit G3 iEC to G1 iEC |
| | 25491 | Breakaway Cable Connector – Ensures disconnect of cable should stress in excess of 40 occur |

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 |

CABLE TESTER UNIT

AcraDyne's Cable Tester Unit helps diagnose and verify functionality of AcraDyne Tool Cables.

- Eliminate guesswork as to whether cable is damaged or is functioning within specifications
- Verifies each specific conductor within the cable for continuity

| | MODEL | DESCRIPTION |
|--|-------|--|
| | 26700 | Cable Tester Unit, G3 |
| | 26709 | Adapter, G3 Tool to G1 Cable (Cable Tester only) |

ACRADYNE ACCESSORIES

SOCKET TRAY

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



AMPST-2-I



AMPST-6-I









AMPST-6S-I

| 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). Please let your AIMCO representative know of your specific requirements when inquiring.

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 |
|---|-------|---|
|  | 25501 | Wire Bail for 1000 Series Tools |
|  | 27594 | Stationary Bail for 1000 Series Tools |
|  | 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 |
|  | 28475 | Rotating Bail for AEN33042C and AEN33053C |
|  | 23575 | Rotating Bail for 3000 Series Tools |

SLIDING SPINDLES



20712

20848

| MODEL | DESCRIPTION |
|-------|---|
| 20712 | Sliding Spindle 2" Stroke 2000 Series Tools, 3/8" Drive |
| 20848 | Sliding Spindle 2" Stroke 3000 Series Tools, 1/2" Drive |
| 28843 | Spindle Assembly, 2" Stroke, 5000 Series, 3/4" Drive |

VERTICAL TOOL HANGER

Designed for AcraDyne Gen 1 tools, tool hangers are a great way to keep a tool in place when not being used.



21159

ACRADYNE ACCESSORIES

CONTROLLER BRACKETS



| MODEL | DESCRIPTION |
|-------|---|
| 20322 | Basic wall-mounting plate |
| 20853 | Table stand free standing platform |
| 27816 | Mounting bracket with internal wireways |

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 |
| 24924 | Mounting Flange for 1000/2000 Series Straight and Pistol Tools |
| 28622 | Mounting Flange for 2000 Series Inline Tools |

| MODEL | DESCRIPTION |
|-------|---|
| 30340 | Mounting Bracket for 2000 Series Angle Tools |
| 25718 | Mounting Bracket for 3000/5000 Series Angle Tools |
| 26570 | Mounting Bracket for 3000/5000 Series Straight Tools |
| 25265 | Angle head Mounting Bracket (Cradle type) for 3000/5000 Angle Tools over 225 Nm |
| 30351 | Mounting Bracket, Drive End for 2000 Series Inline Tools |



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



28489 Light Tower Bracket for Gen IV Controller

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 |

BAR CODE SCANNER



28859 Bluetooth®-Enabled Scanner Kit

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.

- 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 CORDLESS TOOLS

UNMATCHED ACCURACY

FEATURES AND BENEFITS

- Pistol Tool Torque Range: 1.5–14 Nm
Angle Tool Torque Range: 1.5–120 Nm
Straight Tool Torque Range: 1.5–14 Nm
- Transducerized for precise delivery of torque and angle to the fastener
- Self-contained with on-board control
- Load tool programming software through USB cable interface
- Vibration alarm handle provides tactile feedback
- Programmable
 - Torque
 - Angle
 - RPM
 - Time
 - Fastening direction
- 100 PSET
- Six step, multi-stage job functionality
- Multicolor LED status screen
- 150,000 results stored on-board



