



## *Ergonomic Products for Safety and Productivity*



**ToolAssistPro**

- *Tool Balancers*
- *Workbench Kits*
- *JIBS & Booms*
- *Rail systems & Cranes*
- *Cord & Hose Reels*
- *Mobility Kits*
- *Accessories*

**2020**



## **EASILY ASSEMBLED KITS, COMPONENTS and ACCESSORIES**

*See page 3 for details.*

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### **WARRANTY**

Gleason warrants for a period of twelve (12) months after date of shipment, all goods manufactured by it to be free from defects in material and workmanship. If, within such warranty period, any such goods are proved, to Gleason's satisfaction, to be defective, such goods shall be repaired or, at Gleason's option, replaced f.o.b. Gleason's factory, without charge. Gleason's obligation hereunder shall be confined to such repair or replacement and shall be further conditioned upon Gleason receiving written notice of any alleged defect within 10 days after its discovery and, at Gleason's option, the return of the alleged defective goods to Gleason, f.o.b. its factory.

The foregoing warranty shall not apply to goods not manufactured by Gleason, or to goods which shall have been repaired or altered by others than Gleason so as to, in Gleason's judgment, adversely affect the same, or which shall have been subject to other than normal use of service, negligence, accident, or improper maintenance care, or storage. With respect to goods furnished but not manufactured by Gleason, the warranty obligations of Gleason shall in all respects conform and be limited to the warranty extended to Gleason by the supplier. The foregoing warranty is in lieu of all other express or implied warranties (except of title) and of all other obligations of Gleason.



## **Ergonomics Pays Dividends**

**If your company assembles, ships, or has an office, paying attention to workplace ergonomics increases productivity, reduces compensation claims and costs, and improves employee morale.**

After much in-fighting, the OSHA Ergonomics Standard that became effective January 16, 2001, was voted down by the new congress. There is now no law to enforce ergonomic standards, but that doesn't mean your company won't benefit by properly designed and implemented workstations. Ask the insurance company that carries your liability and workers comp. They are vitally interested in the safety of your workplace, including ergonomic issues.

OSHA describes the problem as follows: "Work-related musculoskeletal disorders (MSDs) result when there is a mismatch between the physical capacity of workers and the physical demands of their jobs. Each year 1.8 million workers in the United States report work-related MSDs such as carpal tunnel syndrome, tendonitis and back injuries. About 600,000 MSDs are serious enough to result in workers having to take time off work to recover. **The solution to these injuries lies with ergonomics, the science of fitting the job to the worker.**"

Several factors make broad ergonomic standards or workplace rules difficult or even impossible to enforce:

- Ergonomics is "people based"; the tools and postures that help one person avoid MSDs may not help all. Each person is different.
- MSD symptoms tend to appear slowly, over time. By the time the worker begins to feel pain, it may be too late to avoid the injury.
- Personal worker comfort while performing a task may or may not mean the workstation is properly set up. For example, a worker may feel comfortable reaching for a part but may develop an MSD over time. Repetition is a factor.
- Each task tends to be different from an ergonomic standpoint.

As bleak as the above sounds, there are some basic factors. The five risk factors, as defined by OSHA, are:

- **Repetition:** repeating same motions every few seconds for 2 hours or more at a time or using a device steadily for more than 4 hours daily.
- **Force:** lifting more than 75 lbs. at any one time or pushing/pulling with more than 20 lbs. of initial force.
- **Awkward Postures:** repeatedly raising or working with hands above the head for more than two hours a day or working with back, neck or wrists bent for more than two hours total per day.
- **Contact Stress:** using hand or knee as a hammer more than ten times an hour for more than two hours total per day.
- **Vibration:** using tools that typically have high vibration levels (chain saws, jack hammers, etc.) for more than 30 minutes per day or tools with moderate vibration (jigsaws, grinders, etc.) for more than two hours per day.

Note how "time" plays a significant role in the risk factors. This suggests that workers should be frequently "rotated" from job to job.

A second element is making sure the workstation fits the individual so as to, as much as possible, eliminate lifting, reaching, etc.

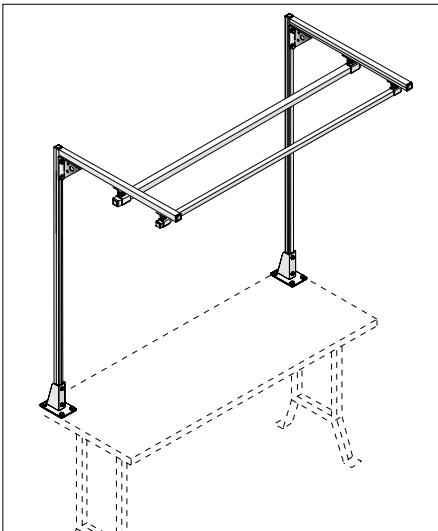
These two concepts, task rotation and work place customization, are at odds without properly equipped workstations. Workstations must be fully adjustable and easily configured to the task and the worker. The relatively small investment required to properly outfit your workstations pays big dividends in fewer injuries, improved employee moral and increased production, positively affecting your company's profits.

**TOOL-ASSIST PRO BY HUBBELL leads the way in solutions to ergonomic problems. Our broad, fully equipped line of modular workstations, tool balancers, torque arms, tool positioners and related equipment has found wide acceptance in ergonomically sensitive companies. In many workplaces, ergonomics was of relatively low importance until management became aware of the cost savings and increased production possible through the use of properly equipped workstations, workstations that can be adjusted to fit both the task and the worker.**



## UPDATE YOUR EXISTING BENCH

Easily, quickly, inexpensively retrofit old “beaters” as well as new benches.

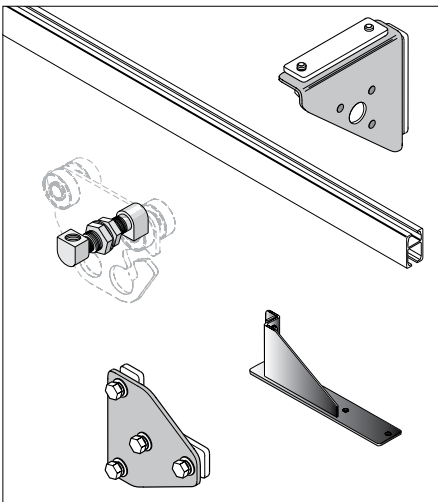


### KITS

TOOL-ASSIST PRO kits contain everything needed to assemble ergonomically sound fixed workstations or mobile productivity boosters. All fasteners are included, with most already in place. The only tools required are two wrenches and a tape measure (drilling may be required to secure workstation to some benches). To complete assembly, attach bases to the bench (three styles of bases are available), slide components into position and tighten hardware. Fully customize with readily available components and accessories to make each workstation fit the task and fit the people performing the task. That's practical, affordable ergonomics.

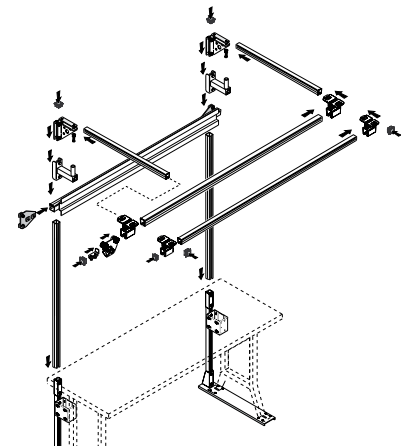


**Older bench equipped with new workstation kit and optional accessories.**



### COMPONENTS

Most components which make up TOOL-ASSIST PRO kits are available separately. Components are often added to basic kits, further customizing them to fit the task. Components may also be used to construct workstations or other equipment using the practical “slide & clamp” assembly method. Where applicable, components include track nuts or clamp bars, plus other hardware, required for assembly.



**Kits, components and accessories assemble easily. Just slide into place and tighten.**



### ACCESSORIES

TOOL-ASSIST PRO workstation accessories increase utilitarian value and make the workplace more user friendly by adding functions. Typical accessories include; adjustable swing arms with a variety of attachments, torque neutralizing arms and tool positioners, air manifolds, bars for holding plastic tote bins, shelves, and lights. Accessories can be installed easily on TOOL-ASSIST PRO fixed or portable workstation kits.



**Mobile productivity booster kits are complete, including all hardware. Assembly is required.**





## ERGO™

## Tool Balancers / Make Tools Weightless

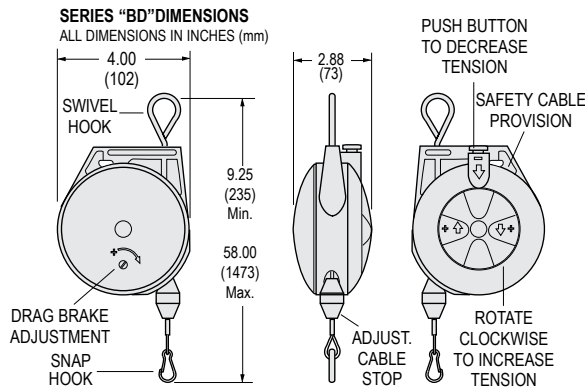


### RELIABLE & ECONOMICAL SERIES ERGO-1

ERGO-1 "BD" TOOL BALANCERS are the economical choice for balancing tools weighing up to 5 lbs (2.3kg). Molded ABS housing has a smooth exterior with rounded edges designed for maximum ergonomic appeal. Series "BD" balancers are the most modern, easiest to adjust, and reliable available. Each balancer incorporates all of the important functions expected of a world class product.

#### SEVEN WAYS BETTER:

1. Hand-windable spring tension adjustment knob is flush with the housing.
2. Push-button tension release simplifies decrease of spring tension.
3. Rugged steel upper swivel hook with secondary safety cable provision.
4. Over-sized cable opening with direct in-line pull to reduce cable wear.
5. 270 lb (121.5kg) test 0.047" (1.2mm) dia. 7 x 7 strand galvanized steel aircraft cable nylon covered to 0.063" (1.6mm) O.D.
6. Adjustable cable stop and lower safety hook.
7. Matte black finish to minimize reflected light and reduce eye strain.



#### SELECTION CHART

MIN - MAX LOAD lbs. / (kg.)	CABLE LENGTH* ft. / (m.)	REEL WEIGHT lbs. / (kg.)	MODEL NUMBER
0.5 - 1.5 (0.2 - 0.7)	6 (1.8)	1.3 (0.6)	BD-01
1.5 - 3.0 (0.5 - 1.4)	6 (1.8)	1.3 (0.6)	BD-03
3.0 - 5.0 (1.4 - 2.3)	6 (1.8)	1.5 (0.7)	BD-05

\*Cable lengths listed are for "active" or "working" cable. Includes cable stop and safety hook.

## BALANCER ACCESSORIES



#### ADJUSTABLE CABLE SADDLE

Hangs from balancer cable above tool to provide strain relief for electrical cable or air hose. Available in three sizes. Includes safety clip.

CABLE DIAMETER in. (mm)	MODEL NO.
0.3 - 0.59 (7 - 14)	CS-F1
0.6 - 0.94 (15 - 23)	CS-F2
0.95 - 1.25 (24 - 31)	CS-F3



#### #STC-01 SAFETY CLIP

Bright zinc plated steel safety latch for tool attachment and other uses. Measures 2.375" (60mm) long. One included with each BG reel. Rated capacity-70 lbs.



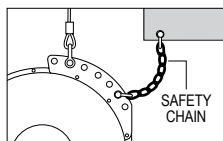
#### #CVF-01 CLEVIS

#### CLEVIS HANGERS

Galvanized forged steel hangers for mounting balancers, torque reels, etc. Measure 0.50" (13mm) between jaws. One #CVF-01 straight clevis included with each "BG" & "TQ" reel. #CVF-11 swivel clevis is optional extra. Pins included. Rated capacity-500 lbs.



#### #CVF-11 SWIVEL CLEVIS



#### SAFETY CABLE/CHAIN

Strongly recommended, secondary steel cable or steel link chain. Prevents balancer from accidental fall. Balancers have extra holes for cable or chain.

\*Nylon covered steel cable. / \*\*Steel link chain.

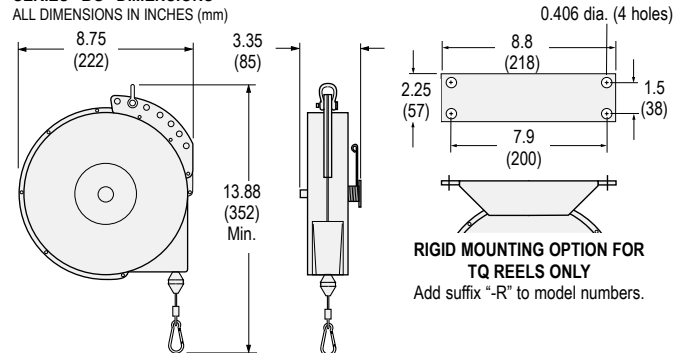


### HEAVY DUTY SERIES ERGO-2

ERGO-2 "BG" reels feature rugged steel construction with black polyester baked finish, reinforced hanging bracket with forged clevis for ceiling mounting and extra holes for safety chain attachment. Spring is permanently lubricated and provides constant tension, adjustable for balancing tool in normal working zone (6 - 18 in. [152-457mm]). Cable is 920 lb. (414kg) test 0.09" (2.3mm) dia. 7 x 7 strand galvanized steel aircraft cable nylon covered to 0.12" (3.0mm) O.D. Includes safety tool clip and adjustable cable stop.

LOCKING MODELS include all features listed above plus a positive ratchet lock mechanism to allow locking of the cable at a specific height. A slight pull on the cable releases the lock which functions like a window shade. Lock feature may be disengaged externally when constant tension is required.

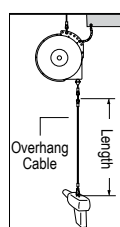
#### SERIES "BG" DIMENSIONS



#### SELECTION CHART

MIN - MAX LOAD lbs. / (kg.)	CABLE LENGTH* ft. / (m.)	RATCHET LOCK	REEL WT. lbs. / (kg.)	MODEL NUMBER
<b>BALANCERS (CONSTANT PULL REELS)</b>				
May be adjusted to balance through 6-18 in. (152-457mm) range.				
3 - 7 (1.4 - 3.2)	8 (2.4)	No	6 (2.7)	BG-03
5 - 10 (2.3 - 4.5)	8 (2.4)	No	6 (2.7)	BG-07
8 - 12 (3.6 - 5.4)	8 (2.4)	No	7 (3.2)	BG-10
10 - 15 (4.5 - 6.8)	8 (2.4)	No	8 (3.6)	BG-15
16 - 23 (7.2 - 10.4)	8 (2.4)	No	8 (3.6)	BG-20
16 - 23 (7.2 - 10.4)	8 (2.4)	No	8 (3.6)	BG-20SH**
22 - 27 (9.9 - 12.2)	8 (2.4)	No	8 (3.6)	BG-25
<b>RETRACTORS (RATCHET LOCK)</b>				
Retract tool upward when manually released				
3 - 7 (1.4 - 3.2)	8 (2.4)	Yes	6 (2.7)	BG-03-L
5 - 10 (2.3 - 4.5)	8 (2.4)	Yes	6 (2.7)	BG-07-L
8 - 12 (3.6 - 5.4)	8 (2.4)	Yes	7 (3.2)	BG-10-L
10 - 15 (4.5 - 6.8)	8 (2.4)	Yes	8 (3.6)	BG-15-L
16 - 23 (7.2 - 10.4)	8 (2.4)	Yes	8 (3.6)	BG-20-L
16 - 23 (7.2 - 10.4)	8 (2.4)	Yes	8 (3.6)	BG-20-LSH**
22 - 27 (9.9 - 12.2)	8 (2.4)	Yes	8 (3.6)	BG-25-L
<b>TORQUE REELS (RATCHET LOCK AND LONGER CABLE)</b>				
3 - 7 (1.4 - 3.2)	15.0 (4.5)	Yes	8 (3.6)	TQ1507***
5 - 10 (2.3 - 4.5)	15.0 (4.5)	Yes	10 (4.5)	TQ1510***
10 - 15 (4.5 - 6.8)	15.0 (4.5)	Yes	12 (5.4)	TQ1515***

\*Cable lengths listed are "active" or "working" cable. \*\*Includes BG-SH "Shock Stop". See Below. \*\*\*Clevis mount. For rigid mount add "-R" to model number.



