AcraDyne®

A Division of AIMCO



HIGH CAPABILITY TOOLING

2017/18



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

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ACRADYNE®

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* ∈ 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 ∈ logo in this catalog to see where ERGO-DRIVE sockets/extensions benefit tool operation, operator, and rundown.

ACRADYNE GEN IV ACE CONTROLLER

AcraDyne®
A Division of AIMCO

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



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

Visit our NEW website **www.aimco-global.com**

ACRADYNE GEN IV ACE CONTROLLER

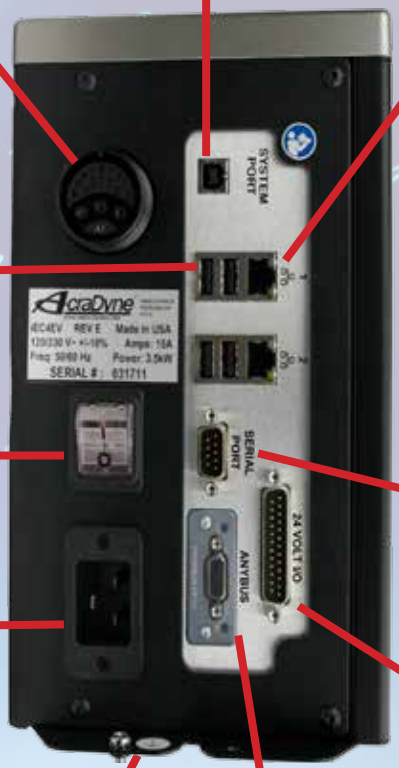
System Port
- Uses standard USB Type-B cable
- Easily connect to any computer to run software, program your controller, and download data and curve.

Tool Connector
- Tool connector varies by tool type

USB Ports (4)
- Backup and Restore
- Update Software
- Download Data and Curves
- Expandable USB Peripherals

Illuminated On/Off Switch

Power Connector
(110V / 220V)



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

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

24V I/O (Assignable)
- 8 In/8 Out

Mounting Bracket with Wire and Cable Routing Channels

Fieldbus Platform
- Supports CC-Link, DeviceNET, PROFINET, PROFIBUS and all platforms offered by Anybus

ACRADYNE GEN IV ACE CONTROLLER






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.






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.

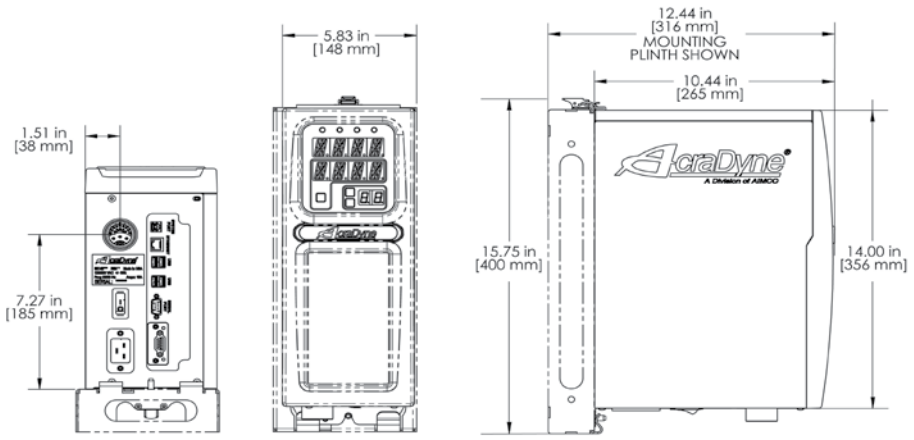
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ACRADYNE GEN IV ACE CONTROLLER

NETWORK CONNECTIVITY



DIMENSIONS

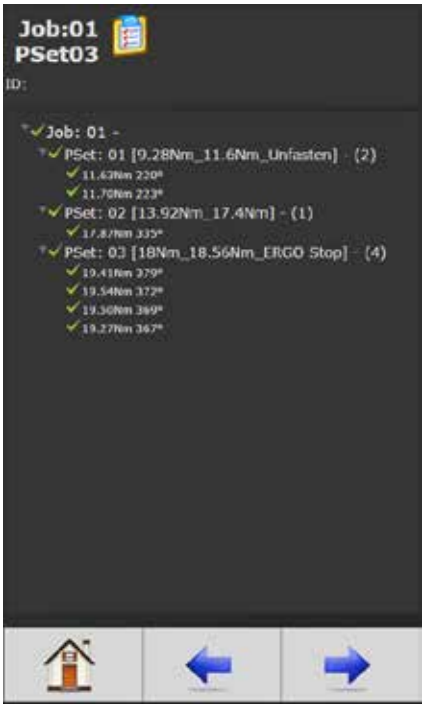


WIDTH	HEIGHT	DEPTH	WEIGHT
5.83 in / 148 mm	15.75 in / 400 mm	12.44 in / 316 mm	15.65 lb / 7.1 kg

