

HIGH CAPABILITY TOOLING





ACHIEVING ASSEMBLY EXCELLENCE



Since 1970, **AIMCO** has been providing Global Assembly and Critical Bolting Tooling solutions for the Automotive, Electronics, Aerospace, Energy Services, and General Assembly Industries.

Headquartered in Portland, Oregon, **AIMCO** has become a leading importer and exporter of industrial power tools. **AIMCO** currently exports to over 33 countries including Mexico, Brazil, Germany, France, Korea, China, the UK, India, Denmark, and most recently in Russia.

In 1999, AIMCO began manufacturing its **AcraDyne**^{*} line, which produces a complete line of DC Controlled Tools and custom built multiple spindle systems. Our service, repair, and calibration labs provide fast turnaround on repairs; additionally, all electronic torque equipment meets NIST standards.

If **Productivity**, **Ergonomics**, **Reliability**, and **Quality** are driving forces in your business, then let **AcraDyne*** be your value-added partner. **AcraDyne*** provides cost-effective solutions for our customers by resolving challenges related to tightening and critical bolting strategies, tool selection and installation, joint failure analysis, audit trails, and methods. This, combined with operator training, maximizes the production efficiencies our tools provide.

AcraDyne[®] produces a complete line of DC Controlled Tools as well as custom built multiple spindle systems ranging from approximately .5 to 12,000 Nm. *All Made in the USA*.

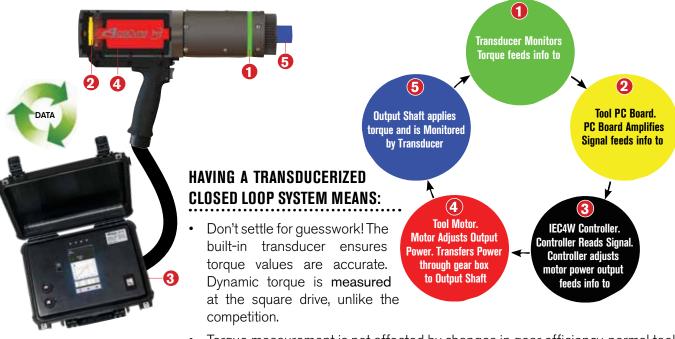
Our strategically located sales force, coupled with our worldwide distribution, make **AcraDyne**[®] the right choice for you.

ISO 9001: 2015 Certified



HIGH TORQUE DC BOLTING TOOLS

The Driving Force in Critical Bolting



- Torque measurement is not affected by changes in gear efficiency, normal tool wear between calibrations, temperature, voltage, or motor performance.
- On-tool LEDs for Accept/Reject signals.
- The system can easily be verified and calibrated anywhere.
- Interchangeable tools, cables, and controllers calibrations are specific to the tool not the system as a whole.



CHOOSE YOUR HANDLE

raDvne



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)



Fixtured Type (AEF)

| FIXED GEARCASE | | APPROX. | TORQUE | APPROX. SPEED | WEI | GHT | LEN | GTH | DI | Α. | DRIVE | SOUND LEVEL |
|---|-----------|---------|--------|---------------|------|------|-----|------|-----|-----|-------|-------------|
| MODEL* | SERIES | NM | FT-LB | RPM | KG | LB | MM | IN | MM | IN | IN | dB(A) |
| (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. NM | TORQUE FT-LB | APPROX. SPEED RPM | WEI KG | GHT LB | LEN MM | GTH IN | DI MM | A. IN | DRIVE IN | SOUND LEVEL dB(A) |
|-------------------------------|-----------|---------------|-----------------|----------------------|-----------|-----------|-----------|-----------|----------|----------|-------------|----------------------|
| (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 |

Scalue HIGH TORQUE DC BOLTING TOOLS

Providing Unmatched Accuracy

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



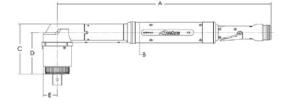






SPECIFICATIONS

| | MAX. TO | ORQUE* | TORQUE | RANGE | FREE SPEED | WEI | GHT | |
|-------------|---------|--------|-------------|-------------|------------|------|------|-------------------|
| MODEL | NM | FT-LB | NM | FT-LB | RPM | LB | KG | OUTPUT DRIVE |
| 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 |







| | , | 4 | E | 3 | | C | |) | E | |
|-------------|-------|-------|------|------|------|-------|------|-------|------|------|
| DIMENSIONS | 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 |



