

AIMCO

TOOL SUPPORT SYSTEMS





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

ISO 9001: 2015 Certified

Visit our NEW website www.aimco-global.com

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GRAVITY-DEFYING BALANCERS

TW-SERIES BALANCERS



TW-0 & TW-00 Series

TW-0 and TW-00

- Gravity defying / “true balance”.
- No tension buildup to cause worker fatigue.
- Easy external direct drive tensioning.
- 360 degree upper swivel.
- Safety cable provision.
- Tool clip included.



TW-3 through TW-70

- Tapered drum allows “true balance” throughout cable travel.
- Easy external direct drive tensioning.
- Cast aluminum casing for durability.
- Permanent lubrication.
- 360 degree top swivel.

TW-3 to TW-70 Series

- Enclosed spiral spring for added safety.
- Safety chain provision (TW-3 through TW-15 models)
- Automatic safety lock plus manual drum lock (TW-22 through TW-70)

| MODEL | CAPACITY | | ANTI-GRAVITY CAPACITY (LB) | CABLE |
|-------|---------------|------------|----------------------------|--|
| | LB | KG | | |
| TW-00 | 1.1 - 3.3 | 0.5 - 1.5 | 2.5 - 3.0 | 18" stranded steel cable 1/8 dia. |
| TW-0 | 1.1 - 3.3 | 0.5 - 1.5 | 2.5 - 3.0 | 3.3-ft stranded steel cable 1/8" dia.. |
| TW-3 | 2.2 - 6.6 | 1.0 - 3.0 | 4.5 - 6.0 | 4.3-ft stranded steel cable 5/32" dia. |
| TW-5 | 5.5 - 11.0 | 2.5 - 5.0 | 8.0 - 10.5 | 4.3-ft stranded steel cable 5/32" dia. |
| TW-9 | 9.9 - 19.8 | 4.5 - 9.0 | 15.0 - 19.0 | 4.3-ft stranded steel cable 5/32" dia. |
| TW-15 | 19.8 - 33.0 | 9.0 - 15.0 | 26.0 - 32.5 | 4.3-ft stranded steel cable 5/32" dia. |
| TW-22 | 33.0 - 48.4 | 15 - 22 | 41.0 - 48.0 | 5-ft stranded steel cable 3/16" dia. |
| TW-30 | 48.4 - 66.0 | 22 - 30 | 58.0 - 65.5 | 5-ft stranded steel cable 3/16" dia. |
| TW-40 | 66.0 - 88.0 | 30 - 40 | 77.5 - 87.5 | 5-ft stranded steel cable 3/16" dia. |
| TW-50 | 88.0 - 110.0 | 40 - 50 | 100.0 - 109.5 | 5-ft stranded steel cable 3/16" dia. |
| TW-60 | 110.0 - 132.0 | 50 - 60 | 122.0 - 131.0 | 5-ft stranded steel cable 3/16" dia. |
| TW-70 | 132.0 - 154.0 | 60 - 70 | 144.0 - 153.0 | 5-ft stranded steel cable 3/16" dia. |

ASB-SERIES BALANCERS

- Built-in Safety Features: The cable, drum, and enclosed spring are fully visible without opening the unit for easy and convenient safety checks. The sturdy spiral spring is enclosed for greater control and safety.
- Ergonomic Spring Release: The automatic safety lock provides extra control.
- Extended Cable Length: Stainless steel cables allow for extended reach on applications.
- Enhanced Gear Mechanism: Allows for more exact adjustment of tension.
- No Recoil and Low Resistance: Tapered drum style provides gravity defying tool positioning and low travel.



ASB-OC Gravity Defying and Hand Adjustable Balancer



**ASB-3C
ASB-5C**

| MODEL | CAPACITY | | STROKE | | WEIGHT | |
|--------|--------------|--------------|---------|--------|--------|--------|
| ASB-OC | 1.1 - 3.3 lb | 0.5 - 1.5 kg | 51.1 in | 130 cm | 1.5 lb | 0.7 kg |
| ASB-3C | 3.3 - 6.6 lb | 1.5 - 3 kg | 86.4 in | 220 cm | 3.0 lb | 1.4 kg |
| ASB-5C | 5.5 - 11 lb | 2.5 - 5 kg | 86.4 in | 220 cm | 3.4 lb | 1.5 kg |

LINE REEL BALANCERS / RETRACTORS

LINE REEL BALANCERS

LR-Series

- Designed for light duty applications with small pneumatic tools.
- Integrating air hose and support cable keep work areas clean.
- Adjustable ball stop for optional positioning.
- 1/4" I.D. polyvinyl hose with 1/4" NPT inlet.
- 360 degree upper swivel.
- Maximum 142 PSI



LR-09B-90/200

| MODEL | HOSE LENGTH | | CAPACITY | |
|------------|-------------|--------|----------|--------|
| LR-09B-90 | 35.5 in | 90 cm | 3 lb | 1.5 kg |
| LR-09B-200 | 78.3 in | 199 cm | 3 lb | 1.5 kg |

RETRACTORS

RPA Series

- No tools needed to set tension.
- 5 ft nylon coated steel cable.
- Reinforced hanging bracket includes safety cable provision.
- Adjustable cable stop.
- Three (3) models support weight 0.5-5 lb.
- Tool clip included.