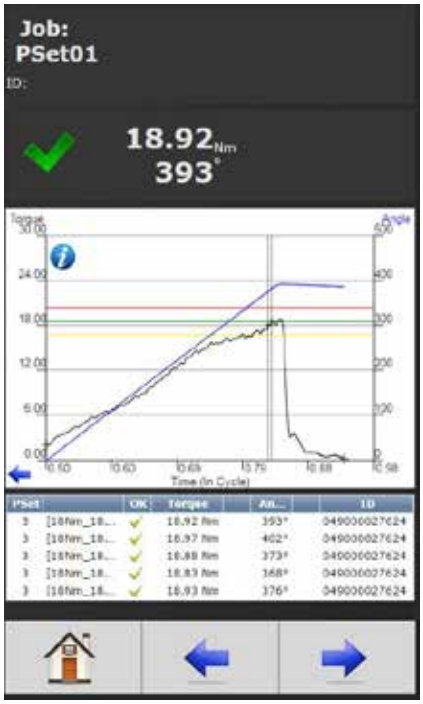
SOFTWARE

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.

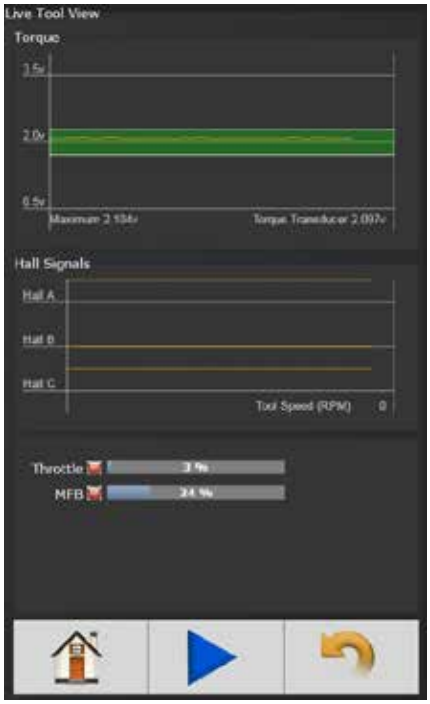
The software is based on a standard web browser, allowing you to connect the AcraDyne controller with any computer, tablet, or smart device. Connect through Ethernet, USB, or wirelessly via a network connected to both devices.



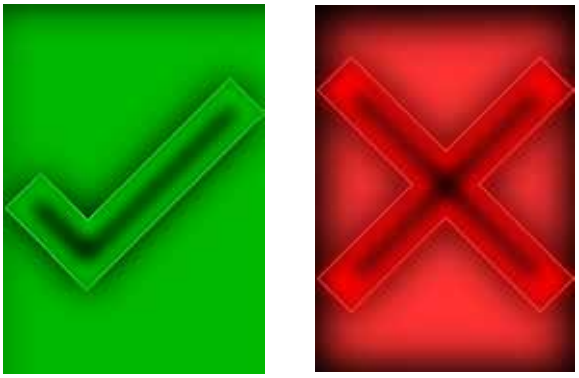
Adding and editing Parameter Sets (256) and Jobs (99) is easy and intuitive in the parameter set up function.



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	1/4 Q.C.
AEN4C12009B	9		6.6	2.3 - 9		1.7 - 6.6	1,750	2.2		1.00	3/8 sq. dr.
AEN4C12014B	14		10	3.5 -14		2.6 - 10	875	2.2		1.00	3/8 sq. dr.
AEN4C12018B	18		13	4.5 - 18		3.3 - 13	691	2.2		1.00	3/8 sq. dr.
AEN4C12022B	22		16	5.5 - 22		4.1 - 16.	560	2.2		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	3/8 sq. dr.
AES4A12006B(V)(Q)	6		4.4	1.5 - 6		1.1 - 4.4	2,625	2.0		0.91	3/8 sq. dr.
AES4A12011B(V)(Q)	11		8.1	2.8 - 11		2 - 8.1	1,313	2.2		1.00	3/8 sq. dr.
AES4A12014B(V)(Q)	14		10	3.5 - 14		2.6 - 10	1,037	2.2		1.00	3/8 sq. dr.
AES4A12018BV	18		13	4.5 - 18		3.3 - 13	840	2.2		1.00	3/8 sq. dr.
AES4A12022BV	22		16	5.5 - 22		4.1 - 16	656	2.2		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	3/8 sq. dr.
AEL4A12006B(Q)	6		4.4	1.5 - 6		1.1 - 4.4	2,625	2.0		0.91	3/8 sq. dr.
AEL4A12011B(Q)	11		8.1	2.8 - 11		2 - 8.1	1,313	2.2		1.00	3/8 sq. dr.
AEL4A12014B(Q)	14		10	3.5 - 14		2.6 - 10	1,037	2.2		1.00	3/8 sq. dr.
AEL4A12018B	18		13	4.5 - 18		3.3 - 13	840	2.2		1.00	3/8 sq. dr.
AEL4A12022B	22		16	5.5 - 22		4.1 - 16	656	2.2		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	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	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	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	3/8 sq. dr.
AEF4(A)(C)(X)12018B(B)	18		13	4.5 - 18		3.3 - 13	840	2.2		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	3/8 sq. dr.