ABP-CTA11Q



ABS-CTA11WQ



ABN-CTA90

| MODEL | TORQUE RANGE | | MAX SPEED RPM | DRIVE TYPE | WEIGHT W/O BATTERY | |
|-------------------------|--------------|-------------|------------------|---------------|-----------------------|-----|
| | NM | FT-LB | | | KG | LB |
| PISTOL | | | | | | |
| ABP-CTA11Q(WQ)(BQ)(WBQ) | 1.5 - 11.0 | 1.1 - 8.1 | 570 | 1/4" QC | 1.15 | 2.5 |
| ABP-CTA14Q(WQ)(BQ)(WBQ) | 3.0 - 14.0 | 2.2 - 10.3 | 460 | 1/4" QC | 1.15 | 2.5 |
| ANGLE | | | | | | |
| ABN-CTA10(W)(B)(WB) | 1.5 - 10.0 | 1.1 - 7.4 | 570 | 3/8" Sq. | 1.35 | 3.0 |
| ABN-CTA12(W)(B)(WB) | 2.5 - 12.0 | 1.8 - 8.9 | 380 | 3/8" Sq. | 1.4 | 3.1 |
| ABN-CTA20(W)(B)(WB) | 5.0 - 20.0 | 3.7 - 14.8 | 300 | 3/8" Sq. | 1.2 | 2.6 |
| ABN-CTA30(W)(B)(WB) | 8.0 - 30.0 | 5.9 - 22.1 | 170 | 3/8" Sq. | 1.2 | 2.6 |
| ABN-CTA55(W)(B)(WB) | 15.0 - 55.0 | 11.1 - 40.6 | 90 | 3/8" Sq. | 1.4 | 3.1 |
| ABN-CTA90(W)(B)(WB) | 25.0 - 90.0 | 18.4 - 66.4 | 60 | 1/2" Sq. | 2.9 | 6.4 |
| ABN-CTA120(W)(B)(WB) | 35.0 - 120 | 25.8 - 88.5 | 50 | 1/2" Sq. | 3.1 | 6.8 |
| STRAIGHT | | | | | | |
| ABS-CTA11Q(WQ)(BQ)(WBQ) | 1.5 - 11.0 | 1.1 - 8.1 | 570 | 1/4" QC | 0.95 | 2.1 |
| ABS-CTA14Q(WQ)(BQ)(WBQ) | 3.0 - 14.0 | 2.2 - 10.3 | 460 | 1/4" QC | 0.95 | 2.1 |

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

ACRADYNE CORDLESS TOOLS

BATTERIES

- Up to 40% lighter than Ni-MH batteries
- Deep-discharge protection prevents battery failure



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

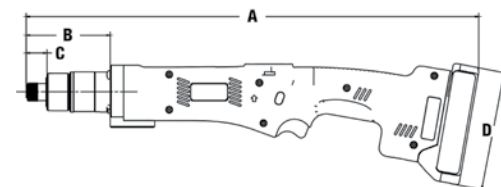
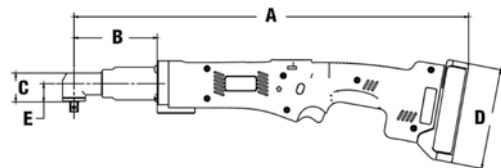
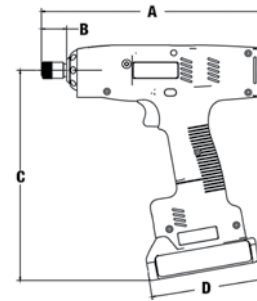
BATTERY CHARGERS

- Battery defect detection
- Microprocessor-controlled charging: Charging time is dependent on the capacity of the battery
- Reverse polarity protection
- Automatic battery voltage detection

| 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" wide x 4.21" tall x 6.02" deep 86 mm wide x 107 mm tall x 153 mm deep | 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" wide x 4.21" tall x 6.02" deep 86 mm wide x 107 mm tall x 153 mm deep | 1.2 Lb/.55 kg |

TOOL DIMENSIONS

| MODEL | A | | B | | C | | D | | E | |
|-------------------------|------|-----|------|-----|-----|-----|-----|-----|-----|----|
| | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| PISTOL | | | | | | | | | | |
| ABP-CTA11Q(WQ)(BQ)(WBQ) | 9.1 | 230 | 1 | 26 | 8.6 | 218 | 4.5 | 115 | - | - |
| ABP-CTA14Q(WQ)(BQ)(WBQ) | 9.1 | 230 | 1 | 26 | 8.6 | 218 | 4.5 | 115 | - | - |
| ANGLE | | | | | | | | | | |
| ABN-CTA10(W)(B)(WB) | 17.8 | 451 | 3.7 | 95 | 1.3 | 33 | 4.5 | 115 | 0.8 | 21 |
| ABN-CTA12(W)(B)(WB) | 17.8 | 451 | 3.7 | 95 | 1.3 | 33 | 4.5 | 115 | 0.8 | 21 |
| ABN-CTA20(W)(B)(WB) | 17.8 | 451 | 3.7 | 95 | 1.3 | 33 | 4.5 | 115 | 0.8 | 21 |
| ABN-CTA30(W)(B)(WB) | 20.6 | 523 | 6.8 | 173 | 1.7 | 42 | 4.5 | 115 | 1.1 | 29 |
| ABN-CTA55(W)(B)(WB) | 22 | 559 | 8.2 | 209 | 1.7 | 42 | 4.5 | 115 | 1.1 | 29 |
| ABN-CTA90(W)(B)(WB) | 25.7 | 653 | 11.9 | 303 | 1.9 | 49 | 4.5 | 115 | 1.4 | 35 |
| ABN-CTA120(W)(B)(WB) | 28.1 | 715 | 14.4 | 365 | 2.8 | 71 | 4.5 | 115 | 2.1 | 54 |
| STRAIGHT | | | | | | | | | | |
| ABS-CTA11Q(WQ)(BQ)(WBQ) | 17.2 | 437 | 3.2 | 81 | 0.8 | 20 | 4.5 | 115 | - | - |
| ABS-CTA14Q(WQ)(BQ)(WBQ) | 17.2 | 437 | 3.2 | 81 | 0.8 | 20 | 4.5 | 115 | - | - |