#### OVERHANG CABLE

Nylon covered steel cable with safety clip. Brings tool closer to work area without unwinding cable from reel or mounting reel at a lower height.

LENGTH ft. (m.)	MODEL NO.
3 (0.9)	OC-03
5 (1.5)	OC-05
10 (3.0)	OC-10
15 (4.6)	OC-15



#### "SHOCK STOP"

#### SHOCK ABSORBER

Minimize cable damage often caused by overtensioning tool balancers. "Shock Stop" kit is easily installed. Can be used on any Series BG balancer. Kit includes spring, cable stops, all hardware.

MODEL  
NO.  
BG-SH



# ERGO™ TAPERED DRUM TOOL BALANCERS

## Drum Compensates For Changing Spring Rate

**Heavy-duty construction. Tapered drum compensates for changing spring rate.  
Direct spring powered - no motors or expensive gear trains to break or wear out.**

ERGO-3 "BH" Tapered Drum tool balancers keep tools within reach and reduce damage to tools by suspending them out of the way above the work surface. Risk of repetitive motion injury is reduced because only a light, downward force is required to place the tool in proper operating position. As the tool is lowered, and the spring is wound more tightly, the effective drum diameter increases to compensate for the increased force. Thus, when properly adjusted, the tapered drum keeps the tool at the positioned height.

### Features include:

- Rugged die cast aluminum housing
- Both top and bottom hooks have spring-loaded safety latches
- Heavy duty steel wire rope
- Automatic safety catch prevents free-spooling if springs fail (not available on BH-02/BH-05)
- Easy adjustment with everyday tools from outside housing



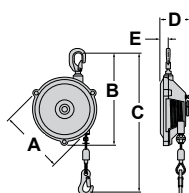
Models "BH-02"  
through "BH-05"



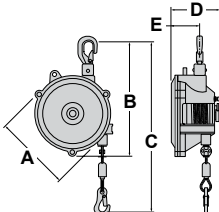
Models "BH-09"  
through "BH-70"



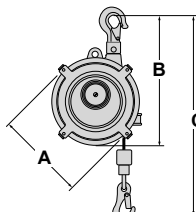
Models "BH- 85"  
through "BH-140"



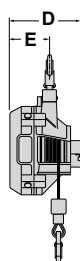
BH-02



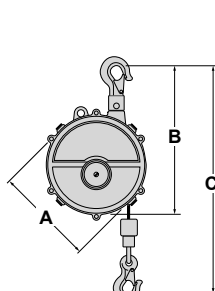
BH-03/BH-05



BH-09/BH-70



BH-85



BH-100/BH-140

### Selection Chart

For Tool Weighing*	Cable Travel	Shipping Weight	Model Number
1.1 - 4.4 lbs.	3.3 ft.	2.2 lbs.	BH-02
2.2 - 6.6 lbs.	4.3 ft.	2.8 lbs.	BH-03
5.5 - 11 lbs.	4.3 ft.	3.3 lbs.	BH-05
9 - 20 lbs.	3.9 ft.	13.4 lbs.	BH-09
20 - 33 lbs.	3.9 ft.	13.4 lbs.	BH-15
33 - 48 lbs.	4.5 ft.	22.6 lbs.	BH-22
48 - 66 lbs.	4.5 ft.	22.6 lbs.	BH-30
66 - 88 lbs.	4.5 ft.	27.0 lbs.	BH-40
88 - 110 lbs.	4.5 ft.	27.0 lbs.	BH-50
110 - 132 lbs.	4.5 ft.	31.4 lbs.	BH-60
132 - 154 lbs.	4.5 ft.	31.4 lbs.	BH-70
154 - 187 lbs.	4.5 ft.	58.4 lbs.	BH-85
187 - 220 lbs.	4.5 ft.	56.0 lbs.	BH-100
220 - 264 lbs.	4.5 ft.	60.0 lbs.	BH-120
264 - 308 lbs.	4.5 ft.	61.0 lbs.	BH-140

\* Tool weight includes hose or cord and other attachments which must be supported by balancer.

### Dimensional Chart

Model	A	B	C**	D	E
BH-02	5.00 in.	7.25 in.	11.25 in. min.	1.81 in	0.81 in
BH-03/BH-05	5.83 in.	8.25 in	12.50 in. min.	2.72 in.	1.44 in
BH-09/BH-15	7.00 in.	10.00 in.	13.00 in. min.	5.50 in.	2.88 in
BH-22/BH-70	8.60 in.	12.60 in.	17.00 in. min.	6.40 in.	3.19 in.
BH-85	9.50 in.	14.00 in.	20.00 in. min	9.75 in.	5.38 in
BH-100/BH-140	9.50 in.	14.00 in.	21.00 in. min	9.75 in.	5.38 in

\*\* Minimum height fully retracted, inside of hook to inside of hook.

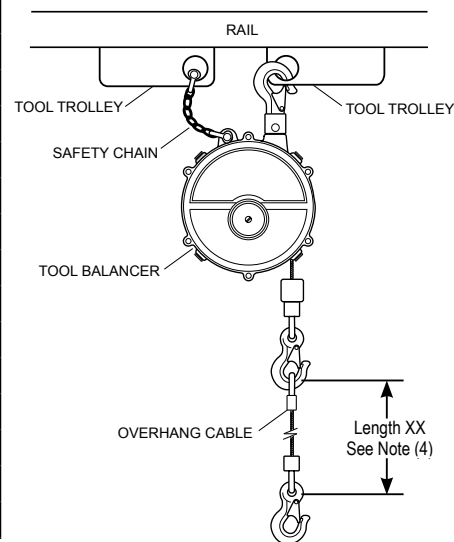
### Safety Chain (recommended)

Description	Shipping Weight	Model Number
2.0 ft. Steel Link Chain w/ Clevises	1.5 lbs.	SC-EH2
3.0 ft. Steel Link Chain w/ Clevises	2.0 lbs.	SC-EH3



## Accessories For ERGO-3 BH Tool Balancers

Series BH Tool Balancer Accessories					
Balancer Model No.	Capacity		Safety Chain	Overhang Cable (4)	Tool Trolley
	Lbs.	(Kg)			
BH-02 (1)	1.1 - 4.4	(0.5 - 2.0)	NONE	OC-XX	WS30-BTL (6)
BH-03 (1)	2.2 - 6.6	(1.0 - 3.0)	SC-BG3	OC-XX	WS30-BTL (6)
BH-05 (1)	5.5 - 11	(2.5 - 5.0)	SC-BG3	OC-XX	WS30-BTL (6)
BH-09 (1)	9 - 20	(4.1 - 9.1)	SC-BG3	OC-XX (5)	WS50-BTL
BH-15 (2)	20 - 33	(9.1 - 15)	SC-BG3	OC-XX (5)	WS50-BTL
BH-22 (2)	33 - 48	(15 - 21.8)	SC-BG3	OC5MB-XX	WS50-BTL
BH-30 (2)	48 - 66	(21.8 - 30.0)	SC-BG3	OC5MB-XX	WS60-BT
BH-40 (2)	66 - 88	(30.0 - 40.0)	SC-BH3	OC5MB-XX	WS60-BT
BH-50 (2)	88 - 110	(40.0 - 50.0)	SC-BH3	OC5MB-XX	WS60-BT
BH-60 (2)	110 - 132	(50.0 - 60.0)	SC-BH3	OC5MB-XX	WS60-BT
BH-70 (2)	132 - 154	(60.0 - 70.0)	SC-BH3	OC5MB-XX	WS60-BT
BH-85 (2)	154 - 187	(70.0 - 85.0)	SC-BH3	OC8MB-XX	WS60-BT
BH-100 (3)	187 - 220	(85.0 - 100.0)	SC-BH3	OC8MB-XX	W6S-BT
BH-120 (3)	220 - 264	(100.0 - 120.0)	SC-BH3	OC8MB-XX	W6S-BT
BH-140 (3)	264 - 308	(120.0 - 140.0)	SC-BH3	OC8MB-XX	W6S-BT



- (1) Balancer hook will fit WS30-BTL or WS50-BTL Tool Trolley.  
 (2) Balancer hook will fit either WS50-BTL, WS60-BT or W6S-BT Tool Trolley.  
 (3) Balancer hook will fit only W6S-BT Tool Trolley.  
 (4) "XX" = Length req'd. When ordering indicate, -03 = 3 ft., -05 = 5 ft. or -10 = 10 ft.  
 (5) Use with BH-09 or BH-15 requires one additional SCT-01 Safety Clip.  
 (6) WS50-BTL may also be used with BH-02, BH-03 and BH-05.

## Repair Parts For ERGO-3 BH Tool Balancers

BH-09 - 70 BALANCERS	
MODEL #	DESCRIPTION
BH09-SPG	SPRING FOR BH-09
BH15-SPG	SPRING FOR BH-15
BH22-SPG	SPRING FOR BH-22
BH30-SPG	SPRING FOR BH-30
BH40-SPG	SPRING FOR BH-40
BH50-SPG	SPRING FOR BH-50
BH60-SPG	SPRING FOR BH-60
BH70-SPG	SPRING FOR BH-70
BH915-CBL	CABLE FOR BH-09 & BH-15
BH2270-CBL	CABLE FOR BH-22 THRU BH-70
BH915-DRM	DRUM FOR BH-09 & BH-15
BH2270-DRM	DRUM FOR BH-22THRU BH-70

BH-02 - 05 BALANCERS	
MODEL #	DESCRIPTION
BH02-SPG	SPRING W/DRUM FOR BH-02
BH03-SPG	SPRING W/DRUM FOR BH-03
BH05-SPG	SPRING W/DRUM FOR BH-05
BH02-CBL	CABLE FOR BH-02
BH03-CBL	CABLE FOR BH-03
BH05-CBL	CABLE FOR BH-05

BH-85 - 140 BALANCERS	
MODEL #	DESCRIPTION
BH85-SPG	SPRING FOR BH-85
BH100-SPG	SPRING FOR BH-100
BH120-SPG	SPRING FOR BH-120
BH140-SPG	SPRING FOR BH-140
BH85140-DRM	DRUM W/CABLE FOR BH-85 THRU BH-140





# SINGLE COLUMN WORKSTATION KITS

## Swing or Fixed Booms

SINGLE COLUMN KITS are the efficient and economical way to meet ergonomic requirements. Each kit is complete with 180° swing or fixed boom, safety hook or balancer trolley and Universal Bracket for mounting everything from an air line fitting to peg board. Some models also include tool balancer, coiled air line, brass air line fitting and cord grip for use with electric tools. It's ready to mount on your

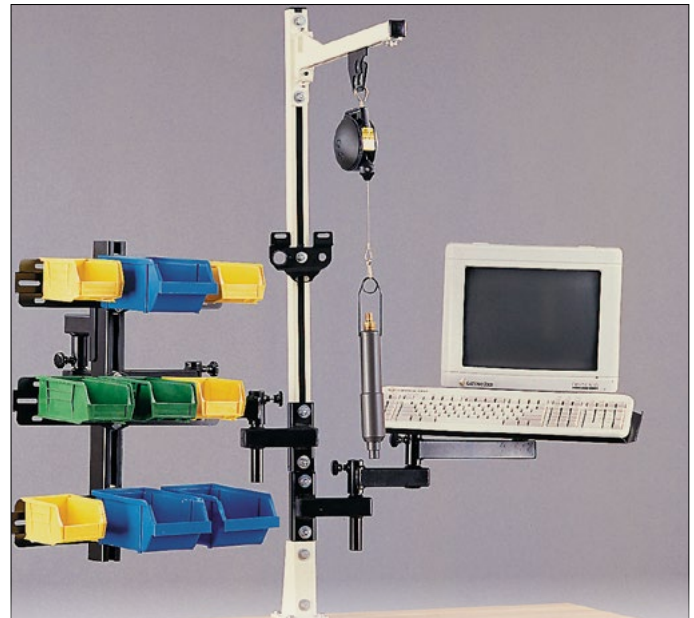
work bench then customize - add swing arms with attachments, as shown below right, or other items as required. Horizontal boom has rated maximum capacity of 30 lbs. (13.5 kg). Bolts to any bench top. Hardware for mounting jib to bench not included. Balancer is easily adjusted to support tool weight allowing maximum productivity with minimum effort. Tool not included.



**36" SWING BOOM KIT WITH TOOL TROLLEY**  
Except for tool & hardware to attach jib to your bench top, what you see here is what you get. Swing arms may be installed on 36" jib kits.

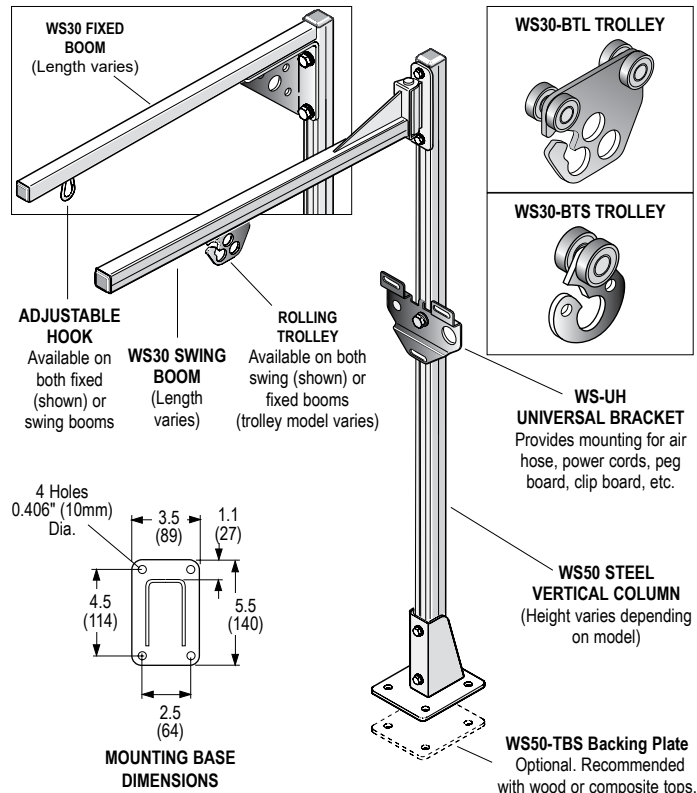
**36" (914mm) LONG BOOM WORK STATION KIT** (above, left) includes (1) fixed or swing 3 ft. WS30 swing boom, (1) 5 ft. WS50 vertical column, (1) 1.5, 2.5, or 5.0 lb. tool balancer, (1) balancer trolley, (1) end stop (with trolley only), (2) end caps, (1) WS-UH universal bracket, (1) brass air fitting, (1) cord grommet, (1) coiled 1/4" air line, (1) mounting base, all hardware required for assembly. Mounting fasteners not included. Does not include tool.