RMA-L Series



RPA Series

RMA-L Series

- Steel housing with polyester finish.
- Reinforced hanging bracket includes safety cable provision.
- 8 ft of 3/32" diameter coated steel cable.
- Permanently lubricated.
- Tool clip included.
- External tension adjustment.
- Ratchet cable lock.

| MODEL | CAPACITY | |
|---------|--------------|----------------|
| RPA-1 | 0.5 - 1.5 lb | 0.2 - 0.7 kg |
| RPA-2 | 1.5 - 3.0 lb | 0.7 - 1.4 kg |
| RPA-3 | 3.0 - 5.0 lb | 1.4 - 2.3 kg |
| RMA-7L | 5 - 10 lb* | 2.3 - 4.8 kg* |
| RMA-15L | 10 - 15 lb* | 4.5 - 6.8 kg* |
| RMA-20L | 15 - 23 lb* | 6.8 - 10.4 kg* |

* With ratchet lock

ERGO-ARM® TOOL SUPPORT SYSTEMS

FEATURES AND BENEFITS

- Ergonomic support for electric and pneumatic tools reduces operator fatigue.
- Increases productivity, consistency, and accuracy.



AD-D1098-PAC



AD-D1098-SAC

PARALLEL ARM SERIES

AD-D1098-P, AD-D1098-PAC, AD-D1098-PACE

- Minimizes operator control.
- Vertical adjustment eliminates cross-threading.
- Fixtured tool increases repeatability.
- Adjustable reach.
- Available in air or oil cylinder models.
- Electric tool mount standard on PACE model.

SINGLE ARM SERIES

AD-D1098-S, AD-D1098-SAC

- Full tool rotation.
- Operator control.
- Adjustable reach.
- Compatible with automatic screw feeder.
- Available in air or oil cylinder models.

| MODEL | ARM STYLE | TOOL MOUNT | REACH | | CAPACITY | | MAXIMUM TORQUE* | |
|----------------------------|-----------|----------------|--------|-----------|----------|-------|-----------------|----|
| | | | IN | MM | LB | KG | IN-LB | NM |
| AIR CYLINDER SERIES | | | | | | | | |
| AD-D1098-SAC | Single | Air manifold | 4 - 33 | 102 - 838 | 0 - 15 | 0 - 7 | 110 | 12 |
| AD-D1098-PAC | Parallel | Air manifold | 4 - 33 | 102 - 838 | 0 - 15 | 0 - 7 | 110 | 12 |
| AD-D1098-PACE | Parallel | Electric | 4 - 33 | 102 - 838 | 0 - 15 | 0 - 7 | 110 | 12 |
| OIL CYLINDER SERIES | | | | | | | | |
| AD-D1098-S | Single | Air manifold** | 4 - 33 | 102 - 838 | 0 - 15 | 0 - 7 | 110 | 12 |
| AD-D1098-P | Parallel | Air manifold | 4 - 33 | 102 - 838 | 0 - 15 | 0 - 7 | 110 | 12 |

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

** For single arm electric tool mount, order EAP-202ED-KIT

SPECIAL FEATURES OF CLASSIC STYLE ERGO-ARM®

Dual ball bearing joint construction for smoother movement and long life

Air regulator offers precision adjustment of resistance for perfect balance

Unique upper rail adjustment allows true vertical approach to any fastener – no cross-threading

ERGO-ARM® ACCESSORIES AND LINEAR ARM

ERGO-ARM® ACCESSORIES

- End-of-Arm Tooling options for the Ergo-Arm® allow you to choose the style right for your application.
- Tool holders permit the tool to swivel, rotate, swing, or twist. Heavy duty construction can lock out any single, or combination of rotating, actions allowing only the motions required by your application.
- End-of-Arm Tooling Brackets are simple to use. One Ergo-Arm® can be used for more than one application.

FOR USE WITH MODELS
AD-D1098-S/SAC



EAP-202ED-KIT
Electric Driver Tool
Mount Kit

FOR USE WITH MODELS
AD-D1098-P/PAC



EAP-203-ASSY
Air Manifold
Tool Mount Kit
(Standard on
parallel units)



EAP-202ASSY
Driver Tool
Mount

LINEAR ARM

- Smooth movement and perfect balance while limiting operator control.
- Machined stainless steel and ball bearing construction.
- Two high quality tool balancers are included with each arm to provide a wide range of adjustment.

LINEAR ARM KIT



LQ-0002 Linear Arm
ships with two ASB-0C
balancers.

LQ-0004 Linear Arm
ships with two TW-3
balancers.

**LQ-0024H Heavy Duty
Arm**
ships with two TW-3
balancers.

PARALLEL ARM KIT



EAA-04 - Provides easy
conversion of standard Ergo-
Arms® to the parallel style.

| MODEL | DESCRIPTION | MAX. REACH | | WEIGHT CAPACITY | | MAX TORQUE | | HEIGHT | | STANDARD TOOL MOUNT DIAMETER | |
|----------|----------------|------------|----|-----------------|-----------|------------|-----|--------|------|------------------------------|-----|
| | | IN | CM | LB | KG | FT-LB | NM | IN | CM | IN | CM |
| LQ-0002 | Linear Arm | 14 | 37 | 1-5 | 0.5 - 2.3 | 20 | 27 | 24 | 61 | 1.6 | 4.1 |
| LQ-0004 | Linear Arm | 24 | 58 | 3 - 10 | 1.4 - 4.5 | 25 | 34 | 36 | 91.4 | 1.6 | 4.1 |
| LQ-0024H | Heavy Duty Arm | 24 | 58 | 3 - 10 | 1.4 - 4.5 | 75 | 102 | 36 | 91.4 | 1.6 | 4.1 |

CUSTOM REACTION DEVICES

- Torque Tubes
- Articulating Torque Arms
- Ergo Arm 3 Zero Gravity Arms
- Smart Arms



**Articulating
Smart Carbon
Arm**



**Articulating
Torque Arm**



**Carbon Fiber
Arm**



Ergo-Arm 3



Torque Tube

Contact your AIMCO sales representative, 1-800-852-1368, in order to determine the exact torque reaction system needed to improve the productivity and ergonomics of your assembly station!