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

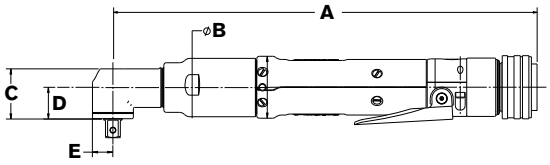
** "V" indicates extended Ergo-Drive output. Replace "V" with "Q" for 1/4" quick change output.

*** 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.

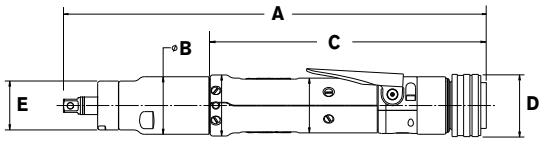
* ℮ logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

ACRADYNE 1000 SERIES NUTRUNNERS



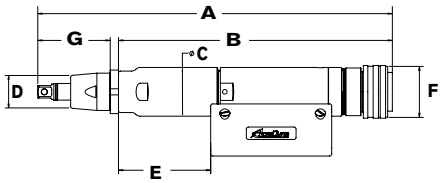
DIMENSIONS

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





APPLICATION DATA

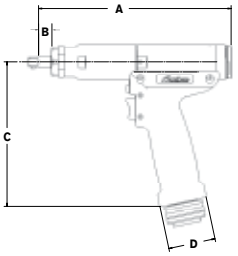
	MAX TORQUE		TORQUE RANGE		FREE SPEED	WEIGHT (-) SOCKET		OUTPUT	(A)		(B)		(C)		(D)	
	NM	FT-LB	NM	FT-LB	RPM	LB	KG	SQ DR	IN	MM	IN	MM	IN	MM	IN	MM
1000 SERIES*																
AEP4(A)(R)(T)12003B(V)(Q)	3	2.2	0.8 - 3	0.6 - 2.2	2,625	2.2	1.00	3/8*	7.34	178.8	0.54	13.7	6.01	152.6	1.96	49.7
AEP4(A)(R)(T)12006B(V)(Q)	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. 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

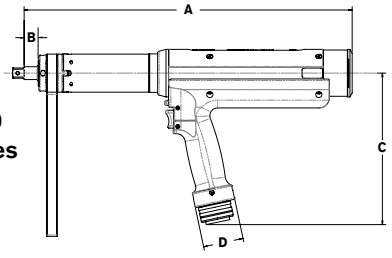
	MAX TORQUE		TORQUE RANGE		FREE SPEED	WEIGHT (-) SOCKET		OUTPUT	(A)		(B)		(C)		(D)	
	NM	FT-LB	NM	FT-LB	RPM	LB	KG	SQ DR	IN	MM	IN	MM	IN	MM	IN	MM
5000 SERIES																
AEP35075AV(T)	75	55	19 - 75	14 - 55	944	9.2	4.17	1/2	15.95	405.2	.68	17.4	7.37	187.1	1.96	49.7
AEP35090AV(T)	90	66	23 - 90	17 - 66	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.
Add "T" to part numbers for top exit cable models

1000 Series
2000 Series



5000 Series



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

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.



AEN33060C



AEN33200CF





AEN32015C



AEN32025CDL



AEN35140B



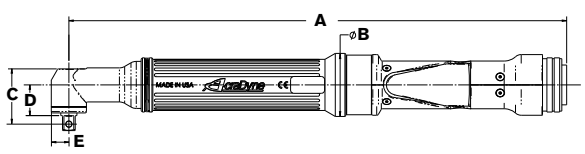
AEN35285B

APPLICATION DATA

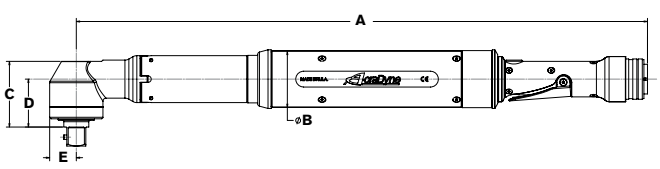
	MAX TORQUE		TORQUE RANGE		FREE SPEED	WEIGHT (-) SOCKET		OUTPUT	(A)		(B)		(C)		(D)		(E)	
	NM	FT-LB	NM	FT-LB	RPM	LB	KG	SQ. DR	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
2000 SERIES																		
AEN32015C(DL)	15	11	3 - 15	2.2 - 11	1,481	2.7	1.22	3/8	14.61	371	1.85	47	1.37	34.8	.90	22.9	.52	13.1
AEN32025C(DL)	25	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.