**24" (610mm) LONG BOOM WORK STATION KIT** (above, right) includes (1) fixed or swing 2 ft. WS30 boom, (1) 4 ft. WS50 vertical column, (1) balancer trolley or end stop hook, (1) end stop (with trolley only), (2) end caps, (1) angle bracket (fixed boom only), (1) WS-UH universal bracket, (1) mounting base, and all assembly hardware. Does not include fasteners for mounting base to bench. Does not include swing arms, balance reel, tool, air line or fittings shown in illustration.



**24" SWING BOOM KIT WITH ROLLING TROLLEY**

Also available with fixed tool hook. Pictured with optional tool balancer, swing arms, white marker board and document stand. Tool and air line also supplied by customer. Swing arms may also be installed on 36" jib kits.



**WS30 boom for total loads to 30 lbs. (13.5 kg)**

Min - Max BALANCER CAPACITY	TROLLEY MODEL NUMBER	BOOM LENGTH & TYPE	VERTICAL COLUMN HEIGHT	WITH HOOK MODEL NO.	WITH TROLLEY MODEL NO.
0.5-1.5 lbs.	WS30-BTS	36" Swing	5' (1.5m)	na	WTS-050301
1.5-3.0 lbs.	WS30-BTS	36" Swing	5' (1.5m)	na	WTS-050302
3.0-5.0 lbs.	WS30-BTS	36" Swing	5' (1.5m)	na	WTS-050305
0.5-1.5 lbs.	WS30-BTS	36" Fixed	5' (1.5m)	na	WTF-050301
1.5-3.0 lbs.	WS30-BTS	36" Fixed	5' (1.5m)	na	WTF-050302
3.0-5.0 lbs.	WS30-BTS	36" Fixed	5' (1.5m)	na	WTF-050305
na	WS30-BTL*	24" Swing	4' (1.2m)	WHS-020400	WTS-020400
na	WS30-BTL*	24" Fixed	4' (1.2m)	WHF-020400	WTF-020400

\* Only on models supplied with trolley.



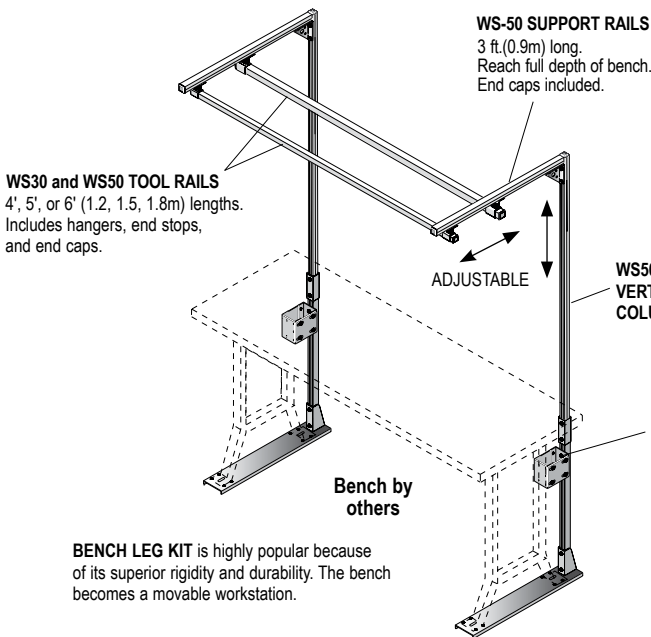


## TOOL RAIL KITS

### Dual Rail, Dual Column, Bench Supported

**DUAL COLUMN WORKSTATION KITS** include two straight rails, your choice of three mounting base styles and in a range of heights to fit virtually any bench and any task you have. Height of horizontal support rails is adjustable, as is position of rails and width (distance between vertical columns). Kits include one WS30 and one WS50 rail. Either or both may be used as tool rail by adding optional balancer trolleys. Trolley mounted TORQ-ARM™ may be used, as can most accessories. Additional components may be added to make these workstations even more functional. Consult your Hubbell Workplace Solutions distributor or contact the factory for more details.

**TOOL RAIL KITS** include (1) WS30 rail with hangers, (1) WS50 rail with hangers, (2) WS50 vertical columns, (2) WS50 horizontal 36" rails, (2) angle brackets with hardware, (2) bases as shown, (4) end stops, (8) end caps, and all assembly hardware.



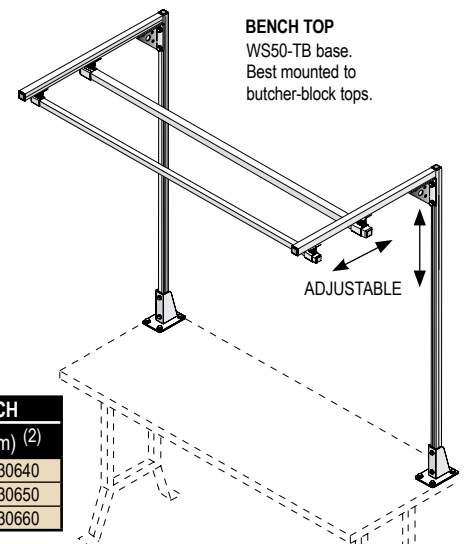
#### STRAIGHT RAIL BENCH LEG KITS

RAIL WIDTH ft. (m)	HEIGHT ABOVE BENCH	
	7 ft.(2.1m) (1)	7 ft.(2.1m) (1)
	30"(762) BASE	36"(914) BASE
4.0 (1.2)	#WKF-030740	#WKF-030746
5.0 (1.5)	#WKF-030750	#WKF-030756
6.0 (1.8)	#WKF-030760	#WKF-030766

NOTE 1: Nominal floor to top of vertical rail is 7'(2.1m). For 8'(2.4m) high models, change 7 in model number to 8, ie: WKF-030840

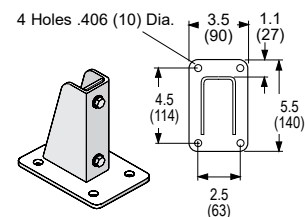
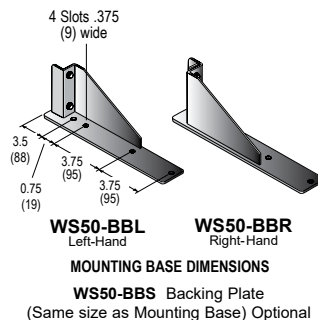
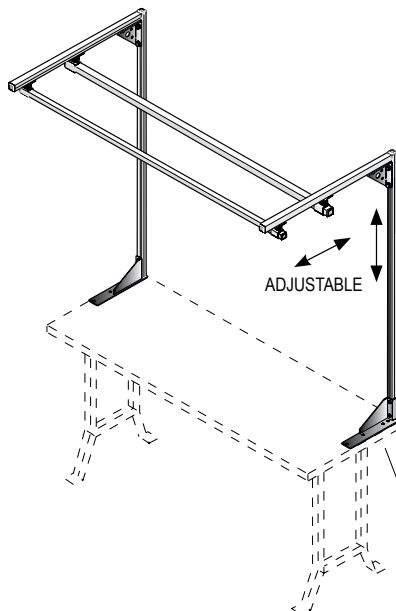
#### WS50-UF30 or WS50-UF36 BENCH LEG BASES

Bolt or weld to bottoms and back uprights of legs. Mounting bracket fully adjustable. Available for 30" (762mm) or 36" (914mm) bench depth. Base predrilled to fit most standard benches cataloged by Edsal, Equipto, Lyon, Penco and similar manufacturers.



#### STRAIGHT RAIL BENCH TOP KITS

RAIL WIDTH ft. (m)	HEIGHT ABOVE BENCH	
	5 ft.(1.5m) (2)	6 ft.(1.8m) (2)
4.0 (1.2)	#WGB-030540	#WGB-030640
5.0 (1.5)	#WGB-030550	#WGB-030650
6.0 (1.8)	#WGB-030560	#WGB-030660



#### MOUNTING BASE DIMENSIONS

**WS50-TBS** Backing Plate  
(Same size as Mounting Base) Optional

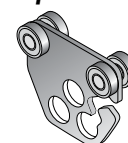
#### STRAIGHT RAIL BENCH TOP KITS

RAIL WIDTH ft. (m)	HEIGHT ABOVE BENCH	
	5 ft.(1.5m) (2)	6 ft.(1.8m) (2)
4.0 (1.2)	#WKB-030540	#WKB-030640
5.0 (1.5)	#WKB-030550	#WKB-030650
6.0 (1.8)	#WKB-030560	#WKB-030660

#### TABLE BRACKET

WS50-BBR and WS50-BBL bases. Predrilled to fit Equipto and Lyon steel tops.

### Optional for all Bench Top Kits



**BALANCER TROLLEY**  
WS30-BTL for WS30 rail.  
WS50-BTL for WS50 rail.  
Order separately.

NOTE 2: Height of bench will determine Tool Rail height.



# CURVED RAIL FOLLOWS THE WORK

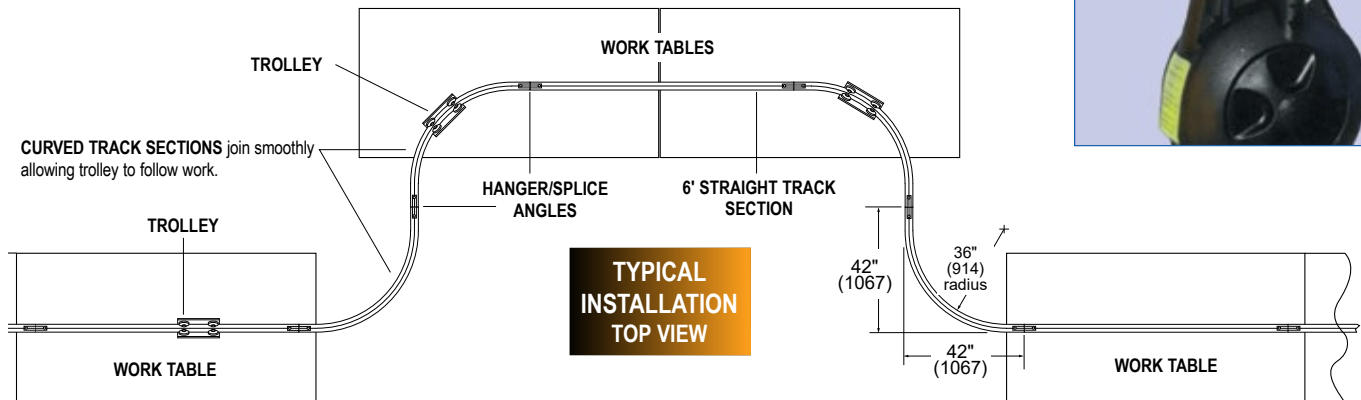
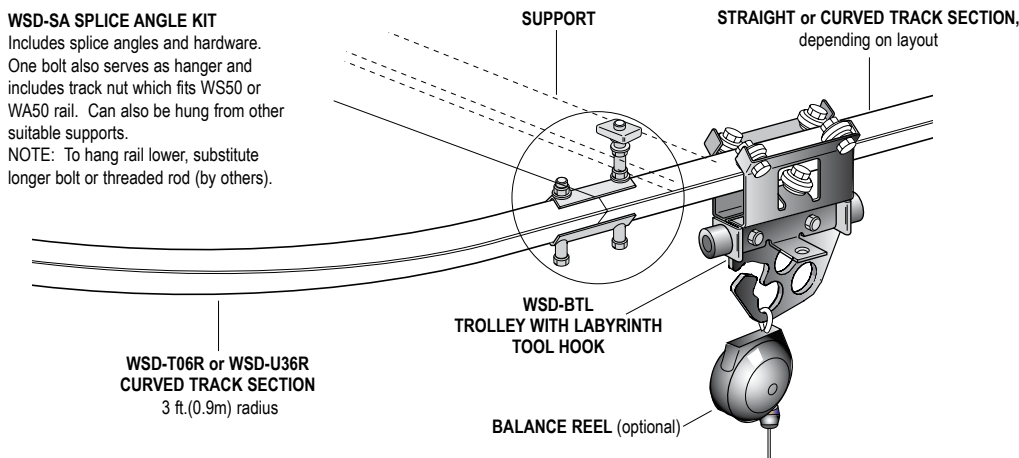
## Guides Tools and Controls Around Corners

**UNIQUE DIAMOND RAIL** track and matching trolleys allow tools or control boxes to follow assembly line or conveyor path. Curved sections with 3 ft. (0.9m) radius form 90° corner and connect to other curved or straight track sections for smooth, non-stop trolley movement. Design and build your own system from components shown below. Threaded hangers may be hung from overhead beams or from WS50 rail using standard track nut. Trolleys include safety flanges to prevent fall if rollers fail. Capacity 30 lbs. (13.5 Kg).

### WSD-SA SPLICE ANGLE KIT

Includes splice angles and hardware. One bolt also serves as hanger and includes track nut which fits WS50 or WA50 rail. Can also be hung from other suitable supports.

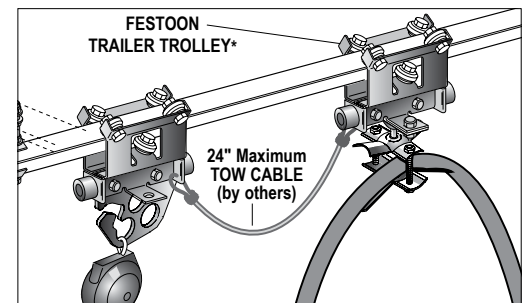
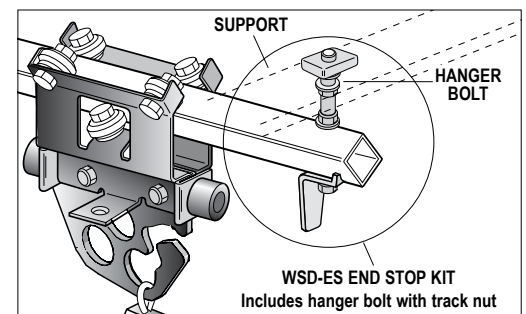
NOTE: To hang rail lower, substitute longer bolt or threaded rod (by others).