CARBON TORQUE ARMS / TUBES



Carbon Arms and Carbon Torque tubes are simple, lightweight yet strong devices designed to absorb torque reactive forces.

These innovative devices adapt to a wide range of tools and eliminate hazards to operators created during fastening processes with power tools. AIMCO's range of Carbon Arm products are highly flexible and modular in nature.

FEATURES AND BENEFITS

- Absorb torque reactions created by continuous drive tools.
- Counter balance tool weight when configured with AIMCO's wide array of tool balancers (pages 4–5) or with integrated balancer kits.
- Orient tool correctly to the workpiece to improve efficiency and reduce operator effort in alignment to the fastener.



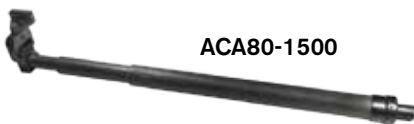
POSITIONING SYSTEM

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

FEATURES AND BENEFITS

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

TELESCOPIC TORQUE ARMS



ACA80-1500



ACA-V15-1000



ACA-P240-2500

ACA Series

| MODEL | MIN. LENGTH MM | MAX. LENGTH MM | MAX TORQUE NM |
|-------------|----------------|----------------|---------------|
| ACA10-1000 | 495 | 1105 | 10 |
| ACA10-1500 | 665 | 1605 | 10 |
| ACA15-1000 | 486 | 1066 | 15 |
| ACA15-1500 | 646 | 1556 | 15 |
| ACA15-2000 | 806 | 2046 | 15 |
| ACA40-1000 | 486 | 1066 | 40 |
| ACA40-1500 | 646 | 1556 | 40 |
| ACA40-2000 | 806 | 2046 | 40 |
| ACA40-2500 | 986 | 2576 | 40 |
| ACA80-1500 | 658 | 1586 | 80 |
| ACA80-2000 | 828 | 2078 | 80 |
| ACA80-2500 | 998 | 2588 | 80 |
| ACA150-1500 | 668 | 1578 | 150 |
| ACA150-2000 | 838 | 1918 | 150 |
| ACA150-2500 | 1003 | 2248 | 150 |
| ACA220-1500 | 668 | 1578 | 220 |
| ACA220-2000 | 838 | 2088 | 220 |
| ACA220-2500 | 1003 | 2588 | 220 |

ACA-V Series

| MODEL | MIN. LENGTH MM | MAX. LENGTH MM | MAX TORQUE NM |
|---------------|----------------|----------------|---------------|
| ACA-V15-1000 | 777 | 1345 | 15 |
| ACA-V15-1500 | 937 | 1835 | 15 |
| ACA-V15-2000 | 1097 | 2325 | 15 |
| ACA-V40-1000 | 777 | 1345 | 40 |
| ACA-V40-1500 | 937 | 1835 | 40 |
| ACA-V40-2000 | 1097 | 2325 | 40 |
| ACA-V40-2500 | 1277 | 2855 | 40 |
| ACA-V80-1500 | 949 | 1865 | 80 |
| ACA-V80-2000 | 1119 | 2357 | 80 |
| ACA-V80-2500 | 1289 | 2867 | 80 |
| ACA-V150-1500 | 960 | 19575 | 150 |
| ACA-V150-2000 | 1129 | 2357 | 150 |
| ACA-V150-2500 | 1294 | 2862 | 150 |
| ACA-V220-1500 | 960 | 19575 | 220 |
| ACA-V220-2000 | 1129 | 2357 | 220 |
| ACA-V220-2500 | 1294 | 2867 | 220 |

ACA-P2 Series X,Y Axis Encoders

(Requires ACA-POSIX System)

| MODEL | MIN. LENGTH MM | MAX. LENGTH MM | MAX TORQUE NM |
|----------------|----------------|----------------|---------------|
| ACA-P215-1000 | 647 | 1227 | 15 |
| ACA-P215-1500 | 803 | 1713 | 15 |
| ACA-P215-2000 | 977 | 2227 | 15 |
| ACA-P240-1000 | 647 | 1227 | 40 |
| ACA-P240-1500 | 803 | 1713 | 40 |
| ACA-P240-2000 | 977 | 2227 | 40 |
| ACA-P240-2500 | 1157 | 2737 | 40 |
| ACA-P280-1500 | 830 | 1757 | 80 |
| ACA-P280-2000 | 1000 | 2249 | 80 |
| ACA-P280-2500 | 1169 | 2760 | 80 |
| ACA-P2150-1500 | 839 | 1749 | 150 |
| ACA-P2150-2000 | 1009 | 2087 | 150 |
| ACA-P2150-2500 | 1174 | 2419 | 150 |
| ACA-P2220-1500 | 839 | 1749 | 220 |
| ACA-P2220-2000 | 1009 | 2259 | 220 |
| ACA-P2220-2500 | 1174 | 2760 | 220 |