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



| FIXED GEARCASE MODEL | SERIES | | ROX. QUE FT-LB | APPROX. SPEED RPM | WEI KG | GHT LB | LEN MM | IGTH IN | DI MM | A. IN | DRIVE IN | SOUND LEVEL dB(A) |
|-------------------------|-----------|--------|----------------------|-------------------------|-----------|-----------|-----------|------------|----------|----------|-------------|-------------------------|
| AE(S)(F)(P)4A66250BDL | 6000 | 250 | 185 | 315 | 3.9 | 9 | 203 | 8 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4A66425BDL | 6000 | 425 | 315 | 165 | 3.9 | 9 | 203 | 8 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4A66625BDL | 6000 | 625 | 460 | 106 | 4.1 | 9 | 203 | 8 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4A66925BDL | 6000 | 925 | 682 | 72 | 4.1 | 9 | 203 | 8 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4A771200BDL | 7000 | 1,200 | 885 | 65 | 5.9 | 13 | 208 | 8.2 | 76 | 3.0 | 1 | 66 |
| AE(S)(F)(P)4A773000BDL | 7000 | 3,000 | 2,213 | 25 | 6.8 | 15 | 243 | 9.6 | 76 | 3.0 | 1 | 66 |
| AE(S)(F)(P)4A884200B1DL | 8000 | 4,200 | 3,100 | 12 | 10.4 | 23 | 289 | 11.4 | 86 | 3.6 | 1 | 66 |
| AE(S)(F)(P)4A884200BDL | 8000 | 4,200 | 3,100 | 12 | 10.4 | 23 | 289 | 11.4 | 86 | 3.6 | 1.5 | 66 |
| AE(S)(F)(P)4A885000BDL | 8000 | 5,000 | 3,700 | 9 | 10.4 | 23 | 280 | 11.4 | 86 | 3.6 | 1.5 | 66 |
| AE(S)(F)(P)4A896500BDL | 8000/9000 | 6,500 | 4,800 | 7 | 15.0 | 33 | 327 | 12.9 | 101 | 4.0 | 1.5 | 66 |
| AE(S)(F)(P)4A898100BDL | 8000/9000 | 8,100 | 6,000 | 5 | 15.0 | 33 | 327 | 12.9 | 101 | 4.0 | 1.5 | 66 |
| AEF4A8X12000BDL | 8000/9000 | 12,000 | 8,850 | 3.5 | 22.3 | 48.5 | 475 | 19.0 | 131 | 5.2 | 1.5 | 66 |

- For Straight Type tools Choose the position of the handle by adding (L) for left side and (R) for right side

| 360° SWIVEL GEARCASE MODEL | SERIES | | ROX. QUE FT-LB | APPROX. SPEED RPM | WE KG | IGHT LB | LEN MM | IGTH IN | DI MM | A. IN | DRIVE IN | SOUND LEVEL dB(A) |
|-------------------------------|-----------|--------|----------------------|-------------------------|----------|------------|-----------|------------|----------|----------|-------------|-------------------------|
| AE(S)(F)(P)4B66250BDL | 6000 | 250 | 185 | 315 | 4.6 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4B66425BDL | 6000 | 425 | 315 | 165 | 4.6 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4B66625BDL | 6000 | 625 | 460 | 106 | 4.8 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4B66925BDL | 6000 | 925 | 682 | 72 | 4.8 | 10.5 | 254 | 10 | 66 | 2.6 | 0.75 | 66 |
| AE(S)(F)(P)4B771200BDL | 7000 | 1,200 | 885 | 65 | 6.6 | 14.5 | 259 | 10.2 | 76 | 3.0 | 1 | 66 |
| AE(S)(F)(P)4B773000BDL | 7000 | 3,000 | 2,213 | 25 | 7.5 | 16.5 | 294 | 11.6 | 76 | 3.0 | 1 | 66 |
| AE(S)(F)(P)4B884200B1DL | 8000 | 4,200 | 3,100 | 12 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1 | 66 |
| AE(S)(F)(P)4B884200BDL | 8000 | 4,200 | 3,100 | 12 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1.5 | 66 |
| AE(S)(F)(P)4B885000BDL | 8000 | 5,000 | 3,700 | 9 | 11.1 | 24.5 | 340 | 13.4 | 86 | 3.6 | 1.5 | 66 |
| AE(S)(F)(P)4B896500BDL | 8000/9000 | 6,500 | 4,800 | 7 | 15.7 | 34.5 | 378 | 14.9 | 101 | 4.0 | 1.5 | 66 |
| AE(S)(F)(P)4B898100BDL | 8000/9000 | 8,100 | 6,000 | 5 | 15.7 | 34.5 | 378 | 14.9 | 101 | 4.0 | 1.5 | 66 |
| AEF4B8X12000BDL | 8000/9000 | 12,000 | 8,850 | 3.5 | 23.0 | 51.0 | 526 | 21 | 131 | 5.2 | 1.5 | 66 |

- For Straight Type tools Choose the position of the handle by adding (L) for left side and (R) for right side



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NOSE EXTENSIONS

FEATURES AND BENEFITS

 Ideal for hard-to-reach applications when a torque tube, or arm, is not desirable

HIGH TORQUE DC BOLTING TOOLS

- 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



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







GEN IV ACE CONTROLLER PLATFORM

The AcraDyne Gen IV ACE controller platform 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.