ACRADYNE SYSTEMS



MULTIPLE NUTRUNNING SYSTEMS

AIMCO can integrate the AcraDyne tool spindle into a customized Multiple Nutrunning 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

ACRADYNE HIGH TORQUE PNEUMATIC TOOLS

FEATURES AND BENEFITS

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

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



AAP1B66600A



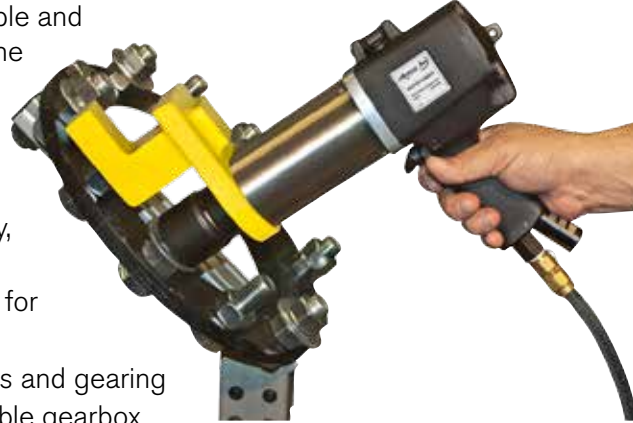
AAP1B76950A



AAP1B772000A



AAP1B885100A



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

AIR PREPARATION UNITS

Many stacking filter/regulator combinations are available. See page 37 for options.



AFRL-4



AFRL-4HTA
Standalone Unit

28178
HT Air Tool/AFRL
Carrying Kit



ACRADYNE HIGH-SPEED SERIES HIGH TORQUE PNEUMATIC TOOLS

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

FEATURES AND BENEFITS

- Extremely fast rundown speed due to the dual motor design
- High torque output to weight ratio
- No reaction force due to the reaction bar and swivel gearbox
- Full swivel gearcase facilitates reaction bar positioning for ease of use and operator comfort
- Handle exhaust with low sound level
- Low air consumption compared to large motor frame type tools
- Uses the same durable and reliable gearbox from our DC line of high torque tools
- Modular design allows for easy maintenance
- One motor is used for all models in the range
- Two-piece handle construction enables flexible handle design
- Available in reversible and non-reversible models



AAP2B76950A



AAP2B771400A

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

*Add "R" to part numbers for reversible models.

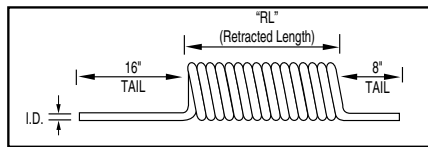
ACRADYNE HT PNEUMATIC TOOL ACCESSORIES

Polyurethane Hose for HT Tools



ASH-500C-15MSZ

- 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



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.

SINGLE AIR HOSE ASSEMBLIES (COILED)

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



STRAIGHT AIR HOSE (SOLD PER FOOT)

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

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

Rubber Hose for HT Tools



28796
1/2" ID

- 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. See page 25 for part numbers. 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.



Reaction Bars

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

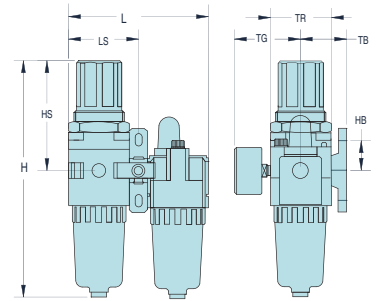
Stacking filter/regulator combinations provide air filtration and precise regulation in a single unit for easy mounting and installation.