### COMPONENT CHART

DESCRIPTION	FINISH	MODEL NO.
6' (1.8m) STRAIGHT TRACK SECTION	BEIGE POLYESTER	WSD-T06
	UNFINISHED	WSD-U06
90° x 36" (914 mm) RADIUS CURVED TRACK SECTION	BEIGE POLYESTER	WSD-T36R
	UNFINISHED	WSD-U36R
SPLICE ANGLE KIT includes (2) angles, hanger bolt, splice bolt, nuts & washers	ZINC PLATED	WSD-SA
END STOP KIT (right, top) includes end stop, hanger bolt, nuts & washers	ZINC PLATED	WSD-ES
TROLLEY-LABYRINTH TOOL HOOK	BLACK POLYESTER	WSD-BTL
FESTOON TRAILER TROLLEY*	BLACK POLYESTER	WSD-RC12

\*FESTOON TRAILER TROLLEY (right, bottom) provides easy management of cord or hose supplying power to tool. Fits cable or hose 0.60-0.94" (15-24mm) diameter. Tow cable connecting tool trolley to trailer trolley should not exceed 24" in length.





## 4 Ft LED Workbench Light & Power Bars

The economic and efficient solution for workbench lighting!



### WORK LIGHTS FEATURE:

- Standard Clear Prismatic Lens.
- Polycarbonate safety tubes. Protect lamps, increase safety and meet OSHA, FDA, NEC and USDA requirements preventing contamination in case of lamp breakage.
- Model WBL-204A tilts 15° fore or aft and adjusts to bench width.
- Blacked-out side lens minimizes stray light.

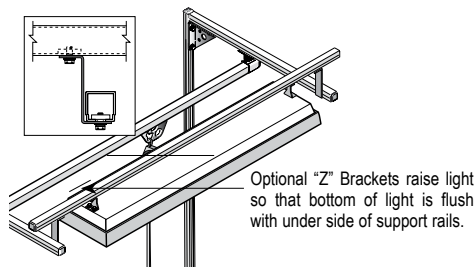
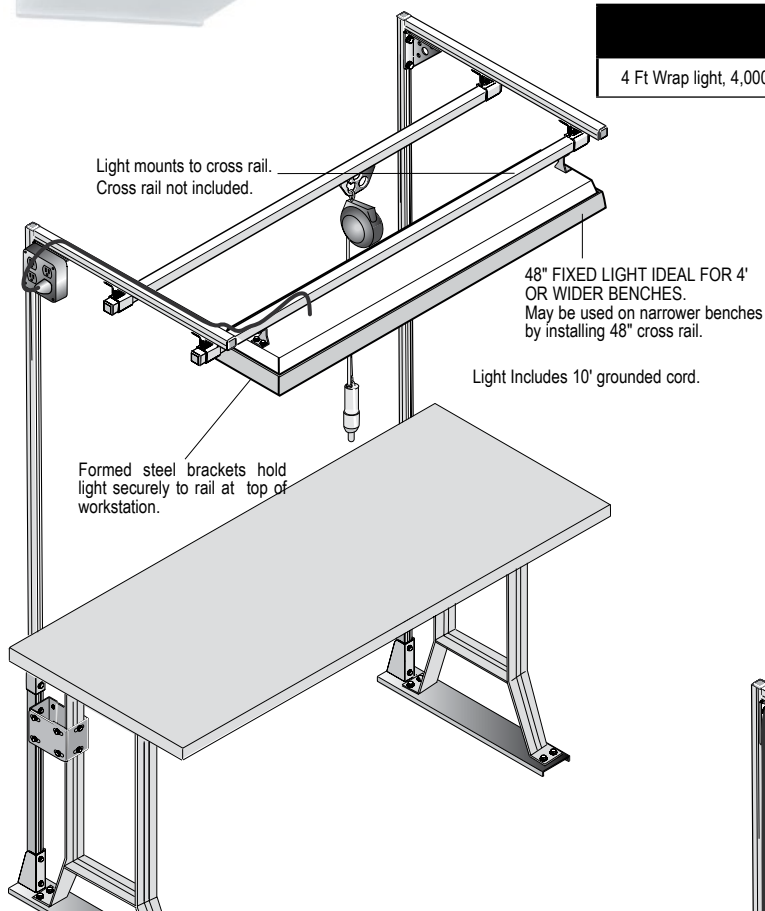
### STANDARDS, CERTIFICATION AND COMPLIANCE

All luminaires are built to UL1598 standards and bear appropriate UL labels. Damp location label standard. DLC (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

### WARRANTY

One year warranty. Terms and conditions apply.

DESCRIPTION	MODEL NUMBER	LUMENS	WATTS	LPW
4 Ft Wrap light, 4,000 Lumen LED, 3500K (assembly required)	WBL-204LED	4584	36.9	124



Easily removable lens allows quick cleaning or lamp replacement.

48" ADJUSTABLE LIGHT TILTS 15°, ADJUSTS TO FIT VARIETY OF BENCH WIDTHS.

Light fixture may be tilted 15° fore or aft.

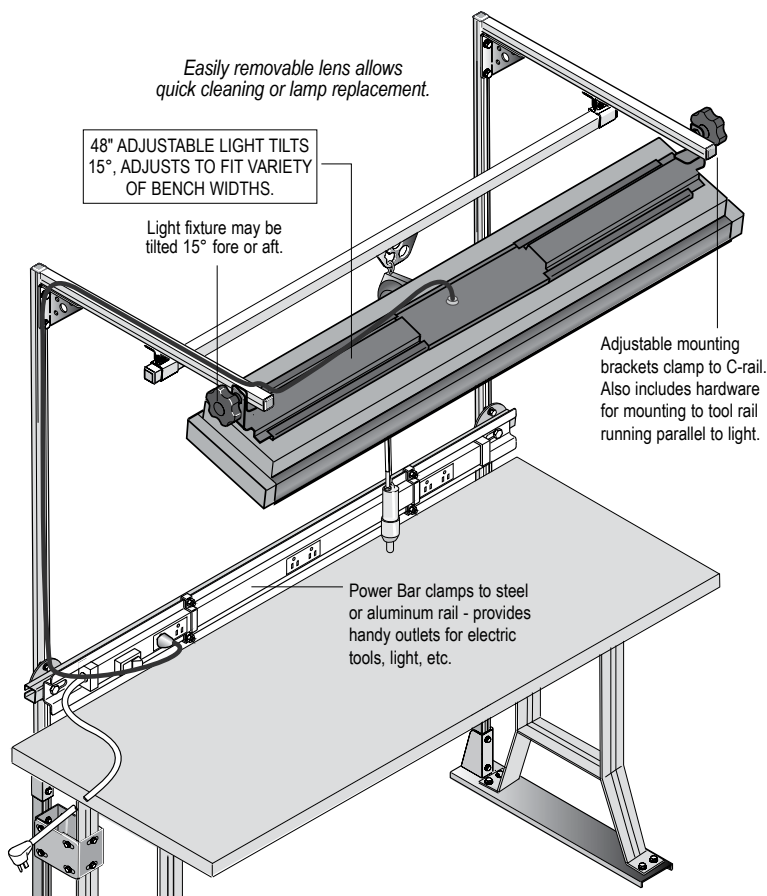
Adjustable mounting brackets clamp to C-rail. Also includes hardware for mounting to tool rail running parallel to light.

### POWER BARS FEATURE:

- Grounded outlets and plugs.
- On/off switch and circuit breaker with reset.
- Mounting bracket and hardware in length to fit your work bench.

DESCRIPTION	MODEL NUMBER	FC* @ 3'	FC* @ 4'
48" Two Tube Adjustable Workstation Light	WBL-204A	93	70
48" Four Tube Fixed Workstation Light	WBL-404	185	130
"Z" Bracket to raise light flush with supports	WBL-40X-AM	N/A	N/A
36" Power Bar with 36" Mounting Bar	WPB-303A	N/A	N/A
36" Power Bar with 48" Mounting Bar	WPB-304A	N/A	N/A
36" Power Bar with 60" Mounting Bar	WPB-305A	N/A	N/A
36" Power Bar with 72" Mounting Bar	WPB-306A	N/A	N/A
60" Power Bar with 60" Mounting Bar	WPB-505A	N/A	N/A
60" Power Bar with 72" Mounting Bar	WPB-506A	N/A	N/A

\* One foot-candle is equal to one lumen per square foot.







## ADD ACCESSORIES TO YOUR KIT

### Make Your Workstations Do All They Can Do

#### MANIFOLD WITH BRACKETS

##### NEW DESIGN

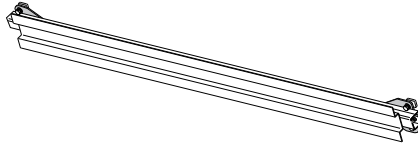
Square tubing provides 66% more volume than former round tube. Ideal where multiple tools are used. Drilled and tapped for 3/8" NPT air inlets and outlets (see chart below for quantity). Mounts to vertical columns or top rails on workstations. Beige Polyester Finish. Mounting hardware included.



WIDTH ft. (m)	No. TAPS	SHIPPING WEIGHT	MODEL NUMBER
3.0 (0.9)	3	18 lbs.	WMAN-03C
4.0 (1.2)	4	22 lbs.	WMAN-04C
5.0 (1.5)	5	28 lbs.	WMAN-05C
6.0 (1.8)	6	33 lbs.	WMAN-06C
7.0 (2.1)	7	37 lbs.	WMAN-07C
8.0 (2.4)	8	42 lbs.	WMAN-08C

#### BIN BAR WITH BRACKETS

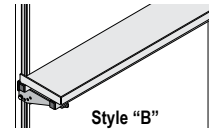
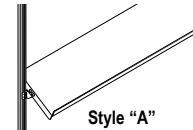
Holds hanging plastic bins. Mounts to WS50 or WA50 vertical columns. Beige Polyester Finish. Includes mounting brackets and hardware. Accepts Akro, Lewis, Nestier, Duralene and other brands of bin boxes. Maximum capacity 50 lbs. (22.5kg).



WIDTH ft. (m)	MODEL NUMBER
3.0 (0.9)	WS50-BB03A
4.0 (1.2)	WS50-BB04A
5.0 (1.5)	WS50-BB05A
6.0 (1.8)	WS50-BB06A
7.0 (2.1)	WS50-BB07A
8.0 (2.4)	WS50-BB08A
9.0 (2.7)	WS50-BB09A

#### SHELVES WITH BRACKETS

Hold up to 50 lbs. (22.5 kg). of parts, tools, etc. Adjustable tilt. Style "A", in 12" or 18" depth, mounts between vertical columns (column spacing fixed). Style "B" (12" deep only) mounts on front of columns (brackets may be adjusted to match column spacing). Polyester Finish. Shelves beige, brackets black. Mounting hardware included.



WIDTH* in (mm)	MODEL NUMBER
<b>Style "A"-12"(305) Deep</b>	
Bracket Kit	WS50-SS00
30.0 (762)	WS50-SS03
42.0 (1067)	WS50-SS04
54.0 (1372)	WS50-SS05
66.0 (1676)	WS50-SS06
<b>Style "A"-18"(457) Deep</b>	
Bracket Kit	WS50-SS00
30.0 (762)	WS50-SS183
42.0 (1067)	WS50-SS184
54.0 (1372)	WS50-SS185
66.0 (1676)	WS50-SS186

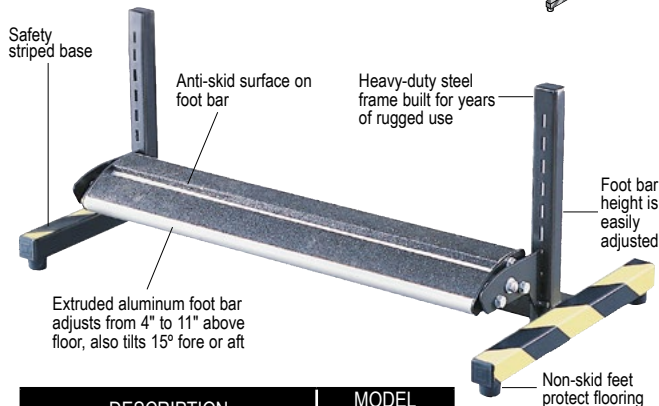
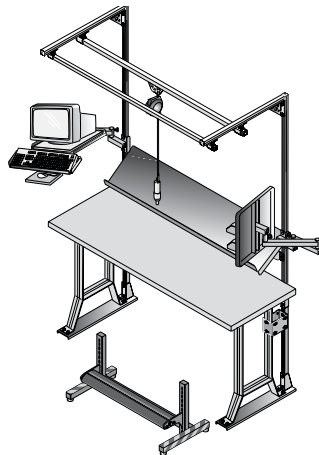
WIDTH* in (mm)	MODEL NUMBER
<b>Style "B"-12"(305) Deep</b>	
Bracket Kit	WS50-SS00A
32.0 (812)	WS50-SS03A
44.0 (1117)	WS50-SS04A
56.0 (1422)	WS50-SS05A
68.0 (1727)	WS50-SS06A

\*Center-to-center spacing of vertical columns must be WIDTH + 2" (51mm) for Style "A" shelves.

## ADJUSTABLE FOOT REST

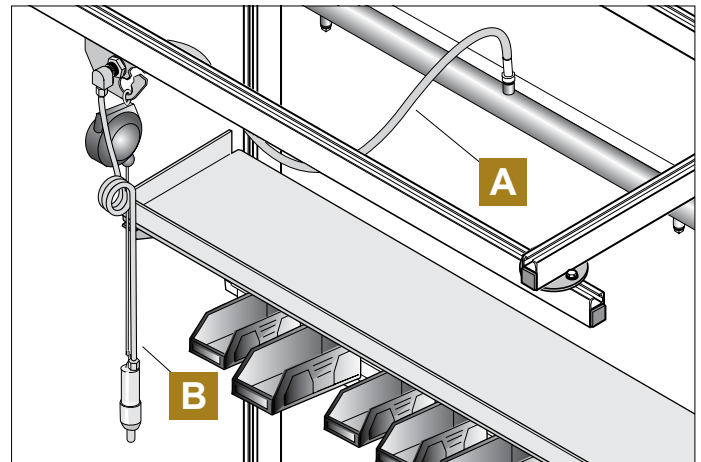
### Easy On The Legs

Seated or standing, your workers can be more productive and more comfortable when a foot rest is used. In addition, use of a foot rest offers a degree of protection from back or leg strain. Fully adjustable and strong enough for heavy industrial applications, it's constructed of steel with extruded aluminum foot bar. Standard model measures 29" wide, 12.75" deep and 12.25" high. Smaller "under desk" version measures is 23" wide. Both rest on four non-skid rubber feet. The foot bar is easily adjustable from 4" to 11" above the floor and tilts 15° fore and aft. Frame is finished with matte black baked polyester coating. Foot bar is natural aluminum with two anti-skid strips.



DESCRIPTION	MODEL NUMBER
Standard Adjustable Foot Rest	HWS-FR01
Office "Under Desk" Foot Rest	HWS-FR02

## AIR LINES



**A** The most flexible air line we have found. Ideal for connecting tool trolley to manifold or other supply because its flexibility does not interfere with trolley movement. Clear, reinforced plastic, 3/8" I.D. with 3/8" NPT male swivel fittings on both ends.