CARBON TORQUE ARMS / TUBES

ANTI-ROTATION TORQUE ARMS



ACIT-V40-850 300



ACPTT-V40-SA-510 150

ACTT SERIES TORQUE TUBES

| MODEL | MIN. LENGTH MM | MAX. LENGTH MM | MAX TORQUE NM |
|-------------------|-------------------|-------------------|------------------|
| ACTT-V15-600 150 | 150 | 600 | 15 |
| ACTT-V15-800 300 | 300 | 800 | 15 |
| ACTT-V40-600 150 | 150 | 600 | 40 |
| ACTT-V40-850 300 | 300 | 850 | 40 |
| ACTT-V40-1500 600 | 600 | 1500 | 40 |
| ACTT-V80-900 300 | 300 | 900 | 80 |
| ACTT-V80-1500 600 | 600 | 1500 | 80 |
| ACTT-V80-2100 900 | 900 | 2100 | 80 |

ACPTT SERIES TORQUE TUBES FOR ACSA ARTICULATING SUPPORT ARMS

| MODEL | MIN. LENGTH MM | MAX. LENGTH MM | MAX LENGTH MM |
|--------------------|-------------------|-------------------|------------------|
| ACPTT-V15-510 150 | 150 | 600 | 15 |
| ACPTT-V15-710 300 | 300 | 800 | 15 |
| ACPTT-V40-510 150 | 150 | 600 | 40 |
| ACPTT-V40-760 300 | 300 | 850 | 40 |
| ACPTT-V40-1410 600 | 600 | 1500 | 40 |
| ACPTT-V80-810 300 | 300 | 900 | 80 |
| ACPTT-V80-1410 600 | 600 | 1500 | 80 |

ACCESSORIES

TOOL HOLDERS

| MODEL | DESCRIPTION | MIN. TOOL GRIP (MM) | MAX. TOOL GRIP (MM) |
|----------------------------|---------------------------------|------------------------|------------------------|
| FOR TELESCOPIC ARMS | | | |
| ACAH-15 | Base tool holder 4 screws | 27 | 45 |
| ACAH-40-80 | Base tool holder 4 screws | 30 | 60 |
| ACAH-150-220 | Base tool holder 4 screws | 40 | 70 |
| Multi-Position | | | |
| ACAH-15-MPE2745 | Multi-pos tool holder interface | 27 | 45 |
| ACAH-150220-MPE4070 | Multi position tool holder | 40 | 70 |
| ACAH-4080-MPE2745 | Multi-pos tool holder | 27 | 45 |
| Swivel | | | |
| ACAH-S154080 | Swivel tool holder 20 to 35 mm | 20 | 35 |
| ACAH-SL15150 | Swivel tool holder 40 to 55 mm | 40 | 55 |

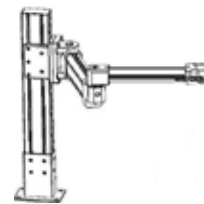
| MODEL | DESCRIPTION | MIN. TOOL GRIP (MM) | MAX. TOOL GRIP (MM) |
|-------------------------------|--------------------------------------|------------------------|------------------------|
| FOR ANTI-ROTATION ARMS | | | |
| ACAHTT-15A-3060 | Angle Tool Holder - 15 Nm Arm | 30 | 60 |
| ACAHTT-15S-2745 | Straight Tool Holder - 15 Nm Arm | 27 | 45 |
| ACAHTT-4080A-3165 | Angle Tool Holder - 40/80 Nm Arms | 31 | 65 |
| ACAHTT-4080S-2745 | Straight Tool Holder - 40/80 Nm Arms | 27 | 45 |



Straight

Angle

ACSA ARTICULATING SUPPORT ARMS



ACSA-600-1500

| MODEL | MAX REACH MM | MAX HEIGHT MM | MAX TORQUE NM |
|----------------|--------------------|---------------------|---------------------|
| ACSA-600-1500 | 600 | 1500 | 80 |
| ACSA-800-1500 | 800 | 1500 | 80 |
| ACSA-1000-1500 | 1000 | 1500 | 80 |

BALANCER KITS FOR ACA-P2 SERIES

| MODEL | MIN. CAPACITY (KG) | MAX. CAPACITY (KG) |
|-------------|--------------------------|--------------------------|
| ACA-P2BK-4 | 2 | 4 |
| ACA-P2BK-6 | 4 | 6 |
| ACA-P2BK-8 | 6 | 8 |
| ACA-P2BK-10 | 8 | 10 |
| ACA-P2BK-14 | 10 | 14 |



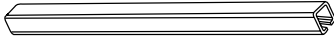
ACA-P2BK-10

WORKSTATION COMPONENTS AND ASSEMBLIES

COMPONENTS

TRACK

Steel with beige polyester finish. Use for vertical and horizontal workstation support.



| PART NUMBER | 30# TRACK |
|-------------|------------|
| AT3-3 | 3 ft track |
| AT3-4 | 4 ft track |
| AT3-6 | 6 ft track |
| AT3-9* | 9 ft track |

| PART NUMBER | 30# TRACK |
|-------------|-------------|
| AT5-3 | 3 ft track |
| AT5-4 | 4 ft track |
| AT5-6 | 6 ft track |
| AT5-9* | 9 ft track |
| AT5-12* | 12 ft track |

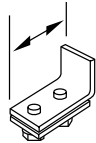
TRACK NUT (ATN-3/5)

Zinc plated steel. Use to attach accessories to track, as end stops, or to isolate rolling accessories. Fits both 50 lb. and 30 lb. track.