AES32010CV



AES33060C-2



AES32038CV



AES33040CV



AES35170AV



AES35280A

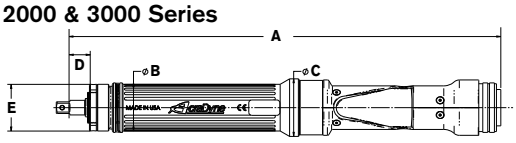
APPLICATION DATA

	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	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
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

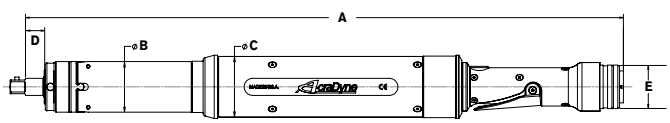
* 2000 series tools are available in "V" for Ergo-Drive and Q for 1/4" quick-change models only as noted in the table.
3000 series tools are available in "V" for Ergo-Drive and "-2" models for 2" sliding spindle only as noted in the table.
5000 series tools: "V" indicates extended Ergo-Drive output.

** Includes reaction bar and fixture nut

2000 & 3000 Series



5000 Series



* ϵ 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



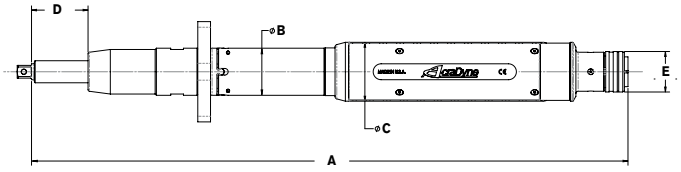
AEF35135AB-2
2" Sliding Spindle, Bottom Exit Cable

APPLICATION DATA

5000 SERIES*	NM	MAX TORQUE	FT-LB	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.

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

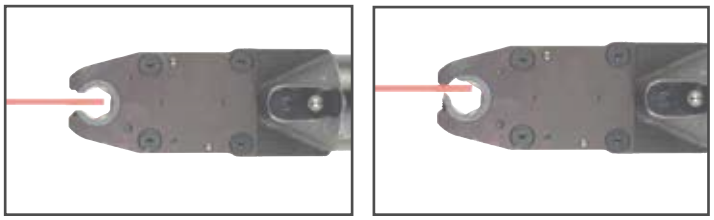


AET 1000 Series Model



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.





FEATURES AND BENEFITS

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



AEH33120C-1

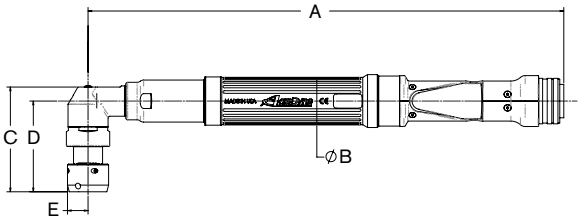


AEH32040C-1

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.