FEATURES AND BENEFITS

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

NETWORKING CAPABILITIES

- Ethernet Protocols including Open Protocol, Ethernet/IP & PFCS
- Modular field bus connectivity: PROFIBUS, DeviceNET, Modbus TCP, or any fieldbus offered by

🛞 Anybus'

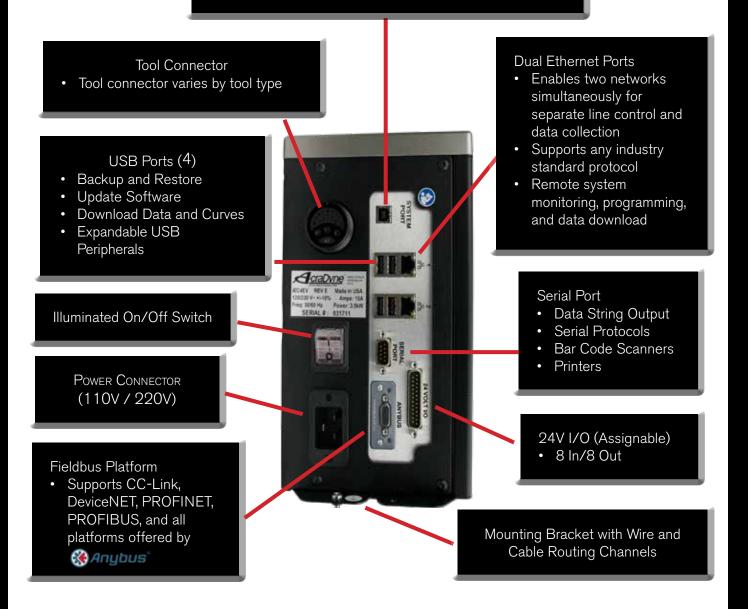
- Data collection
- · Serial protocols and string output
- Bar code scanning & printing
- Multi-spindle synchronization



GEN IV CONTROLLER

System Port

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



| A <u>craDyne</u> | 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 | Х | L/D | | Х | Х | Х | | | | | |
| iEC4EV | Х | L/D | Х | Х | Х | Х | | | | | |
| iEC4EG | Х | L/D/G | | Х | Х | Х | | | | | |
| iEC4EGV | Х | L/D/G | Х | Х | Х | Х | | | | | |

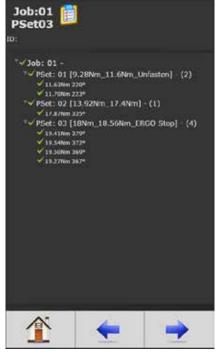
* Ethernet channel supports the Open Protocol, Toolsnet, EtherNet/IP, Modbus/TCP, and other protocols.

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'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.

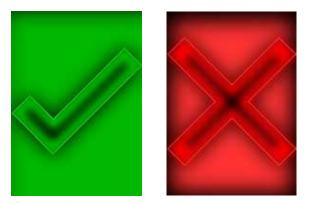


Adding and editing Parameter Sets (256) and Jobs (99) is easy and intuitive in the parameter set up function.





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® HIGH TORQUE BATTERY TOOLS

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

FEATURES AND BENEFITS

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

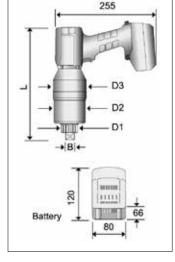


PRODUCTIVITY • Two Lithium-Ion battery packs ensure up to 360 tightenings. Each battery features an LED charge level indicator ERGONOMICS • Low weight relative to the torque delivered

- Ergonomically designed
- Low noise emissions
- **R**ELIABLILTY Low-wear brushless, synchronous motor is maintenance free
- QUALITY Exact shut-off torque even at low battery levels