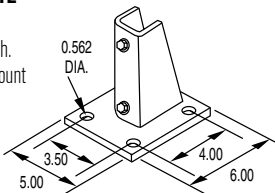
END STOP (AES-3/5)

Zinc oxide finish. Use to prevent balancer trolley from "overtraveling" the horizontal track.



MOUNTING PLATE (AMP-5)

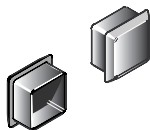
Black polyester finish. Use as a base to mount vertical uprights.



END CAP (AEP-3/5)

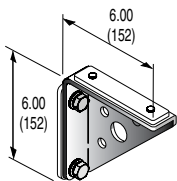
Black molded vinyl. Use to cap track ends for a professional finish.

- AEP-3 for 30 lb. track
- AEP-5 for 50 lb. track



ANGLE BRACKET (AB-3/5)

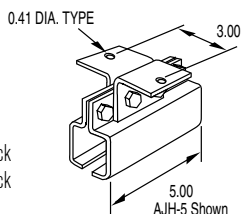
Black polyester finish. Use to mount horizontal track to vertical track. Fits both 50 lb. and 30 lb. track.



JOINT HANGER BRACKET (AJH-3/5)

Black polyester finish. Use to couple and hang end-to-end track.

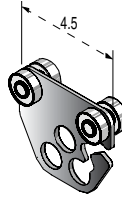
- AJH - 3 for 30 lb. track
- AJH - 5 for 50 lb. track



BALANCER TROLLEY (ABT-3/5)

Black polyester finish. Use as moving support for tool balancers, hose, and cable. Quality ball bearing wheels for long life and smooth tracking.

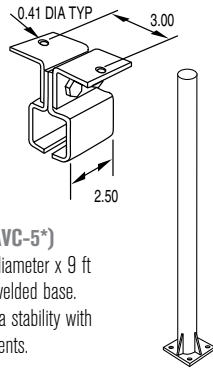
- ABT-3 for 30 lb track (1.00 dia)
- ABT-5 for 50 lb track (1.25 dia)



HANGER BRACKET (AHB-3/5)

Black polyester finish. Use to suspend track at right angle.

- AHB-3 for 30 lb. track
- AHB-5 for 50 lb. track



VERTICAL COLUMN (AVC-5*)

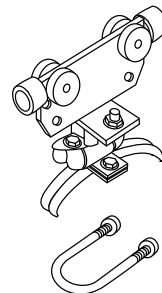
Beige polyester finish, 3" diameter x 9 ft upright steel column with welded base. Use as floor mount for extra stability with jibs or workstation components.



HOSE/CABLE TROLLEY

Black polyester finish. Use for moving cable or hose festoon. Supports hose cable OD .60-.94.

- AIC3-2 for 30 lb. track
- AIC5-2 for 50 lb. track



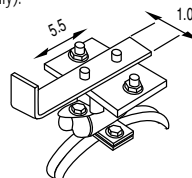
U-BOLTS (AUB-5)

Zinc plated steel. Use to secure boom bracket, or any flat metal plate, to AVC-5 (sold individually).



END CLAMP (AEC5-2)

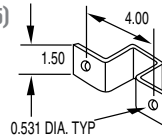
Black polyester finish. Use as end stop with hose carrier for festoon. Cable/hose OD .60-.94.



SUPPORT CLAMPS (ASC-3/5)

Black polyester finish. Use as additional support for track.

- ASC-3 for 30 lb. track
- ASC-5 for 50 lb. track



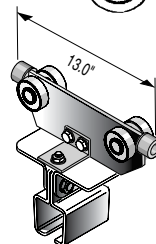
TOOL CLIP (SH-5)

Steel clip with safety latch. Use for tool attachment and as replacement clip for lightweight tool balancers. Measures 2.37" long.



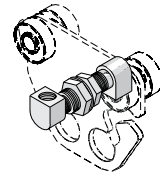
ROLLING HANGER (ABT5-R)

Black polyester finish. Use as support for rolling track. Allows X/Y axis movement, includes ball bearing wheels.



90° CONNECTOR FOR 3/8" HOSE (WSCH)

3/8" I.D. Brass. Use to provide stable transfer point from air line to tool. 90 degree connector attaches to ABT-5.



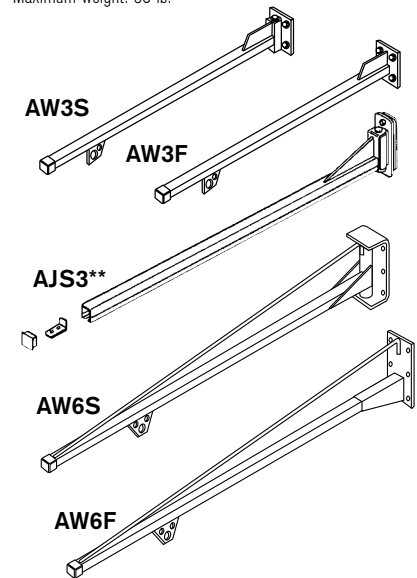
WALL- AND FLOOR-MOUNTED JIBS

3 FT. SWINGING JIB (AW3S)

3 FT. FIXED JIB (AW3F)

3 FT. SWINGING JIB FOR CHANNEL MOUNT (AJS3**)

Jibs are mounted to wall or beams to create free standing workstations. End stop, end cap, and balancer trolley included. Maximum weight: 30 lb.



6 FT. SWINGING JIB (AW6S)

6 FT. FIXED JIB (AW6F)

Jibs can be wall mounted or attached to vertical column (AVC-5) to create a freestanding workstation. End stop, end caps, and balancer trolley are included. Maximum weight: 50 lbs.