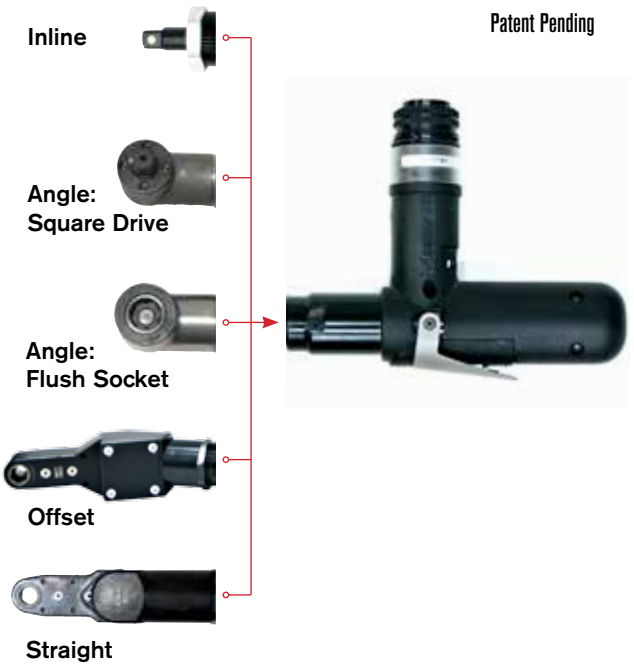
DIMENSIONS

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

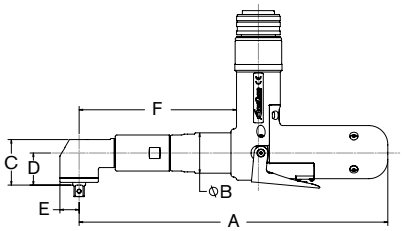


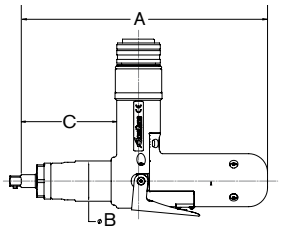
Specialized heads and blades available by request.
Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

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		–			–			–	

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

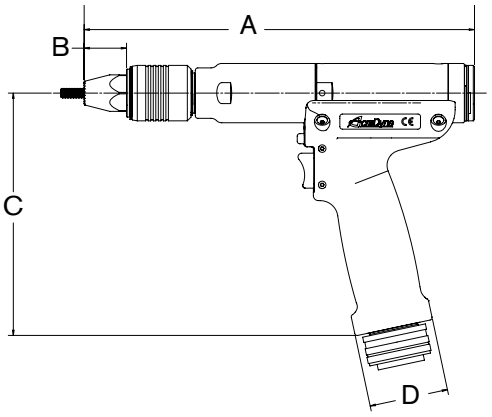


Bottom Exit Cable

APPLICATION DATA

	MAX TORQUE		TORQUE RANGE		FREE SPEED	WEIGHT (-) SOCKET		OUTPUT	(A)		(B)		(C)		(D)*	
MODEL*	NM	FT-LB	NM	FT-LB	RPM	LB	KG	SQ DR	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**



Pistol Type (AEP)



Rear Mounted Pistol (AED)



Axial Type (AEJ)



Straight Lever Type (AES)



Fixtured Type (AEF)

FIXED GEARCASE MODEL*	SERIES	APPROX. TORQUE NM	APPROX. TORQUE FT-LB	APPROX. SPEED RPM	WEIGHT KG	WEIGHT LB	LENGTH MM	LENGTH IN	DIA. MM	DIA. IN	DRIVE IN	SOUND LEVEL 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. TORQUE NM	APPROX. TORQUE FT-LB	APPROX. SPEED RPM	WEIGHT KG	WEIGHT LB	LENGTH MM	LENGTH IN	DIA. MM	DIA. 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

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



AEN3571000A



AEN356540A



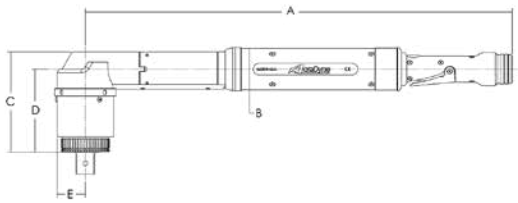
AEN3571600A



AEN3572600A

SPECIFICATIONS

MODEL	MAX. TORQUE* NM	MAX. TORQUE* FT-LB	TORQUE RANGE NM	TORQUE RANGE FT-LB	FREE SPEED RPM	WEIGHT LB	WEIGHT 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



DIMENSIONS	A IN	A MM	B IN	B MM	C IN	C MM	D IN	D MM	E IN	E 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



AEF Type



AES Type



AEP Type

MODEL* (HANDLE TYPE)	SERIES	APPROX. TORQUE NM	APPROX. TORQUE FT-LB	APPROX. SPEED RPM	WEIGHT KG	WEIGHT LB	LENGTH MM	LENGTH IN	DIA. MM	DIA. IN	DRIVE IN	SOUND LEVEL dB(A)
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)8912000BDL	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







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
 Single Ended Offset	26815	2.375" Offset, 6000 Series
	26885	4.00" Offset, 6000 Series
	27200	3.10" Offset, 7000 Series
	26890	4.00" Offset, 7000 Series
	25274	3.35" Offset, 8000 Series
	25275	4.00" Offset, 8000 Series
	26840	3.35" Offset, 9000 Series
 Double Ended Flat	26830	6000 Series
	26820	7000 Series
	25278	8000 Series
 Double Ended Offset	25276	3.35" Offset, 8000 Series