- Each tool comes with two 18 V, 5.2 Ah lithium-ion batteries and a battery charger. Battery and charger are also available to purchase separately.
- Battery: ABG-B1852 110V Charger: ABG-C110 220V Charger: ABG-C220



| | TORQUE | RANGE** | SQ. DRIVE | | DIAMETER | | LEN | IGTH | WEI | GHT | IDLE SPE | EED (RPM) |
|-------------|-------------|-------------|-----------|----------------|----------------|----------------|------|------|------|-----|----------|-----------|
| MODEL* | NM | FT-LB | IN | D ₁ | D_2 | D ₃ | IN | MM | LB | KG | 1ST GEAR | 2ND GEAR |
| ABG860-KIT | 115 - 860 | 85 - 635 | 3/4 | 41 mm / 1.6 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 11.6 | 295 | 12.1 | 5.5 | 7.0 | 24.0 |
| ABG1400-KIT | 150 - 1,400 | 110 - 1,030 | 3/4 | 41 mm / 1.6 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 11.6 | 295 | 12.1 | 5.5 | 4.0 | 13.0 |
| ABG2200-KIT | 250 - 2,200 | 185 - 1,620 | 1 | 54 mm / 2.1 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 12.6 | 320 | 15.4 | 7.0 | 2.0 | 6.5 |
| ABG2800-KIT | 300 - 2,800 | 220 - 2,065 | 1 | 54 mm / 2.1 in | 85 mm / 3.3 in | 88 mm / 3.5 in | 13.6 | 345 | 16.3 | 7.4 | 1.7 | 6.0 |
| ABG3200-KIT | 360 - 3,200 | 265 - 2,360 | 1 | 72 mm / 2.8 in | 93 mm / 3.7 in | 97 mm / 3.8 in | 14.6 | 370 | 16.3 | 7.4 | 1.5 | 5.0 |
| ABG4100-KIT | 500 - 4,100 | 370 - 3,025 | 1-1/2 | 72 mm / 2.8 in | 93 mm / 3.7 in | 97 mm / 3.8 in | 14.6 | 370 | 20.1 | 9.1 | 1.0 | 4.0 |

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

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



HIGH CAPACITY TEST STANDS



AHCTS-001K



AHCTS-K STAND FOR HYDRAULIC TOOLS

The AHCTS-K stands are specifically designed for hydraulic wrench testing. Hydraulic wrenches have very low profiles but very high torque output, therefore, working height must be minimized to prevent side loading which could lead to errors in data or damage to tool or reaction devices.

Either stand can be ordered with options such as extension legs, casters, embedded or attached torque analyzers with various rundown fixtures and reaction devices. Contact an AIMCO Customer Service Associate for additional information, 1-503-254-6600, or toll free 1-800-852-1368.

| MODEL | DESCRIPTION | CAPACITY Ft-Lb |
|------------|-------------------------------------|-------------------|
| AHCTS-0.5K | ¾" Square Drive w/reaction device | 500 |
| AHCTS-001K | 1" Square Drive w/reaction device | 1,000 |
| AHCTS-2.5K | 1.5" Square Drive w/reaction device | 2,500 |
| AHCTS-005K | 1.5" Square Drive w/reaction device | 5,000 |
| AHCTS-010K | 1.5" Square Drive w/reaction device | 10,000 |
| AHCTS-025K | 2" Square Drive w/reaction device | 25,000 |

Please refer to Configuration Options on following page for required ordering options.

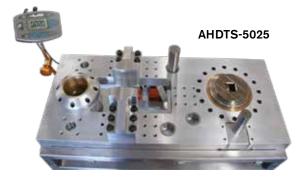


AHCTS TEST STAND FOR ROTATING TOOLS

Designed for testing tools with continuous rotating output spindles. The test stand includes a rundown fixture, bushing for side load support, reaction post or reaction paddles, transducer and torque analyzer display.

| MODEL | DESCRIPTION |
|------------|-------------------------------------|
| AHCTS-0500 | ¾" Square Drive w/rundown fixture |
| AHCTS-2500 | 1.5" Square Drive w/rundown fixture |
| AHCTS-5000 | 1.5" Square Drive w/rundown fixture |
| AHCTS-7500 | 1.5" Square Drive w/rundown fixture |

Please refer to Configuration Options on following page for required ordering options.



