



ACHIEVING ASSEMBLY EXCELLENCE
2024

WWW.AIMCO-GLOBAL.COM



For more than 50 years, AIMCO has been working with manufacturers around the world. We are the complete global source for all critical fastening and bolting solutions. AIMCO can effectively and swiftly meet your needs whether you're in Tennessee, USA fastening a 3 mm nut at 3 Nm, or in Denmark servicing wind-turbine bolts at 17,000 Nm. 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 **DESIGNED AND ASSEMBLED IN THE USA.**

2000 SERIES

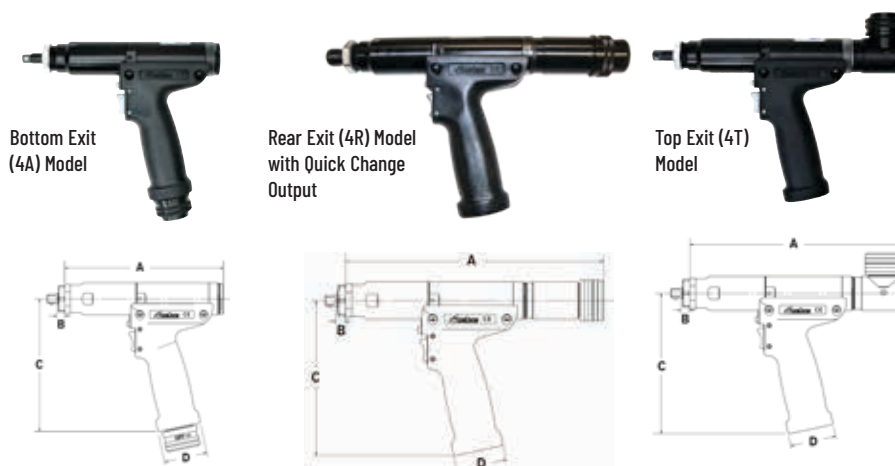
3 – 55 Nm

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



2000 Series Pistol Tools

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



2000 Series Pistol Tools

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

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

2000 Series Angle and Inline Tools

Gen IV Series Angle and Inline Nutrunners

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



FEATURES AND BENEFITS

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

2000 Series Angle & Inline Tools

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

Angle Tool Dimensions

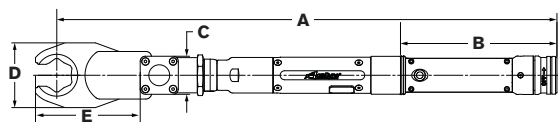


Inline Tool Dimensions



2000 Series Tubenut Tools

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



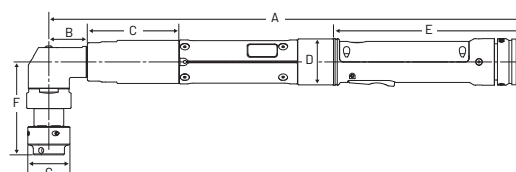
2000 Series Tubenut Tools

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

2000 Series Hold and Drive Tools

- 1" & 2" travel models available
- Sockets and holders are custom

1" Travel (C-1) Model



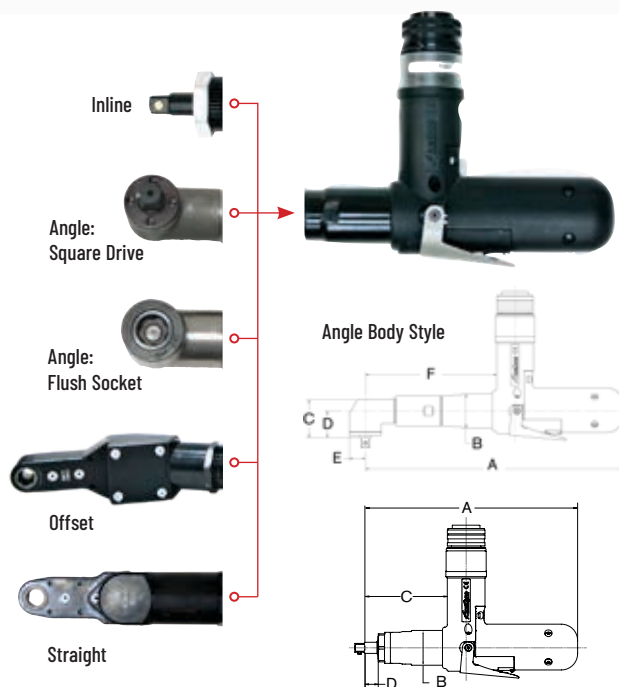
2000 Series Hold and Drive Tools

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

2000 Series Mid-Exit Tools

FEATURES AND BENEFITS

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