All complete assemblies are beige polyester finish and include balancer trolley, end caps, and end stops. Floor mounted assemblies are not able to ship via UPS.

When choosing a workstation system, remember...

Total weight capacities should include tool balancer, hose/cable, and tool/fixture. Units need to be supported vertically and horizontally every 6 ft.

* Additional freight may apply

** AJS3 Does not include balancer trolley

WORKSTATION COMPONENTS AND ASSEMBLIES

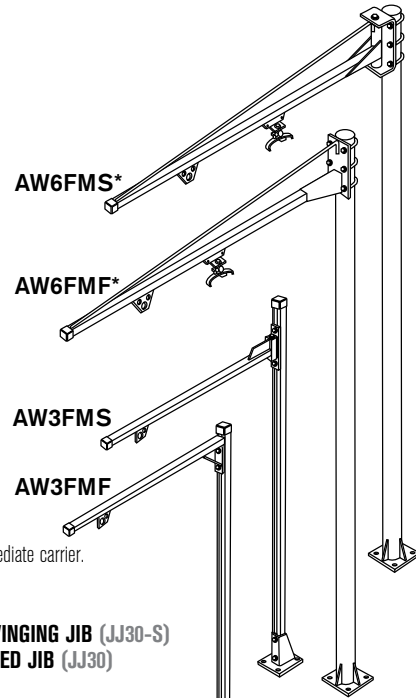
**FLOOR MOUNTED
3 FT. SWINGING JIB***
(AW3FMS)

**FLOOR MOUNTED
3 FT. FIXED JIB***
(AW3FMF)
Maximum weight: 30 lb
Column height: 6 ft

**FLOOR MOUNTED
6 FT. SWINGING JIB***
(AW6FMS*)

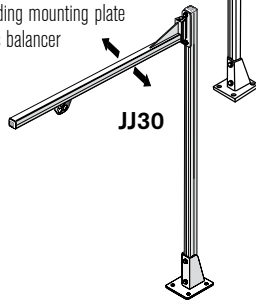
**FLOOR MOUNTED
6 FT. FIXED JIB***
(AW6FMF*)
Maximum weight: 50 lb
Column height: 9 ft

*Units include end stop,
balancer trolley and intermediate carrier.



**BENCH MOUNTED SWINGING JIB (JJ30-S)
BENCH MOUNTED FIXED JIB (JJ30)**

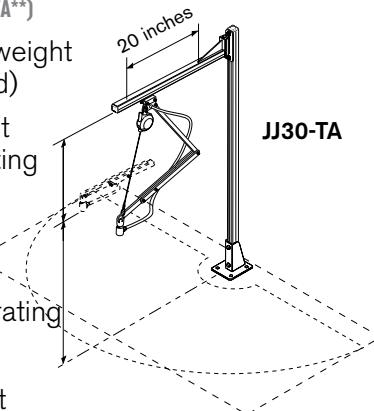
Maximum weight: 30 lbs
Column height: 48" including mounting plate
3 ft. swinging jib includes balancer
trolley, end stop, and cap



AIMCO WORKSTATION KIT

**BENCH MOUNTED WORKSTATION
WITH TORQUE ARM (JJ30-TA**)**

- 5 lb. maximum weight (RPA-3 included)
- 5' column height including mounting plate
- 38" jib length (swinging)
- 15 ft-lb torque rating
- 3/8" NPT inlet
- 1/4" NPT outlet
- Beige polyester finish
- 1/4" braided air hose
- 21" maximum vertical arm travel



**Additional freight may apply

**For use with pneumatic tools only

CREATE A CUSTOM SUPPORT SYSTEM USING AIMCO'S QUALITY PRODUCTS

- Organize work areas to create a safe, productive working environment.
- Reduce risk of injury to assembler by providing support for heavy tools.
- Protect valuable tools, fixtures, and monitoring devices from damage by suspending them out of the way.

AIMCO BASIC WORKSTATION KIT (ATW-50)

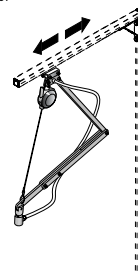


- 50 lb maximum weight capacity
- 48" uprights
- 36" extensions
- Table mounts included
- 6' tool rail with rolling trolley included
- All necessary hardware included

TROLLEY MOUNTED TORQUE ARM WITH 3-LB RETRACTOR AND HOSE (FA-50-2*)

Ergonomic arm absorbs torque reaction.
Moves front to back
along overhead jib.

(TA-50-2)
Moves side
to side on
overhead track.



TOOL BASKET (21226)

Mounts easily to any work area
to hold pistol and angle style tools.



AIMCO can customize a workstation for you. Contact your AIMCO sales representative, 1-800-852-1368.