LENGTH ft. (m)	MODEL NUMBER
2.0 (0.6)	HWS-AL02
3.0 (0.9)	HWS-AL03
4.0 (1.2)	HWS-AL04
5.0 (1.5)	HWS-AL05
6.0 (1.8)	HWS-AL06

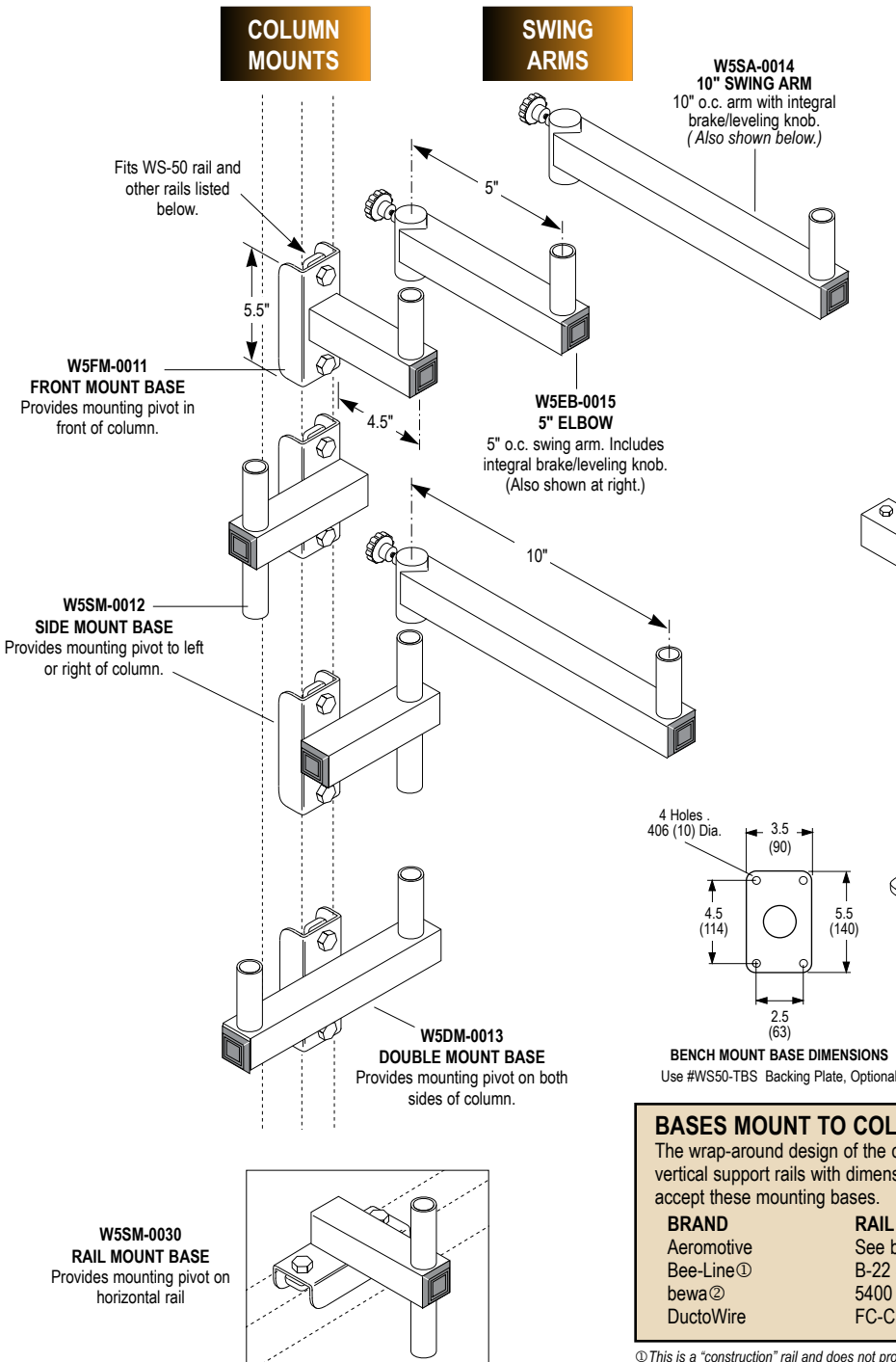
**B** Coiled hose from trolley to tool. Transparent blue polyurethane hose is flexible and light weight, doesn't interfere with tool positioning. Excellent memory retention. High chemical resistance. 3/8" O.D. x 1/4" I.D. x 4' extended length. 1/4" NPT male swivel fitting both ends.

MODEL NUMBER
HWS-AC04

## WORK LIGHTS AND POWER BARS

### Power-up and Put Some Light on the Subject

Swing arms with a variety of attachments, can be added to existing workstations or benches. Column mounts clamp on any WS50 or similar column or rail. Bench mount can be bolted to any level surface. Arms, elbows and attachments slide together and can be adjusted to provide maximum worker efficiency, least worker strain. Black baked polyester finish (boards natural, beige or white as shown). Max capacity 30 lbs. (13.5 kg), arm alone or arm and elbow together. Use of three or more arms or elbows on one mount reduces capacity and is not recommended. Swing arms, elbows and attachments include adjustable drag brakes. Installation hardware included with column mounts.



Single Column Kit shown with swing arms. Swing arms may also be used with dual column kits.

#### BASES MOUNT TO COLUMNS MADE BY OTHERS

The wrap-around design of the column mounts allows affixing to a variety of commonly used vertical support rails with dimensions similar to our WS50 rail. The rails listed below will accept these mounting bases.

BRAND	RAIL TYPE	BRAND	RAIL TYPE
Aeromotive	See bewa	Econoline	WS50, WA50
Bee-Line <sup>①</sup>	B-22 & B-24	Kindorf <sup>①</sup>	B-905
bewa <sup>②</sup>	5400	Unistrut <sup>①</sup>	P-1000, P-3000
DuctoWire	FC-CH2A	Wampfler <sup>②</sup>	24-100

<sup>①</sup> This is a "construction" rail and does not provide a suitable surface for wheels.

<sup>②</sup> German product design



## ADD ACCESSORIES TO YOUR KIT

### Make Your Workstations Do All They Can Do

Customize your workstations to fit the task and the worker. Attachments slide easily onto mounts or swing arms (previous page). Adjustable brake may be tightened to limit free movement. Frame available separately for holding your custom board. Components finished as shown below. All mounting hardware included. Complete kits, including arms, also available. See details below, right.

**W5BR-1018 (single bar)**  
**W5BR-2018 (double bar, shown)**  
**W5BR-3018 (triple bar)**  
**BIN RACK**

19" w x 20" h (483 x 508).  
Heavy gauge steel with black finish. Accepts Akro,  
Lewis, Nestler, Duralene  
and other brands of bin boxes.

**W5BR-0018**  
**BAR ONLY**

Includes mounting disk.

**W5PB-2018**  
**PEG BOARD & MOUNT**

19" w x 20" h (483 x 508).  
Natural color composition board.

**W5MB-2018**  
**WHITE MARKER BOARD & MOUNT**

19" w x 20" h (483 x 508). Steel.  
Use magnets or wipe-off markers.

**W5CT-0017 SWIVEL TRAY**

15" x 15" (381 x 381).  
Does not include Key Board Tray.  
Black baked polyester finish.

Also available:  
10" x 10" flat tray which tilts 90°  
Order **W5ST-1010**

**W5SS-0019 (Black)**

**W5SB-0024 (Beige)**

**SMALL DOCUMENT STAND**

10" w x 12" h (254 x 305).  
Holds A size drawings.  
Features 90° tilt; flat to vertical.

**W5LB-0025 (Beige)**

**W5DB-0026 (Black)**

**LARGE DOCUMENT STAND**

19" h x 17" w (483 x 432).  
Ideal for B or C size drawings.  
Features 90° tilt; flat to vertical.

**W5KT-0018**

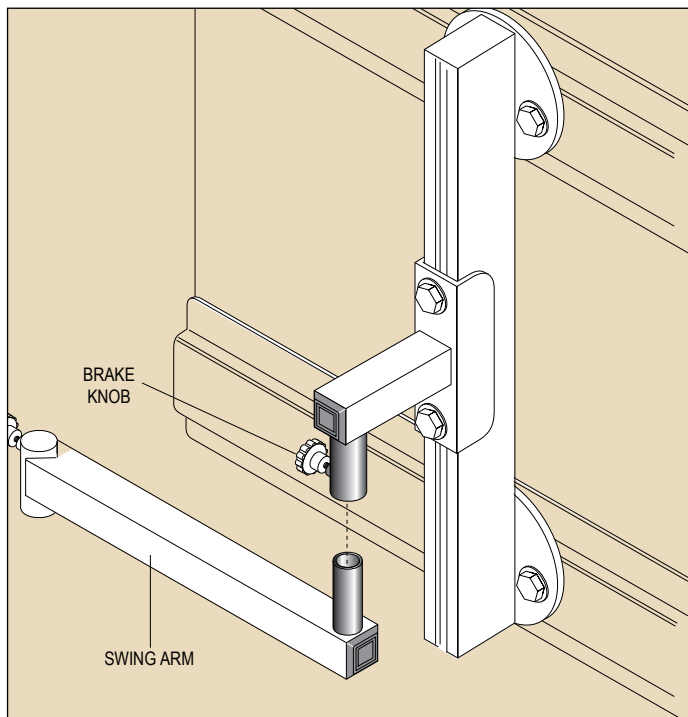
**KEY BOARD TRAY & SUPPORTS**

9" x 21" (229 x 533). 15° tilt angle.  
Mounts to **#W5CT-0017** Swivel Tray. Includes all  
mounting hardware.  
Also available: 12" x 6" tray with post  
for securing to arm. Swivels 360° and tilts  
up to 90°. Order model **#W5KY-0612**.

**W5MT-0028**

**MOUSE PAD TRAY**

9" d x 10.5" w (229 x 267). Mounts  
to **#W5KT-0018** Key Board Tray  
support brackets. Includes all  
mounting hardware.



**UNIVERSAL MOUNTING SYSTEM**

Attachments slide easily onto swing arm or base posts. No tools required. Knob locks attachment  
in place following adjustment.

### Kits—Include Base, Arms & Attachment

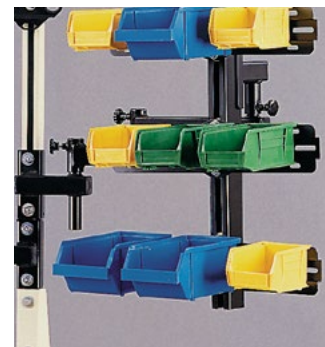
Easily fasten to vertical columns of Workstation. Each kit includes one 5" & one 10" arm  
plus mounting base and attachment shown. Rugged steel construction. All mounting  
hardware included.



Document Stand. 19" W x 17" H.  
90° tilt, from flat to vertical.



Combo Computer, Keyboard & Mouse Tray. CPU tray 15" x 15"; Keyboard  
tray 9" x 21", tilts 20°. Mouse tray 9" D x 10.5" W.



Adjustable, See-thru Rack for Hanging Shelf  
Bins. 24" H x 18" W. (Accommodates Akro-Mils  
Akrobins™, as well as Gould Duralux™ bin boxes)

DESCRIPTION	MODEL NUMBER
Document Stand	W5DS-SAK
Adjustable Bin Rack	W5BB-SAK
Combo Computer & Keyboard Tray	W5CK-SAK

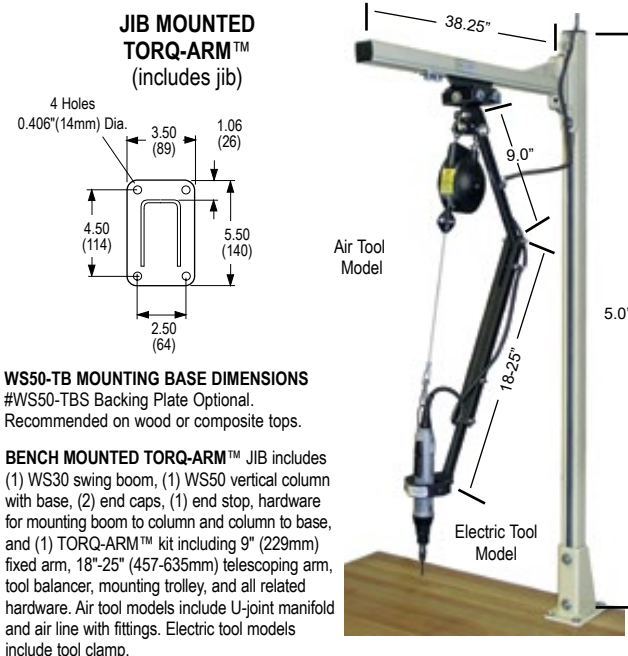
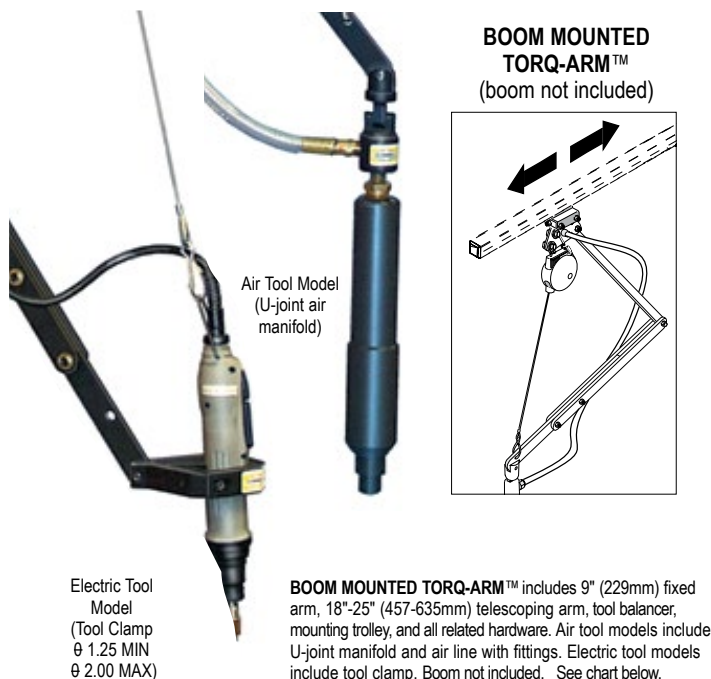




## TORQ-ARM FOR ASSEMBLY TOOLS

### Complete Workstation Kit or TORQ-ARM Only

Take a step towards OSHA Ergonomics standard compliance by fitting workstations with Torq-Arm™ Torque Neutralizing arms. Available for either air or electric tools. Light weight anodized aluminum arms support weight of tool and allow easy positioning while preventing transmission of rotational forces to worker's hands or wrists. Units include tool balancer, telescoping positioning arms and rolling trolley for mounting in lateral tool rail on workstation or on bench mounted jib with swing boom (jib included). Electric tool models feature secure tool clamp which may also be used for electric or air powered pistol grip tool. Air tool models feature a U-joint manifold which supplies air to tool and allows vertical and horizontal tool positioning. **JIB MOUNTED TORQ-ARM™ KIT** includes all parts necessary for assembling a complete, ergonomically correct TORQ-ARM™ on an existing bench. Maximum torque rating is 15 foot pounds (20N.m). All steel parts protected with durable baked polyester finish. Order model for correct type and weight tool. Tools not included.