Inline, Straight, and Offset Body Style

2000 Series Mid-Exit Cable Tools

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

Introducing AcraDyne's Discontinuous Drive Tool

AcraDrive**ONE TOOL****TWO WAYS TO DRIVE**

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

**ONE TOOL, THREE TIGHTENING STRATEGIES**

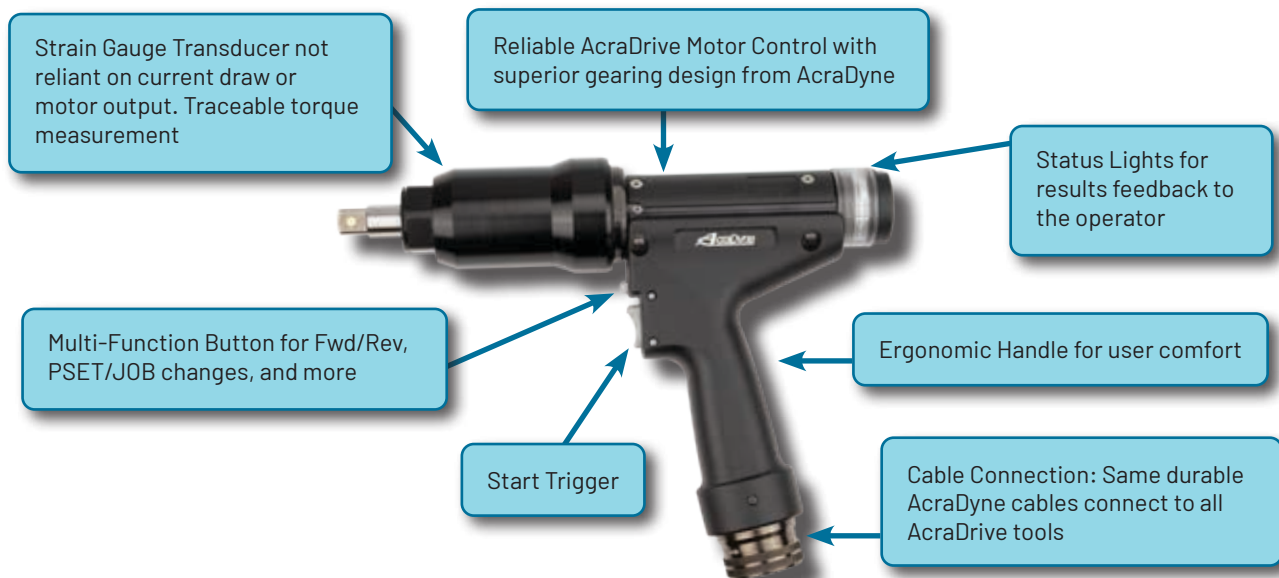
- Continuous Mode
 - Tool can be programmed to run in Continuous Mode like traditional DC nutrunners (within ergonomically acceptable limits)
- Discontinuous Mode
 - Virtually reaction-free performance with great accuracy and controllability
- Continuous Mode & Discontinuous Mode
 - Unique capability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

**DESIGNED + MADE IN THE USA****DISCONTINUOUS DRIVE ADVANTAGES**

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



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



FEATURES AND BENEFITS

Speed & Accuracy

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

Safe & Ergonomic Operation

- Optimal balance for less operator fatigue
- Minimal Torque Reaction Properties in Discontinuous Mode
- Proprietary Motor Control Algorithm for Optimizing to Application Demands

Low Maintenance

- Precision Gearing tested to greater than 500,000 cycle reliability
- Sealed Brushless Optimized Motors with zero maintenance requirements

Flexibility & Cost Savings

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



2000 Series Discontinuous Drive Tools

Model	Torque Range		Max Speed RPM	Joints		Length		Weight		Output Sq. Drive
	NM	FT-LB		Hard	Medium	IN	MM	LB	KG	
AEP4P22030AV	18 - 30	13.3 - 22	1,579	20 - 80°	80 - 150°	10.6	270	4.05	1.84	3/8"
AEP4P22050AV	28 - 50	20.7 - 37	1,579	20 - 80°	80 - 150°	10.7	273	4.05	1.84	1/2"

Notes

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