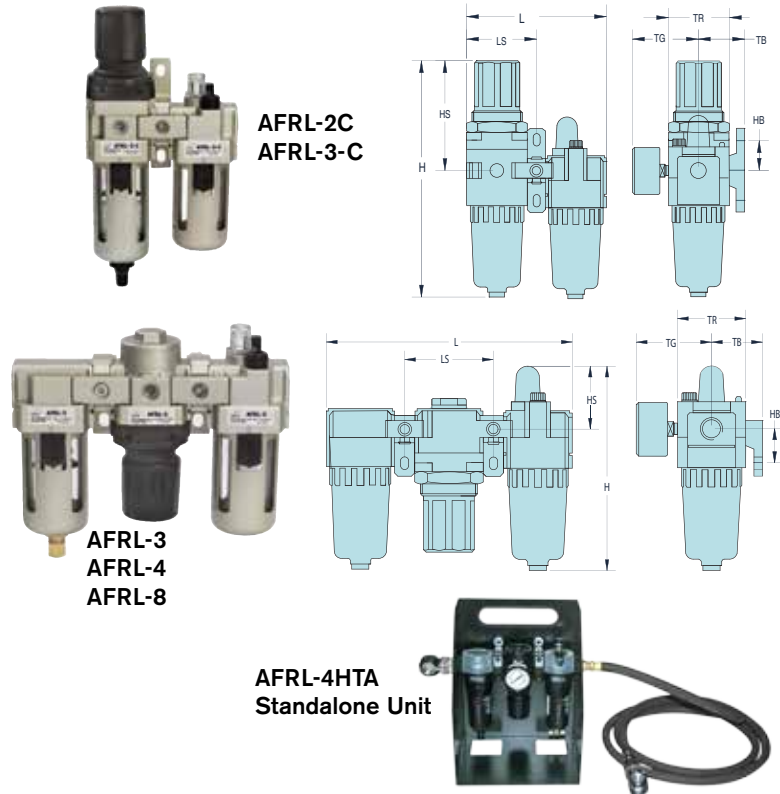
AIR PREPARATION UNITS

AFRL STACKING FILTER/REGULATORS

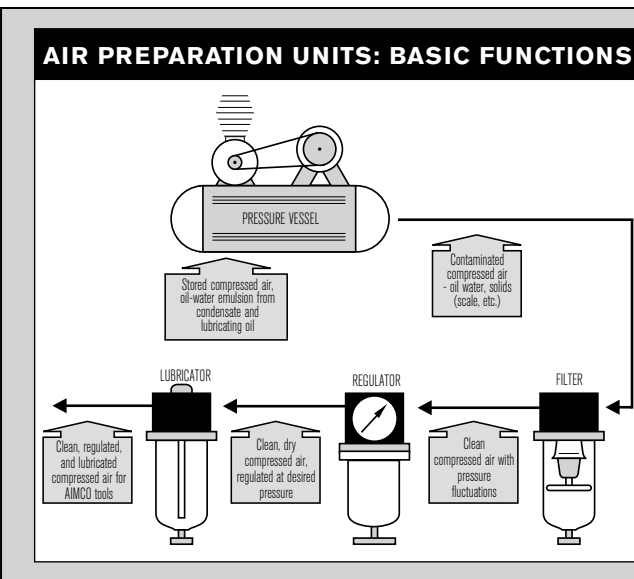
Stacking filter/regulator combinations provide air filtration and precise regulation in a single unit for easy mounting and installation.

FEATURES AND BENEFITS

- All models include L-mount bracket, gauge, and metal bowl shields.
- Polycarbonate filter and lubricator bowls (metal bowls standard on AFRL-8).
- 25-micron filter included on all models.
- Regulating range: 7 – 125 PSI.
- Custom order upgrade items include metal bowl, 5 micron filter, semi-automatic filter drain, and reduced PSI range regulator. Contact an AIMCO sales representative for more information, 1-800-852-1368.



| 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) |



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 requires lubrication?
- Does the overall system have the required capacity?

AIR LINE

POLYURETHANE AIR HOSE

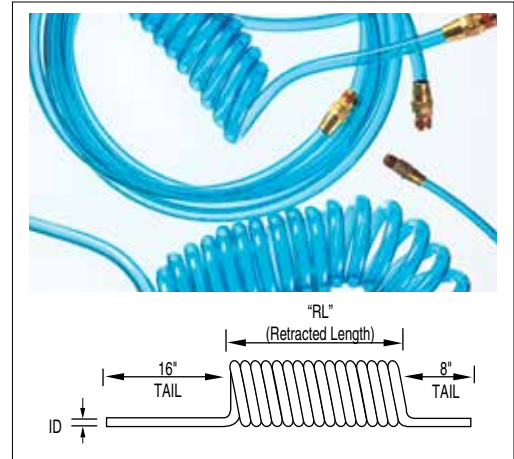
- Durable polyurethane hose is highly chemically resistant.
- Excellent recoil memory.
- Maximum flexibility and light weight.
- Transparent hose color. Opaque and custom colors available.
- Burst pressure 428 PSI @ 68° F.
- Working temperature: -104° F to 175° F.



STRAIGHT AIR HOSE (Sold per foot)

| MODEL | DESCRIPTION |
|----------|-------------|
| ASH-250Z | 1/4" I.D. |
| ASH-375Z | 3/8" I.D. |
| ASH-500Z | 1/2" I.D. |

Available with or without hose fittings.
Ask about full-reel pricing.



COILED AIR HOSE ASSEMBLIES (Include reusable swivel fitting)

| MODEL | DESCRIPTION (OD X ID X LENGTH) | RETRACTED LENGTH | NPT FITTINGS |
|----------------|-----------------------------------|------------------|--------------|
| ASH-250C-10MSZ | 3/8" x 1/4" x 10' | 7" | 1/4" |
| ASH-250C-15MSZ | 3/8" x 1/4" x 15' | 9 1/2" | 1/4" |
| ASH-250C-25MSZ | 3/8" x 1/4" x 25' | 15 1/2" | 1/4" |
| ASH-375C-15MSZ | 9/16" x 3/8" x 15' | 10" | 3/8" |
| ASH-375C-25MSZ | 9/16" x 3/8" x 25' | 14" | 3/8" |
| 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" |

Working pressure 100 PSI

Custom length coil assemblies are available in minimum order quantities.