#### TORQ-ARM™ ONLY-BOOM MOUNTED

Min. - Max. TOOL WEIGHT	TOOL TYPE	UNIT WEIGHT	MODEL NUMBER	
			WS30 BOOM	WS50 BOOM
0.5-1.5 lbs. (0.2-0.7 kg)	Air	5 lbs. (2.25 kg)	WS30-FA-1	WS50-FA-1
1.5-3.0 lbs. (0.7-1.4 kg)	Air	5 lbs. (2.25 kg)	WS30-FA-2	WS50-FA-2
3.0-5.0 lbs. (1.4-2.3 kg)	Air	5 lbs. (2.25 kg)	WS30-FA-5	WS50-FA-5
0.5-1.5 lbs. (0.2-0.7 kg)	Electric	5 lbs. (2.25 kg)	WS30-FE-1	WS50-FE-1
1.5-3.0 lbs. (0.7-1.4 kg)	Electric	5 lbs. (2.25 kg)	WS30-FE-2	WS50-FE-2
3.0-5.0 lbs. (1.4-2.3 kg)	Electric	5 lbs. (2.25 kg)	WS30-FE-5	WS50-FE-5

#### TORQ-ARM™ mounted on Jib with Swing Boom. Mounts to bench top. Jib included.

Min. - Max. TOOL WEIGHT	TOOL TYPE	UNIT WEIGHT	
0.5-1.5 lbs. (0.2-0.7 kg)	Air	20 lbs. (9 kg)	WS30-RA-1
1.0-2.50 lbs. (0.5-1.1 kg)	Air	20 lbs. (9 kg)	WS30-RA-2
2.0-5.0 lbs. (0.9-2.3 kg)	Air	20 lbs. (9 kg)	WS30-RA-5
0.5-1.5 lbs. (0.2-0.7 kg)	Electric	20 lbs. (9 kg)	WS30-RE-1
1.0-2.50 lbs. (0.5-1.1 kg)	Electric	20 lbs. (9 kg)	WS30-RE-2
2.0-5.0 lbs. (0.9-2.3 kg)	Electric	20 lbs. (9 kg)	WS30-RE-5

## RAIL MOUNTED TORQ-ARM™

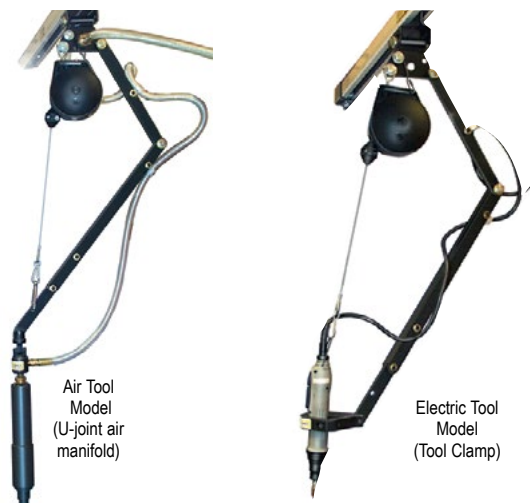
### Rail Not Included

Designed to be mounted on straight overhead tool rails. Specify **WS30** or **WS50** rail. See chart below. For optional swing lock, order #625288.

**OVERHEAD RAIL MOUNTED TORQ-ARM™** includes 9" (229mm) fixed arm, 18"-25" (457-635mm) telescoping arm, tool balancer, mounting trolley for WS30 or WS50 straight rail (check rail size before ordering), and all related hardware. Air tool models include U-joint manifold and air line with fittings. Electric tool models include tool clamp. Mounting rail and tool not included.

#### TORQ-ARM™ ONLY-RAIL MOUNTED

Min. - Max. TOOL WEIGHT	TOOL TYPE	UNIT WEIGHT	MODEL NUMBER	
			WS30 RAIL	WS50 RAIL
0.5-1.5 lbs. (0.2-0.7 kg)	Air	5 lbs. (2.25 kg)	WS30-TA-1	WS50-TA-1
1.5-3.0 lbs. (0.7-1.4 kg)	Air	5 lbs. (2.25 kg)	WS30-TA-2	WS50-TA-2
3.0-5.0 lbs. (1.4-2.3 kg)	Air	5 lbs. (2.25 kg)	WS30-TA-5	WS50-TA-5
0.5-1.5 lbs. (0.2-0.7 kg)	Electric	5 lbs. (2.25 kg)	WS30-TE-1	WS50-TE-1
1.5-3.0 lbs. (0.7-1.4 kg)	Electric	5 lbs. (2.25 kg)	WS30-TE-2	WS50-TE-2
3.0-5.0 lbs. (1.4-2.3 kg)	Electric	5 lbs. (2.25 kg)	WS30-TE-5	WS50-TE-5





# TOOL POSITIONERS

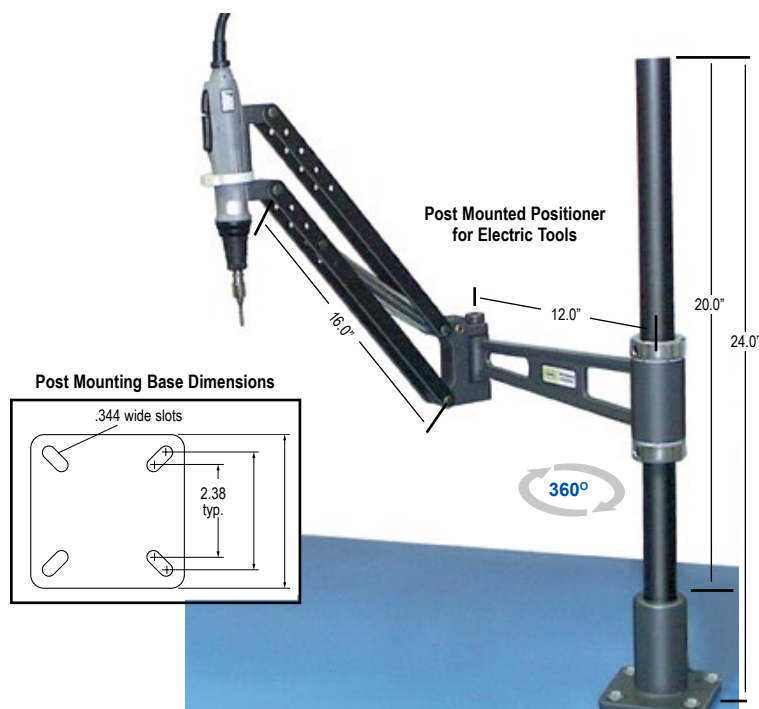
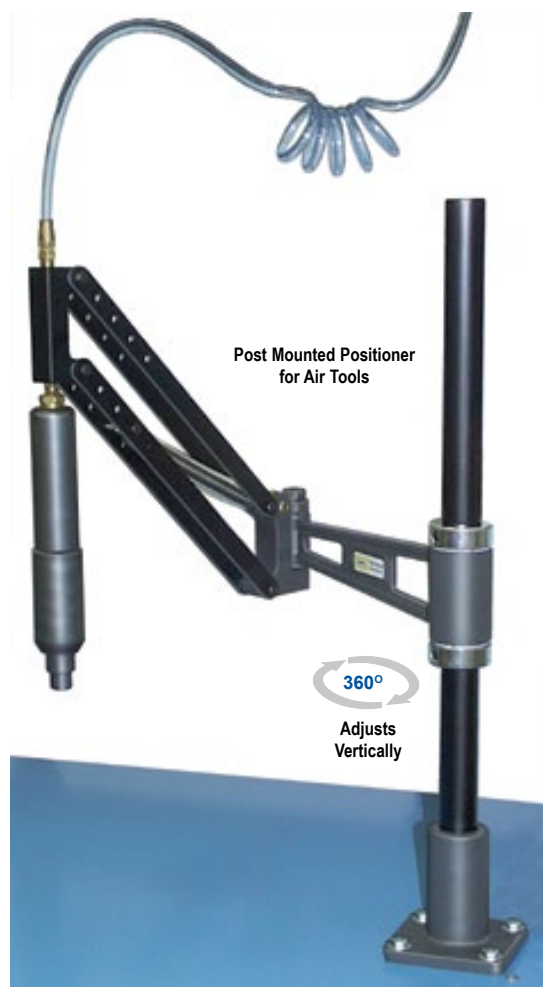
## Neutralize Torque, Eliminate Tool Lifting

Tool Positioners stop shock and torque transmission to wrists and arms, one of the major causes of musculo-skeletal disorders (MSDs). Dual parallel arms also keep tool in a vertical position as it is moved across work area, eliminating need to lift or twist tool. Spring tension is adjustable for tools from 1.0–7.0 pounds. Air tools (AM models) attach directly to bottom of air manifold. Electric tools (EC models) clamp to adapter plate. Choice of positioner mounting. Post models mount to top of work surface, positioner is adjustable on 26" post (included). Column mounted positioners include adjustable bracket for attaching to workstation upright. Maximum torque rating is 97 inch pounds (11N.m).

- Reduces transmission of shock and torque to worker's hand, wrist or arm
- Automatically positions tool perpendicular to work piece
- Adjustable tension supports air or electric powered tools from 1.0–7.0 lbs.
- Arm reach: 15" minimum – 31.5" maximum from base pivot point



Min. - Max. TOOL WEIGHT	TOOL TYPE	MOUNTING TYPE	UNIT WEIGHT	MODEL NUMBER
1.0 – 7.0 lbs. (0.45–3.15 kg)	Air	Post (post included)	5 lbs. (2.25 kg)	WSP-AM
1.0 – 7.0 lbs. (0.45–3.15 kg)	Air	Bracket (bracket included)	5 lbs. (2.25 kg)	WS50-AM
1.0 – 7.0 lbs. (0.45–3.15 kg)	Electric	Post (post included)	5 lbs. (2.25 kg)	WSP-EC
1.0 – 7.0 lbs. (0.45–3.15 kg)	Electric	Bracket (bracket included)	5 lbs. (2.25 kg)	WS50-EC





## 250 lb. CAPACITY RAIL For Those Heavy Duty Applications

### RAIL & HANGER KITS

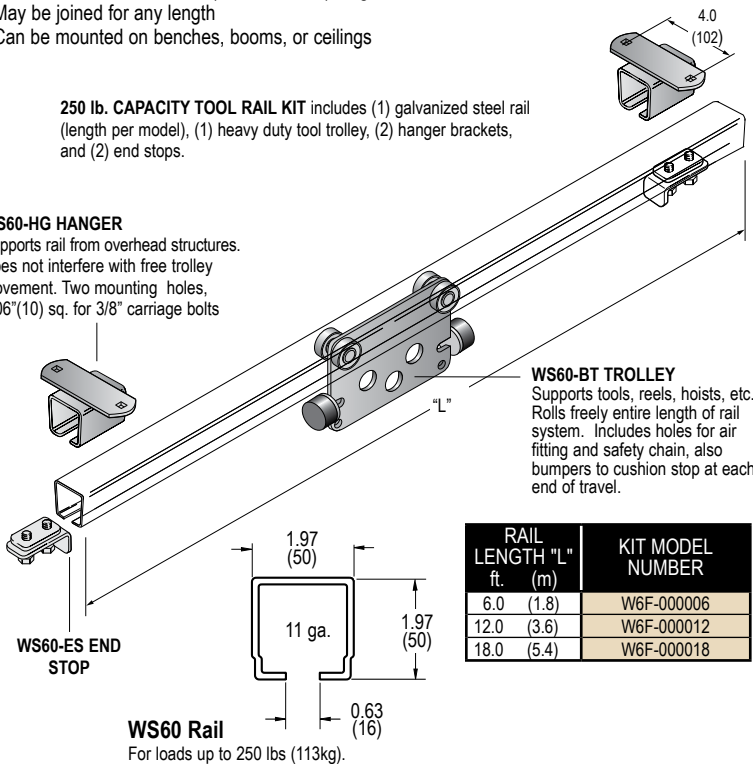
Designed for large air tool balancers, these tool rail kits are similar to our W3F and W5F tool support kits but much heavier. Must be supported every 6 ft. (1.8m) minimum to maintain full rated capacity.

- The basic tool rail is the key component on which all accessories hang
- Maximum 250 lb. (113kg) safe load rating
- Galvanized for maximum corrosion protection
- Available in 6, 12 and 18 ft. (1.8, 3.6, 5.4m) lengths
- May be joined for any length
- Can be mounted on benches, booms, or ceilings

**250 lb. CAPACITY TOOL RAIL KIT** includes (1) galvanized steel rail (length per model), (1) heavy duty tool trolley, (2) hanger brackets, and (2) end stops.

#### WS60-HG HANGER

Supports rail from overhead structures. Does not interfere with free trolley movement. Two mounting holes, .406"(10) sq. for 3/8" carriage bolts



RAIL LENGTH "L"	RAIL LENGTH "L"	KIT MODEL NUMBER
ft.	(m)	
6.0	(1.8)	W6F-000006
12.0	(3.6)	W6F-000012
18.0	(5.4)	W6F-000018

### Heavy-Duty Hanger

Use components at right to hang Tool Rail from overhead supports

Hanging a tool rail from an overhead structure may be the best way to put a workstation where it's needed. 250 lb. capacity hangers, for use with WS60 steel track, are available as individual components on, not as kits. Thru bolts both top and bottom (see photo) act as a safety net. Thru bolts included with the mounting bases. Tool track must be supported every six feet to preserve 250 lb. capacity rating. Vertical C-60 supports must be field-cut to length to support rail at desired height.

DESCRIPTION	MODEL NUMBER
Mounting Base for C-60 Track	WS60-MB
C-60 Hanger Coupler	WS60-HC
Hardware Kit*	WS60-HW

\*Hardware Kit includes (4) 1/2 x 1 1/2 bolts, nuts, lock washers and flat washers required to attach hanger coupler to mounting base.

**THRU BOLTS FOR SAFETY**  
(included with base)

**VERTICAL C-60 TRACK**  
Length to suit.

**WS60-MB MOUNTING BASE**

#### WS60-HC HANGER COUPLER

Supports and joins lengths of C-60 track. Hanger may be rotated 90°.

**HORIZONTAL C-60 TRACK**  
Length to suit.

**WS60-EHT02 FESTOON TROLLEY** (shown)

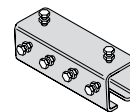
**WS60-BT TOOL TROLLEY** may also be used.

### COMPONENTS

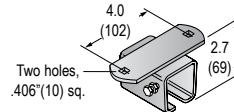
#### WS60 TRACK Galvanized

USE: Horizontal supports, rail for lateral movement of tools, controls, hoists, etc; up to 250 lbs. (113 kg) maximum total load.

RAIL LENGTH	RAIL LENGTH	MODEL NUMBER
ft.	(m)	
6.0	(1.8)	WS60-G06
12.0	(3.6)	WS60-G12
18.0	(5.4)	WS60-G18



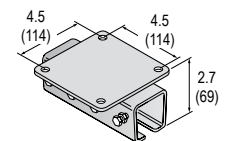
**WS60-CP RAIL COUPLER**  
Zinc plated steel. USE: Joins track sections.



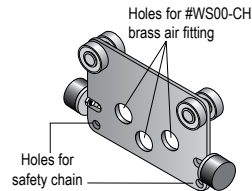
**WS60-HG HANGER**  
Zinc plated steel. USE: Hangs/supports WS60 track from overhead beams, joists, or other structures.