PROTECTIVE COVERS

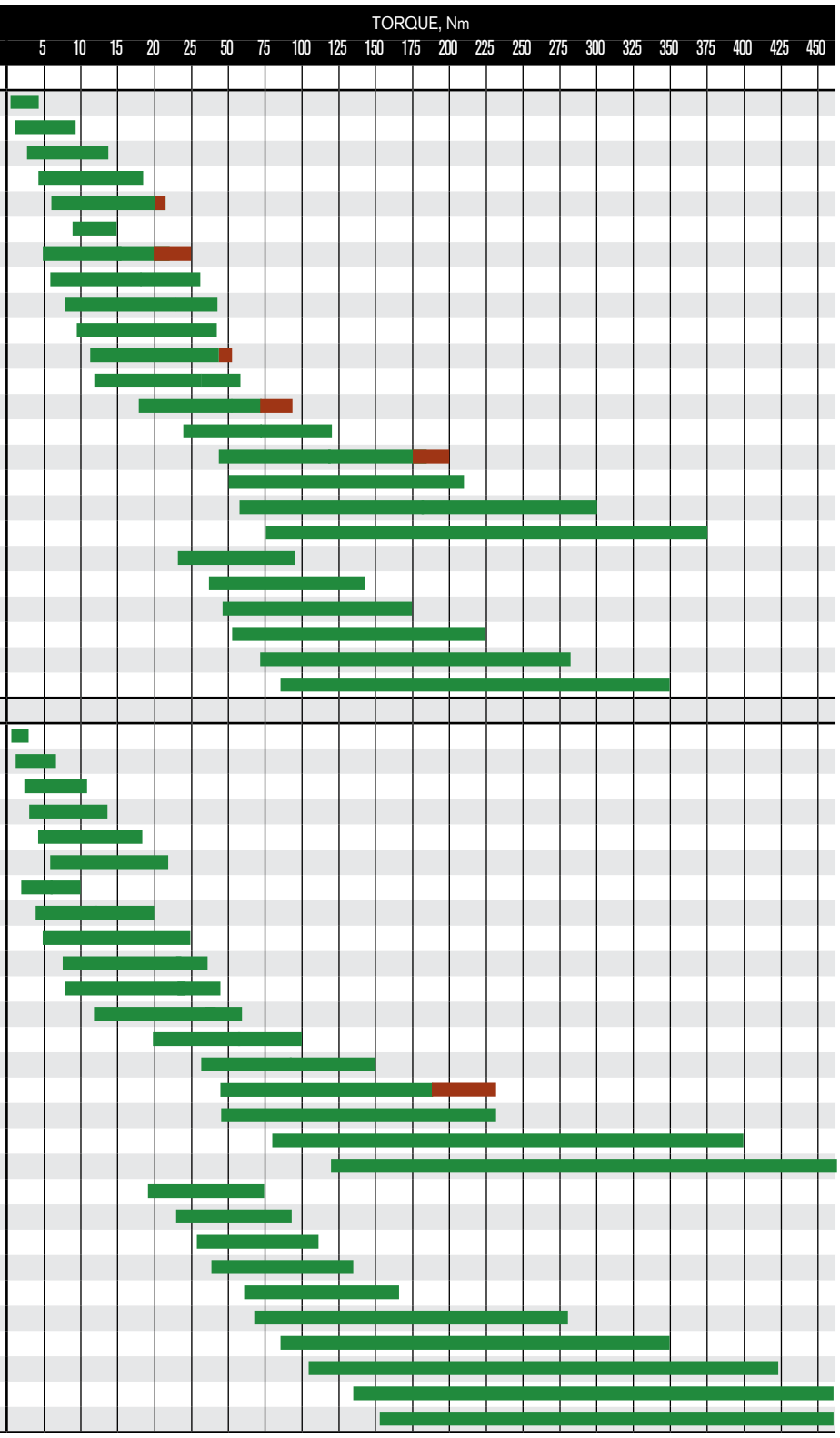


Durable protective covers prevent marring and damage.

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 IN	LENGTH MM	WEIGHT LB	WEIGHT KG
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

MODEL	RPM**	LENGTH IN	LENGTH MM	WEIGHT LB	WEIGHT KG
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, Nm: 5 10 15 20 25 50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450

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

AcraDyne® HT

HIGH TORQUE SERIES

MODEL	RPM**	LENGTH IN	LENGTH MM	WEIGHT LB	WEIGHT KG
( )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

TORQUE, Nm: 50 100 200 300 400 500 600 850 1100 1200 1300 1500 2000 2500 3000 4000 5000 6500 8100 12000

Recommended Torque Range | Max Torque

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



24330
Standard Tool Cable

27115
Lightweight Tool Cable

MODEL	DESCRIPTION	LENGTH M	LENGTH 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)

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.