HELPFUL HINTS FOR AIR HOSE USE

- Use recommended ID air hose and fittings.
- Replace air hose regularly to help maintain clean air.
- A clear hose allows you to see water or dirt accumulation in hose.
- Use correct length of hose to reduce air loss and pressure drop.
- Use locking quick-disconnect couplers for additional safety.

AIR LINE ACCESSORIES

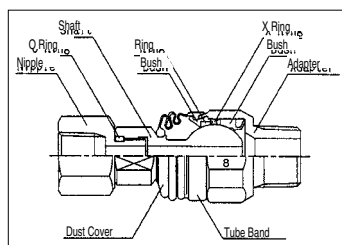
ERGONOMIC TWIST PLUGS

These unique, ergonomically designed hose fittings provide 360° rotation and 35° angled rotation in any direction.

- Two rotation points prevent kinking of air hose.
- Design ensures full air pressure flow.
- Rotating joint comes with polyurethane dust cover.
- Heavy duty construction for maximum life.



| MODEL | DESCRIPTION |
|--------------|---------------------------------|
| TS-20NP-3NPT | 1/4" NPT Female x 3/8" NPT Male |
| TS-30NP-2NPT | 3/8" NPT Female x 1/4" NPT Male |
| TS-20NP-2NPT | 1/4" NPT Female x 1/4" NPT Male |
| TS-20US-2NPT | 1/4" US Plug x 1/4" NPT Male |
| TS-20US-3NPT | 1/4" US Plug x 3/8" NPT Male |
| TS-30US-2NPT | 3/8" US Plug x 1/4" NPT Male |
| TS-30US-3NPT | 3/8" US Plug x 3/8" NPT Male |



AIR HOSE FITTINGS

| MODEL | CAPACITY |
|--------|-------------------------|
| 250-RZ | 1/4" NPT Rigid Fitting |
| 250-SZ | 1/4" NPT Swivel Fitting |
| 375-RZ | 3/8" NPT Rigid Fitting |
| 375-SZ | 3/8" NPT Swivel Fitting |
| 500-RZ | 1/2" NPT Rigid Fitting |
| 500-SZ | 1/2" NPT Swivel Fitting |

AIR LINE ACCESSORIES

QUICK COUPLERS

Manual ball couplers designed for use with ergonomic twist plugs. Brass with nitrile seals, rated to 300 PSI, from -40° to +250° F.



| MODEL | DESCRIPTION |
|-------|------------------------------------|
| B23 | 1/4" NPT F x 1/4" QC Brass Coupler |
| B23E | 1/4" NPT F x 3/8" QC Brass Coupler |
| B25 | 3/8" NPT F x 3/8" QC Brass Coupler |

IN-LINE MINI LUBRICATORS

These mist type inline lubricators keep air operated tools performing with greater efficiency. The patented "on the tool" mist lubricator system is more cost effective.



| MODEL | DESCRIPTION | WEIGHT | LENGTH | NPT | TOOL CFM |
|-------|-------------|----------|--------|-----|----------|
| 7006 | Mini Lube | 2 1/2 oz | 2 1/4 | 1/4 | 3 - 7 |
| 7007 | Midget Lube | 3 1/2 oz | 2 1/2 | 1/4 | 7 - 15 |
| 7008 | Master Lube | 5 oz | 3 1/4 | 3/8 | 15 - 30 |

IN-LINE MINI REGULATORS

Easily adjust airflow with the turn of a dial.

| MODEL | CAPACITY |
|------------|----------|
| 932-100-0 | 1/8" NPT |
| 932-110-0A | 1/4" NPT |



SWIVEL AIR FITTINGS GAUGES

For use with most portable air tools, including screwdrivers, drills, grinders, sanders, buffers, staple guns, and more. Rotates 360° for awkward angles.



| MODEL | INLET | WEIGHT | MAX PSI | TOOL CFM |
|--------|----------|--------|-----------|----------|
| 7021 | 1/4" NPT | 3 oz | Up to 125 | 25 |
| 7021AG | 1/4" NPT | 3 oz | Up to 125 | 25 |
| 7041A | 3/8" NPT | 11 oz | Up to 125 | 50 |
| 7041AG | 3/8" NPT | 3 oz | Up to 125 | 50 |
| 7051 | 1/2" NPT | 7 oz | Up to 125 | 60 |

FITTINGS AND ADAPTERS

Brass pipe fittings for use as medium and low pressure connectors. Meets functional requirements of SAE J530, SAE J531, ASME and ASA. Rated 1,000 PSI from -65° to +250° F.



| MODEL | DESCRIPTION |
|-----------|-------------------------------|
| 222P-6-4 | 3/8 NPT F x 1/4 NPT M Adapter |
| 222P-8-6 | 1/2 NPT F x 3/8 NPT M Adapter |
| 222P-12-8 | 3/4 NPT F x 1/2 NPT M Adapter |
| 209P-6-4 | 1/4 NPT F x 3/8 NPT M Bushing |
| 209P-8-6 | 3/8 NPT F x 1/2 NPT M Bushing |

MINI AIR GAUGE SWIVEL JOINT KITS

- Bi-directional 360° rotation.
- Keeps air hose straight and untwisted.
- Decreases operator fatigue.



| MODEL | DESCRIPTION |
|--------|-------------|
| 7021AG | 1/4 PT/NPT |
| 7041AG | 3/8 PT/NPT |



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800-852-1368

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