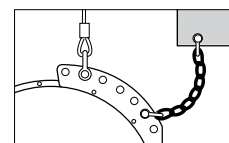
**WS60-ES END STOP**  
Zinc plated steel. USE: Installs in rail to stop trolley



**WS60-HC HANGER/COUPLER**  
Zinc plated steel. USE: Joins track sections.



**WS60-BT ROLLING TROLLEY**  
Black polyester finish. USE: Supports tools, balance reels, torque reels, push button control stations.



**Strongly recommended**

#### SAFETY CHAIN

Steel link chain prevents balancer or tool rail from accidental fall. Includes clevis both ends.

#### CABLE/HOSE SIZE TABLE

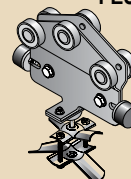
0.31"-0.59" o.d.....01
0.60"-0.94" o.d.....02
0.95"-1.25" o.d.....03



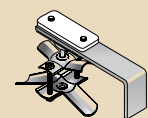
#### WS-UB6 U-BOLT ASSEMBLY

Zinc plated steel  
USE: Secures WS60-MB mounting base or other flat plates to 3" dia. vertical column

### FESTOON COMPONENTS



**WS60-EHT01 (02, 03) FESTOON TROLLEY**  
Black polyester finish. USE: Supports cable or hose in festoon system.



**WS60-EC01 (02, 03) END CLIP**  
Black polyester finish. USE: Secures cable or hose and acts as end stop in festoon system



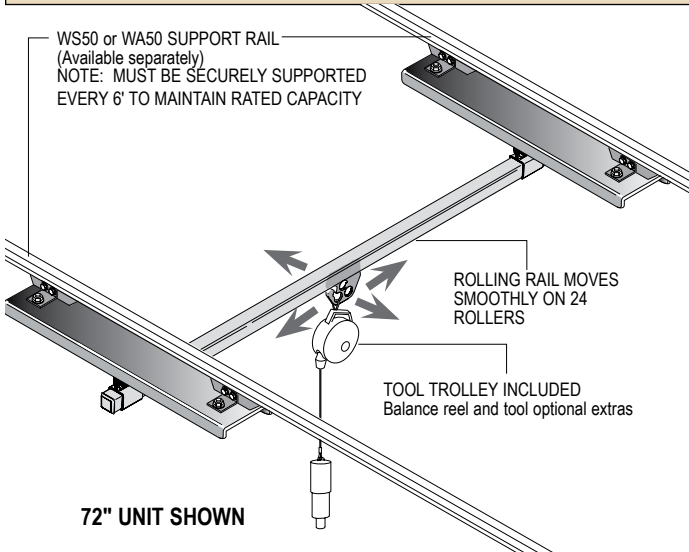


# HEAVY DUTY TOOL CRANES

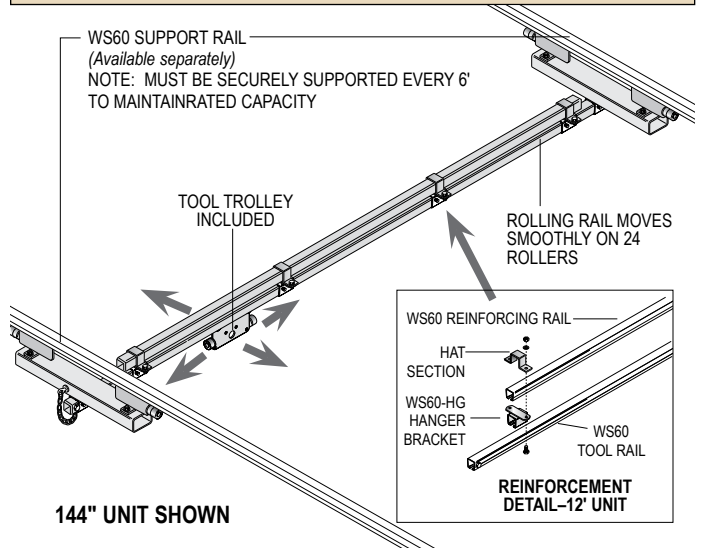
## 50 lb. or 250 lb. Capacity

Rugged bridge crane design concept allows overhead tool handling with maximum safety and minimum cost. Uses proven components rolling in standard WS-50 or WS-60 (steel) or WA-50 (aluminum) rails. 250 lb. capacity unit features doubled tool rail for maximum strength on spans over 6'. To speed installation, trolleys, hangers and tool track bridge are pre-assembled into single units, as is tool rail. Balance reel and tool not included.

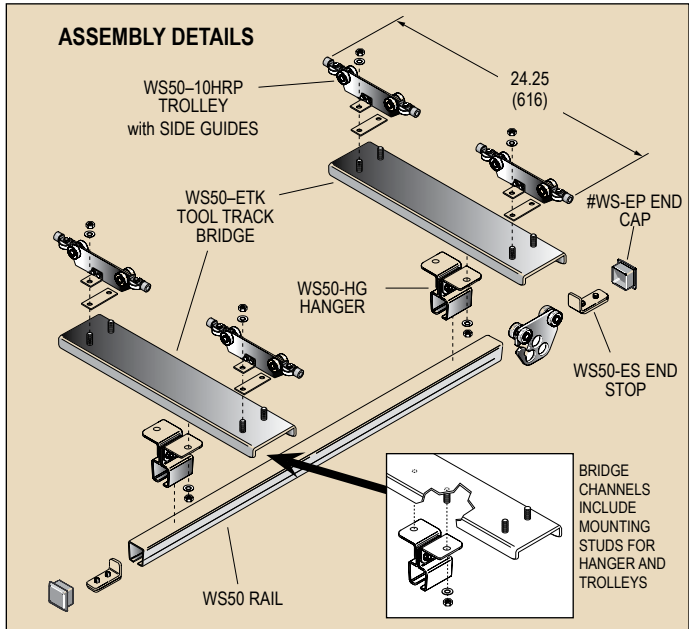
### 50 lb. (22.5 kg) CAPACITY



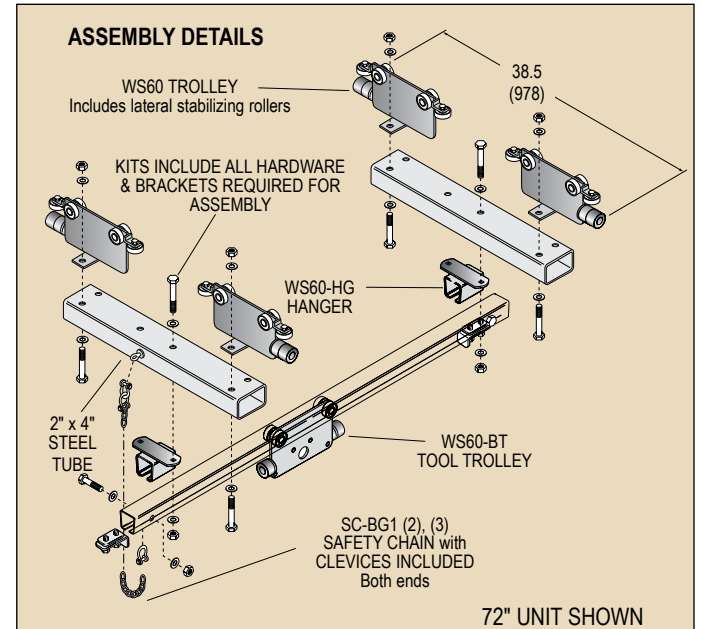
### 250 lb. (112.5 kg) CAPACITY



#### ASSEMBLY DETAILS



#### ASSEMBLY DETAILS



Heavy Duty Rolling Rail mounts in two parallel rails, which must be supported every 6' (1.8m) to maintain rated capacity. Recommended distance between support rails is length of tool rail less 12" (305mm). **MAXIMUM RATED CAPACITY OF ROLLING RAIL** includes tool, balancer, and attachments.

50 lb. Capacity Rolling Tool Rail includes (4) **WS50-10HRP** plain trolleys, (2) **WS50-ETK** tool track bridges, (2) **WS50-HG** hanger brackets, (1) **WS50-BTL** tool trolley, (2) **WS-EP** end caps, (2) **WS50-ES** end stops, (1) **WS50** tool rail (length per model) and all assembly hardware.

250 lb. Capacity Rolling Tool Rail includes (4) **WS60-F** trolleys, (2) 2" x 4" steel tool track bridges, (2) **WS60-HG** hanger brackets, (1) **WS60-BT** tool trolley, (2) **WS60-ES** end stops, (1) **WS60** tool rail (length per model), (1) **WS60** reinforcing rail (144" unit only), (2) safety chains, assembly brackets and hardware.

#### MODEL CHART

DESCRIPTION	TOOL RAIL in. (mm)	CAPACITY lbs. (kg)	MODEL NUMBER
4 Ft. Overhead Tool Crane	48" (1219)	50 lbs. (22.7 kg)	WS50-ET04
5 Ft. Overhead Tool Crane	60" (1524)	50 lbs. (22.7 kg)	WS50-ET05
6 Ft. Overhead Tool Crane	72" (1829)	50 lbs. (22.7 kg)	WS50-ET06
9 Ft. Overhead Tool Crane	108" (2743)	50 lbs. (22.7 kg)	WS50-ET09
12 Ft. Overhead Tool Crane	144" (3658)	50 lbs. (22.7 kg)	WS50-ET12
6 Ft. Overhead Tool Crane	72" (1829)	250 lbs. (113.6 kg)	WS60-ET06
12 Ft. Overhead Tool Crane	144" (3658)	250 lbs. (113.6 kg)	WS60-ET12

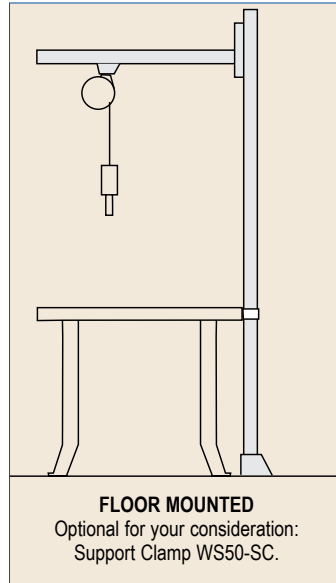
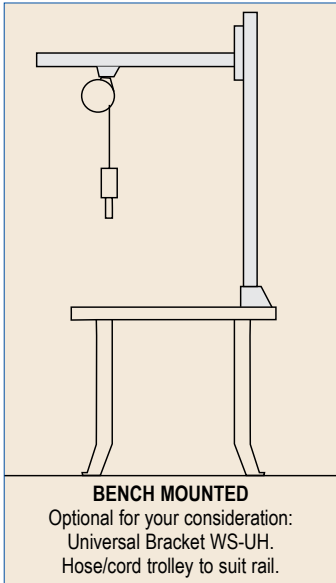
NOTE: For best results, tool rail width should not exceed six times the trolley wheelbase.  
Example: 24"(2 ft.) x 6 = 12 ft.



# JIB KITS

## Bench or Floor Mounted, 30 lb. Capacity

Jib kits feature either fixed or swing booms mounted on vertical columns and are painted polyester beige. The boom may be adjusted vertically higher or lower on the column to suit your specific application. Vertical columns are typically 4 ft. (1.2m) for bench mounting and 7 ft. (2.1m) for mounting on the floor. If floor mounted, the optional support clamp (WS50-SC) fastened to wall or back of bench is recommended.



**JIB KITS** with **W3F** or **W3S** prefix include (1) 3' **WS30** boom, (1) **WS50** vertical column, (1) mounting base, (2) end caps, (1) end stop, (1) balancer trolley (1" hole diameters), and all hardware. Fixed booms are mounted to the vertical columns with angle brackets, also included.

**ALL KITS** include hardware needed for assembly. Fasteners for mounting base to bench top or floor not included.

Sizes and configurations other than those shown may be made-up by ordering individual components. Refer to other pages in this catalog.

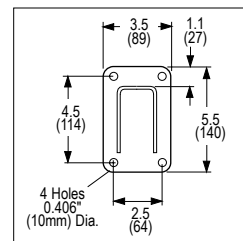
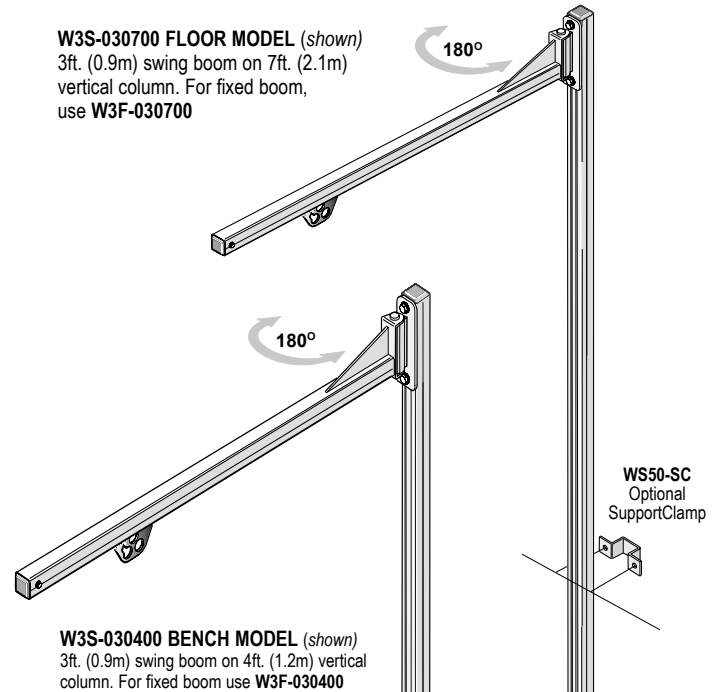


These Jibs use WS30 Rail rated for loads up to 30 lbs.(13.5 kg)

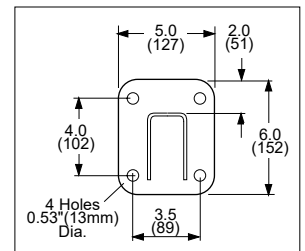
BOOM LENGTH ft. (m)	BOOM TYPE	VERTICAL COLUMN ft. (m)	MODEL NUMBER
3.0 (0.9)	Swing	4.0 (1.2)	W3S-030400
3.0 (0.9)	Fixed	4.0 (1.2)	W3F-030400
3.0 (0.9)	Swing	7.0 (2.1)	W3S-030700
3.0 (0.9)	Fixed	7.0 (2.1)	W3F-030700

### W3S-030400 BENCH MODEL

Shown with optional WS-UH Universal Bracket.  
More accessories available.