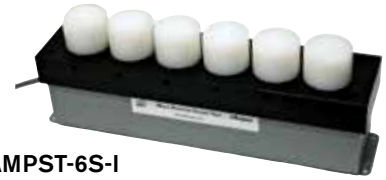
- Simply remove the assigned socket to select the application to be run
- Quick and easy set up. Parameters assigned to socket position automatically
- Optional self-illuminating socket receptacles
- Delrin® blanks may be easily machined by the customer to accommodate custom socket profiling
- Nothing 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

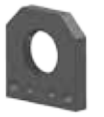

20322

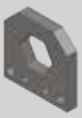

20853


27816

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

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

LIGHT TOWER


23730

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

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 NM	TORQUE RANGE FT-LB	MAX SPEED RPM	DRIVE TYPE	WEIGHT W/O BATTERY KG	WEIGHT W/O BATTERY 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

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

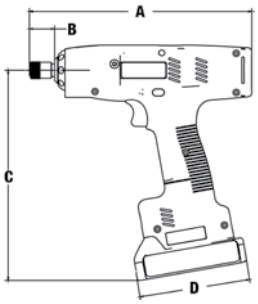
BATTERY CHARGERS

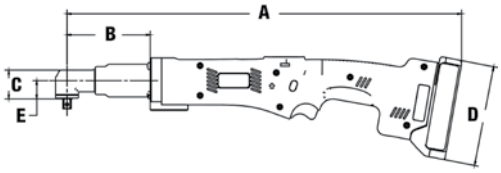
- Battery defect detection
- Microprocessor-controlled charging: Charging time is dependent on the capacity of the battery
- Reverse polarity protection
- Automatic battery voltage detection

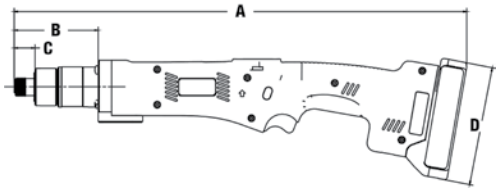
MODEL	DESCRIPTION	OUTPUT	INPUT	CHARGING TIME	DIMENSIONS (W/O BATTERY)	WEIGHT
AB-C18110	Quick-charge unit for 110V	14.4V – 18V, 3.0A	110VAC, 50-60Hz	Max 55 min for 2.5 Ah battery	3.39" wide x 4.21" tall x 6.02" deep 86 mm wide x 107 mm tall x 153 mm deep	1.2 Lb/.55 kg
AB-C18220	Quick-charge unit for 220V	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 IN	A MM	B IN	B MM	C IN	C MM	D IN	D MM	E IN	E 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	–	–









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.







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

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

ACRADYNE HIGH TORQUE PNEUMATIC TOOLS



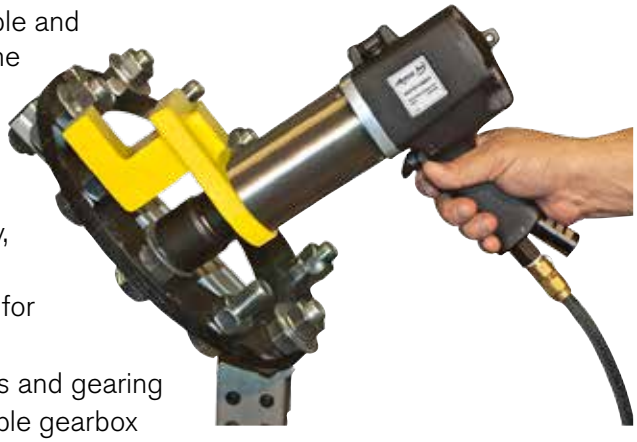
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AAP1B76950A

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



AAP1B772000A



AAP1B885100A

MODEL	TORQUE (NM)	TORQUE (FT-LB)	SPEED (RPM)	WEIGHT (LB)	SQUARE DR. (IN)	AIR CONSUMPTION (CFM)
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



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.



AAP2B76950A

AAP2B771400A

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 toque 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

MODEL*	TORQUE (NM)	TORQUE (FT-LB)	SPEED (RPM)	WEIGHT (LB)	WEIGHT (KG)	SQUARE DR. (IN)
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

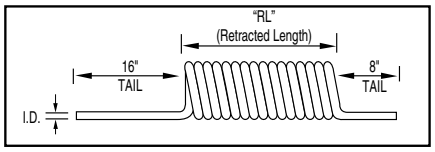
*Add "R" to part numbers for reversible models.