AHDTS DUAL TEST STAND FOR ROTATING AND HYDRAULIC TOOLS

This stand has two transducers embedded into the base, one for rotary tools and one for hydraulic tools. It comes with rundown and reaction fixtures and one display.

| MODEL | DESCRIPTION |
|------------------------|---|
| AHDTS-5025 | 1.5" Sq Dr dual station w/rundown fixture and reaction devices |
| Contact an AIMCO Custo | omer Service Associate for ordering options, 1-503-254-6600, or toll free |

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

ACCESSORIES

Ring

ACCESSORIES

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



REACTION BARS



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

| | MODEL | DESCRIPTION |
|---------------------|-------|----------------------------|
| | 26810 | 6000 Series |
| 0 | 26800 | 7000 Series |
| | 25277 | 8000 Series |
| Single Ended Flat | 27255 | 9000 Series |
| | 26815 | 2.375" Offset, 6000 Series |
| | 26885 | 4.00" Offset, 6000 Series |
| | 27200 | 3.10" Offset, 7000 Series |
| 0 | 26890 | 4.00" Offset, 7000 Series |
| | 25274 | 3.35" Offset, 8000 Series |
| Single Ended Offset | 25275 | 4.00" Offset, 8000 Series |
| | 26840 | 3.35" Offset, 9000 Series |
| - | 26830 | 6000 Series |
| | 26820 | 7000 Series |
| Double Ended Flat | 25278 | 8000 Series |
| - | | |
| | 25276 | 3.35" Offset, 8000 Series |
| Double Ended Offset | | |

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 Swivel D-Handle, 8000 Series 25291 26479 Stationary Bail, 6000 series (26336 handle not included) 26332 Stationary Bail, 7000 series (26336 handle not included) Stationary Bail, 8000 series (26336 handle not included) 25289 26336 Fixed Handle (for use with 26479, 26332, 25289) Rear Fixed Hoist Ring, 6000/7000/8000 Series Pistols 26337 Rear Folding Hoist Ring Kit for 8000 Series Pistols 28514 28549 Sliding Spindle, 6000 Series Sliding Spindle, 7000 Series 27045 30300 Sliding Spindle, 8000 Series

PROTECTIVE COVERS FOR DC TOOLS



Durable protective covers prevent marring and damage.

| MODEL | DESCRIPTION |
|---------|-------------------------------|
| BJ10078 | Protective Cover, 6000 Series |
| BJ10077 | Protective Cover, 7000 Series |
| BJ10076 | Protective Cover, 8000 Series |

CABLE ADAPTERS AND CONNECTORS



25491 Breakaway Cable Connector

| 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 lbs occur | | | |

CABLES

| Cable and connectors | |
|----------------------|-----|
| provide excellent | |
| ergonomics, | 1.0 |
| maximum-quality | - |
| signal transfer, and | â |
| full CE compliance. | S. |
| | |

| MODEL | DESCRIPTION | LENGTH |
|-------|-------------------------|----------------|
| 24330 | Cable G3 Tool Cable 3M | 3 m (9.8 ft) |
| 25350 | Cable G3 Tool Cable 5M | 5 m (16.4 ft) |
| 24320 | Cable G3 Tool Cable 10M | 10 m (32.8 ft) |

TOOL SPECIALS



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



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| ABG1400-KIT | AEF4(A)(B)896500BDL6 | AEP4A885000B | AES4(A)(B)66925BDL(L,R)6 | 25646 |
| ABG2200-KIT | AEF4(A)(B)898100BDL6 | AEP4A896500B4 | AES4(A)(B)771200BDL(L,R)6 | 26327 |
| ABG2800-KIT | AEF4(A)(B)8X12000BDL6 | AEP4A898100B | AES4(A)(B)773000BDL(L,R)6 | 26328 |
| ABG3200-KIT | AEJ4A8X12000B 4 | AEP4(A)(B)66250BDL6 | AES4(A)(B)884200B1DL(L,R)6 | 26332 |
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APPLICATIONS - PARTIAL REFERENCES



PETROCHEM

- Reactor
- Cracker
- Heat-Exchanger
- Valves, Pumps
- Compressors
- Heaters



COMPRESSOR STATION

- Tie Rod
- Engines
- Compressors
- Turbines
- Pipe-Line
- Well Heads



STEEL MILL

- Sintering
- Blast Furnace
- Hot Strip
- Cold Roll
- Central Machine
- Pipe Shop



WIND TURBINE

- Tower Bolts
- Foundation Bolts
- Bearing Housing
- Shrink Disc
- Gear Mount
- Hub Bearing



OFFSHORE

- Diesel Engine
- Mud Pump
- Crane
- Vessel Thruster
- Stacks



POWER

- Steam Turbine
- Gas Turbine
- Hydro Turbine
- Comb. Cycle
- Valves, Pumps, Reactors, Pipes



MINING

- Shovel & Drill
- Ball Mill
- Long-Wall
- Hoist
- Car Carrier



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