FEATURES AND BENEFITS

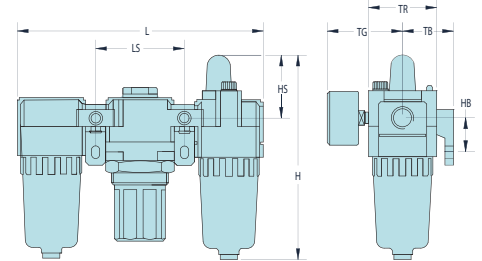
- All models include L-mount bracket, gauge, and metal bowl shields
- Polycarbonate filter and lubricator bowls (metal bowls standard on AFRL-8)
- 25-micron filter included on all models
- Regulating range: 7 – 125 PSI
- Custom order upgrade items include metal bowl, 5 micron filter, semi-automatic filter 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



AFRL-2-C
AFRL-3-C



AFRL-3
AFRL-4
AFRL-8



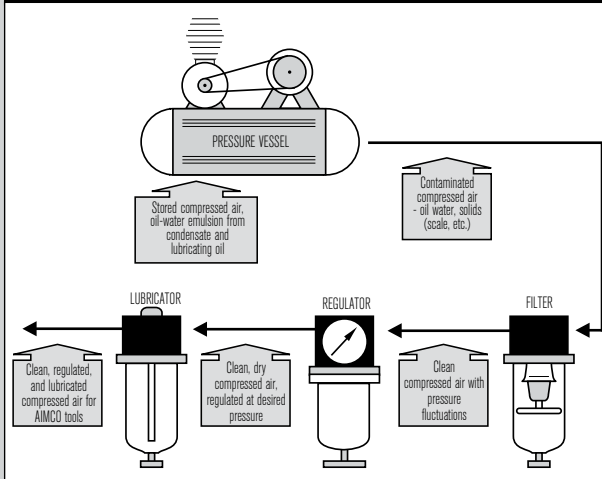
28178
HT Air Tool/AFRL
Carrying Kit

AFRL-4HTA
Standalone Unit



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

AIR PREPARATION UNITS: BASIC FUNCTIONS



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

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

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

GCI TORQUE REACTION ARMS

RUGGED FLEXIBILITY FOR EVEN THE MOST COMPLEX TORQUE APPLICATIONS



Carbon Fiber Arm

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 encoders and intuitive PC-based AdaptiCS software. This complete Smart Arm system error-proofs even the most complex torque applications.

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
 - Intuitive, user-friendly AdaptiCS PC-based software that runs on an integrated industrial PC or on a customer supplied PC
 - Accepts easily scalable part images

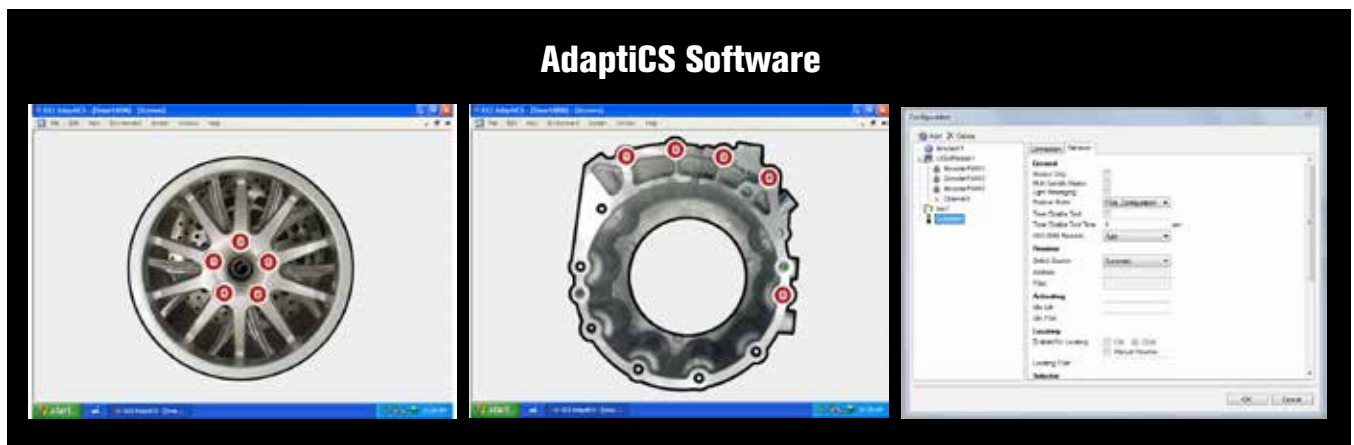


Rugged tablet PC option for Smart Arm

| 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 TORQUE REACTION ARMS

FEATURES



- 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)
- Fully programmable dynamic display with integrated PC option
- Multiple rework strategies to fit customer requirements
- 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

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