ACRADYNE HT PNEUMATIC TOOL ACCESSORIES

Polyurethane Hose for HT Tools



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



SINGLE AIR HOSE ASSEMBLIES (COILED)

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

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



STRAIGHT AIR HOSE (SOLD PER FOOT)

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

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

Rubber Hose for HT Tools



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

SINGLE AIR HOSE (RUBBER)

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

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

REACTION BARS

Tool includes standard, spline attachment reaction device. 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

AFRL STACKING FILTER/REGULATORS

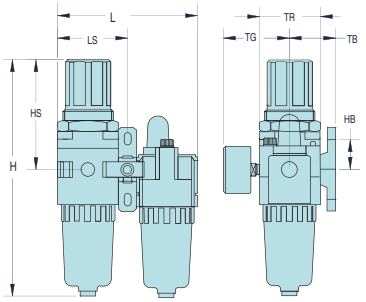
Stacking filter/regulator combinations provide air filtration and precise regulation in a single unit for easy mounting and installation.

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

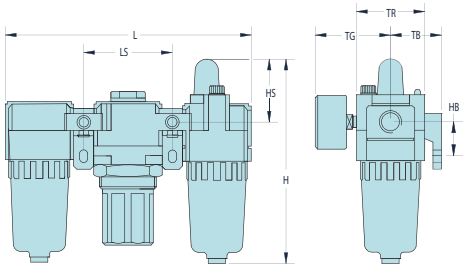


AFRL-2-C
AFRL-3-C





AFRL-3
AFRL-4
AFRL-8





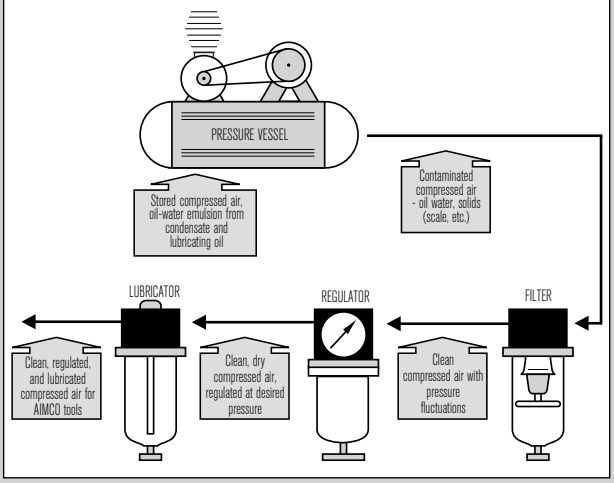
28178
HT Air Tool/AFRL Carrying Kit



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

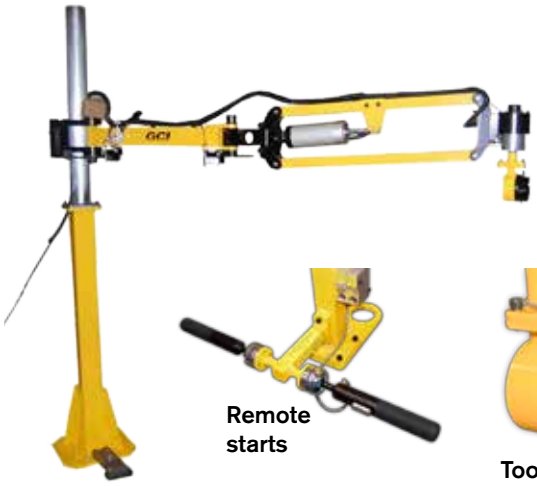
- Available in aluminum, steel, or carbon fiber
- Configurable installation: floor mount, wall mount, overhead mount, bench mount, or portable base
- Braking options: manual/automatic, discrete braking with verification, parking brakes, and electric/pneumatic actuation
- Tool holding options: fixed position, 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

FEATURES





Parking brake and main rotation stops

Remote starts



Tool sleeve



Discrete brake tooling rotation

Additional Smart Arm Features

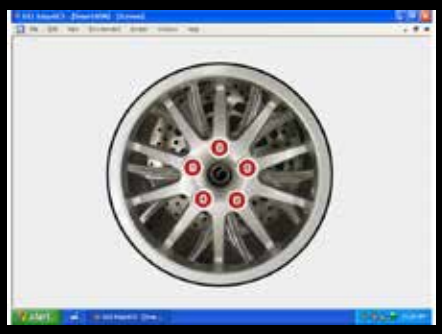


Discrete brake end rotation with encoder

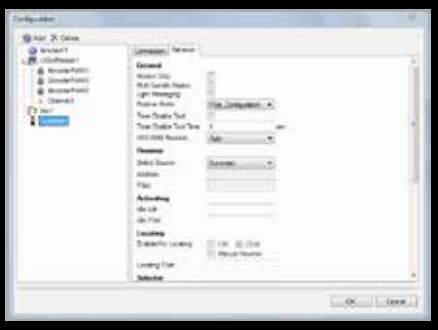
Encoded tool sleeve



AdaptiCS Software







- 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