**WS50-TB**  
**MOUNTING BASE INCLUDED**  
Use Optional WS50-TBS  
Backing Plate



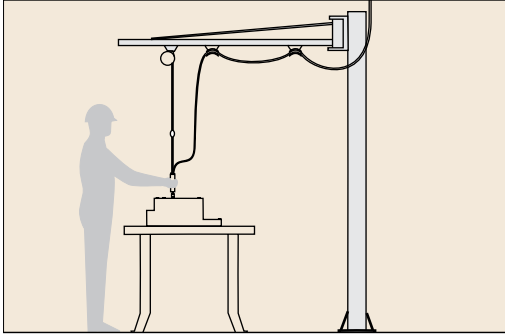
**WS50-MB**  
**MOUNTING BASE INCLUDED**  
Use Optional WS50-MBS  
Backing Plate



## JIB KITS

### Floor Mounted, 50 lb. Capacity, 6' - 18' Booms

Jib Kits feature heavy duty I-beam booms or C-rail booms. 50 lb. capacity kits are painted beige polyester and are available with either fixed or swing (180°) booms up to 18' long. Columns available to 12' high. Booms may be mounted higher or lower on the column to suit your specific application. Booms are WS50 rail for loads up to 50 lbs. (22.5kg). Vertical columns include pre-drilled, gusseted mounting bases. The Vertical columns are 3" O.D. x 2.5" I.D. (76mm x 64mm) welded steel tubing. Vertical column for 18' boom is 6" square steel tube with 3" dia. x 2" mounting shaft at top. Vertical columns for 50 lb. capacity jibs also available separately, see model chart.



JIB KITS include (1) boom, (1) vertical column with integral mounting base (1) balancer trolley, (1) Hose/Cable Trolley, (1) End Clip, and all assembly hardware.

KIT NUMBERS assume festoon trolleys for typical 3/8" (9mm) I.D. hose with saddle to handle O.D. range of 0.60"-0.94" (15-24mm). If optional saddle with range of 0.31"- 0.59" (8-15mm) is desired, substitute "1" for "2" as last digit of model number. Example: W5S-060301

#### MODEL CHART—HEAVY DUTY JIBS

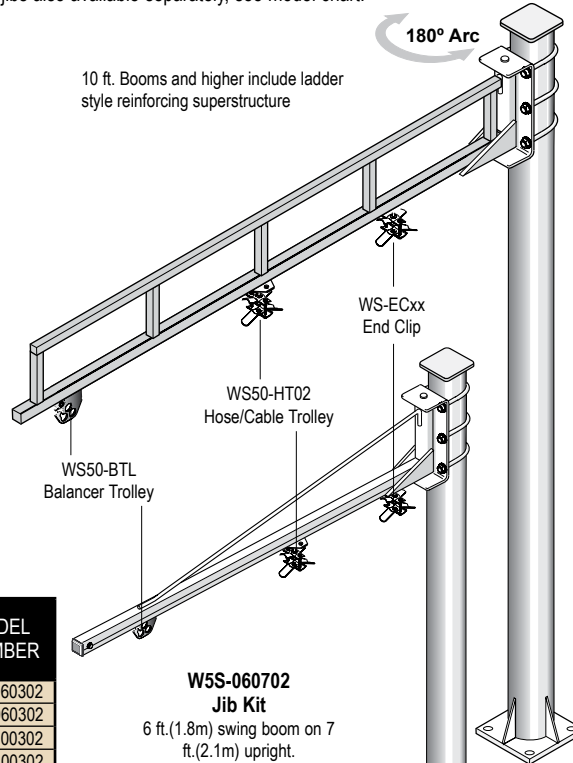
BOOM LENGTH ft. (m)	BOOM TYPE	VERTICAL COLUMN ft. (m)	TYPE	BASE TYPE	WGT lbs.	MODEL NUMBER
6.0 (1.8)	Fixed	3.0 (0.9)	Round	W5	53	W5F-060302
6.0 (1.8)	Swing	3.0 (0.9)	Round	W5	53	W5S-060302
10.0 (3.0)	Fixed	3.0 (0.9)	Round	W5	81	W5F-100302
10.0 (3.0)	Swing	3.0 (0.9)	Round	W5	81	W5S-100302
6.0 (1.8)	Fixed	7.0 (2.1)	Round	W5	83	W5F-060702
6.0 (1.8)	Swing	7.0 (2.1)	Round	W5	83	W5S-060702
10.0 (3.0)	Fixed	7.0 (2.1)	Round	W5	111	W5F-100702
10.0 (3.0)	Swing	7.0 (2.1)	Round	W5	111	W5S-100702
6.0 (1.8)	Swing	8.0 (2.4)	Round	W5	90	W5S-060802
6.0 (1.8)	Fixed	9.0 (2.7)	Round	W5	98	W5F-060902
6.0 (1.8)	Swing	9.0 (2.7)	Round	W5	98	W5S-060902
10.0 (3.0)	Fixed	9.0 (2.7)	Round	W5	126	W5F-100902
10.0 (3.0)	Swing	9.0 (2.7)	Round	W5	126	W5S-100902
12.0 (3.6)	Swing	9.0 (2.7)	Round	W5	138	W5S-120902
18.0 (5.4)	Swing	12.0 (3.6)	**Square	W5S	373	W5S-181202

#### STOPS TO LIMIT BOOM SWING

Manual Boom Stop - Model W5S-SK. Spring Loaded Boom Stop - W5S-BMLK - 20" Release Rod & W5S-BMLK54 - 54" Release Rod. Both W5S-BMLKs include spring loaded lock, brackets and all hardware. All field installed only.



Many people want the flexibility a swing boom provides but need to limit swing in one or both directions. Two boom stops are available. One (below) has manually positioned (screw-in) stops that limit swing to 15°, 30°, 45°, or 60° in either direction. The other (left) has a spring loaded stop that, when pulled, allows the boom to swing freely throughout its normal 180° arc and, when released, lock it at the straight position or every 15° in either direction. Stops are easily installed on 50 lb. capacity swing booms without drilling or welding.



#### W5S-060702

##### Jib Kit

6 ft.(1.8m) swing boom on 7 ft.(2.1m) upright.

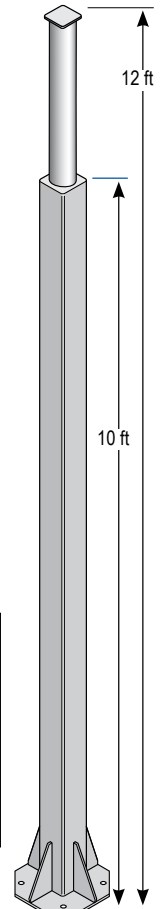
#### MODEL CHART VERTICAL COLUMNS Round

COLUMN LENGTH ft. (m)	MODEL NUMBER
3.0 (0.9)	WS00-VC03
5.0 (1.5)	WS00-VC05
6.0 (1.8)	WS00-VC06
7.0 (2.1)	WS00-VC07
8.0 (2.4)	WS00-VC08
9.0 (2.7)	WS00-VC09
10.0 (3.0)	WS00-VC10
11.0 (3.3)	WS00-VC11
12.0 (3.6)	WS00-VC12

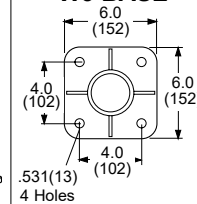


6' Boom Length Application - Shown with optional Hubbell Balancers over machining work area.

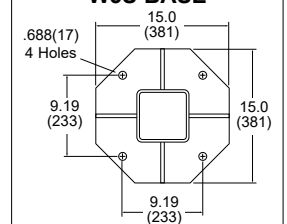
**COLUMN ONLY**  
See Round and Square  
Model Charts  
WS00-VCS12 Shown



#### W5 BASE



#### W5S BASE



#### MODEL CHART VERTICAL COLUMNS Square

COLUMN LENGTH ft. (m)	MODEL NUMBER
12.0 (3.6)	WS00-VCS12

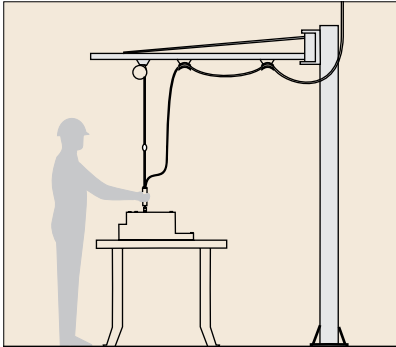
\*\*May be used with any 50 lb. capacity boom.



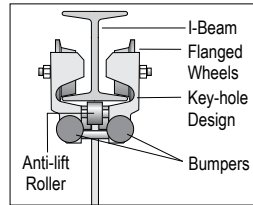


## JIB KITS

### Floor Mounted, 150 lb. - 300 lb. Capacity, 6' - 10' Booms

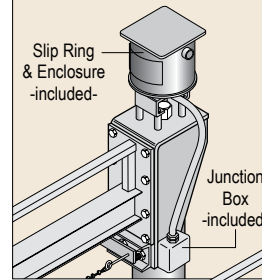


150 lb. & 300 lb. Jib Kits are painted yellow polyester.



Tool Trolley - Front View  
W6S-BT

W6S-101002-430 300 lb. Jib with  
Four Circuit Slip Ring



W6S-101002  
300 lb. Capacity Jib Kit with  
Swivel Air Fitting

JIB KITS include (1) boom, (1) vertical column with integral mounting base, (1) balancer trolley, (2) festoon trolleys, (1) end clip, and all assembly hardware.

#### STOPS TO LIMIT BOOM SWING

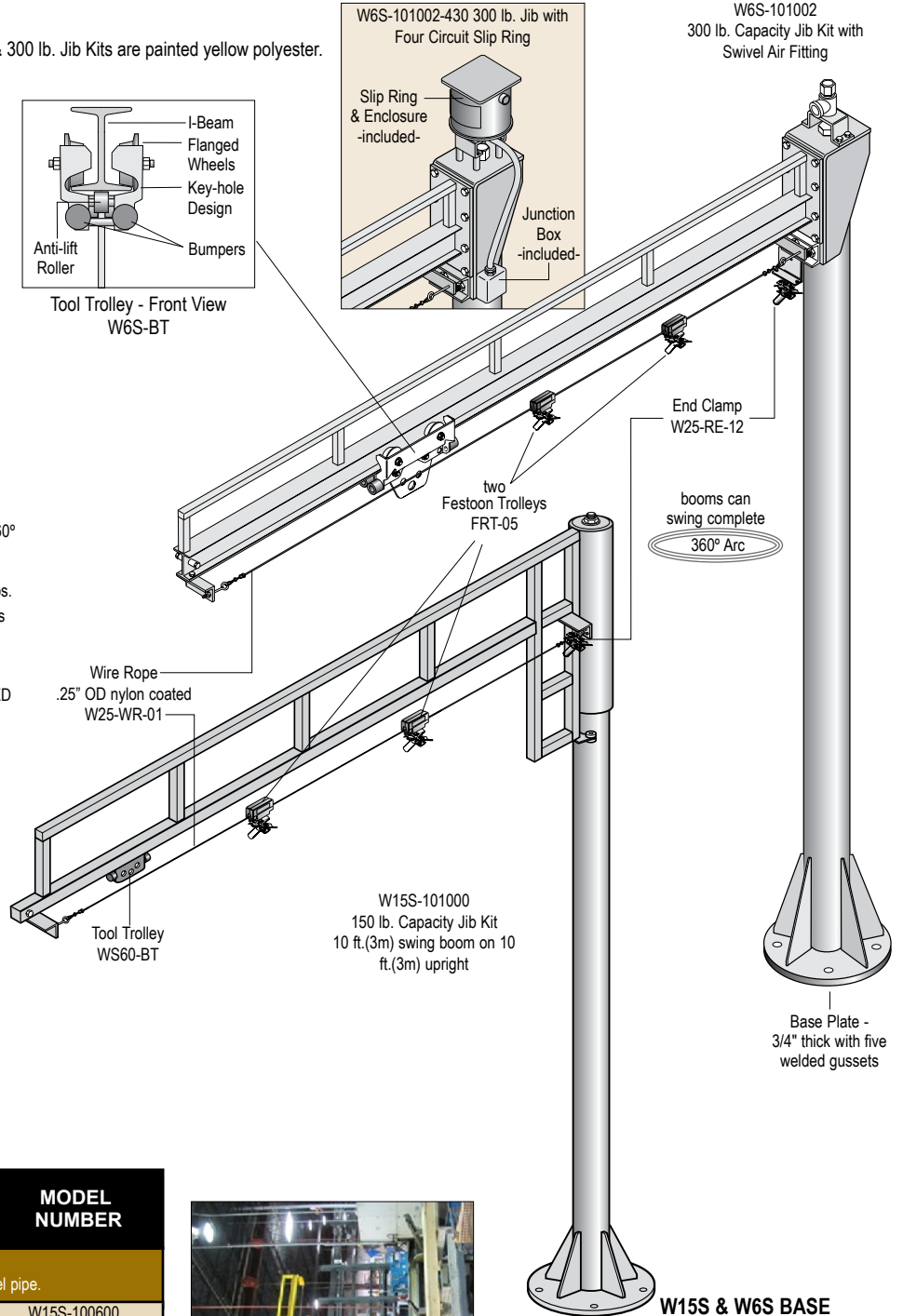
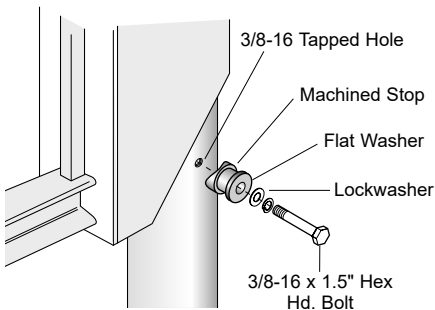
Boom Stops – 150 lb. & 300 lb. Jibs - Model W6S-SK

Consists of two machined steel stops (one for each direction and all required hardware. All field installed only.



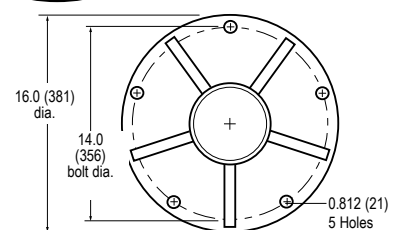
When less than a full 360° swivel is desired on the 300 lb. capacity jib, add the Model W6S-SK stops.

**Swing Stop Kit** consists of two machined steel stops (one for each direction) & all required hardware. Stops are RED for visibility.



Rotating 300 lb. Jib shown at end of  
multiple machine lines.

#### W15S & W6S BASE



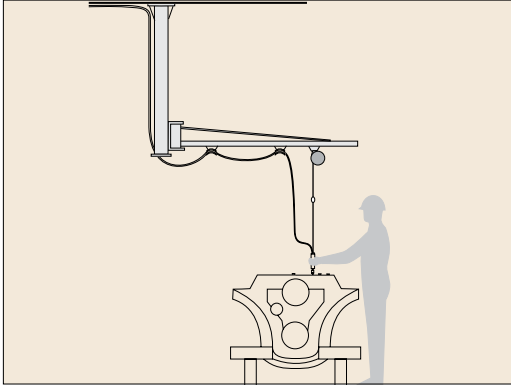
BOOM LENGTH ft. (m)	BOOM TYPE	VERTICAL COLUMN ft. (m)	SHIPPING WEIGHT lbs.	MODEL NUMBER
150 lbs. (67.5kg) capacity Jib. Boom is WS60 rail. Column is 4" schedule 40 steel pipe.				
6.0 (1.8)	360° Swing	10.0 (3.0)	520	W15S-100600
8.0 (2.4)	360° Swing	10.0 (3.0)	535	W15S-100800
10.0 (3.0)	360° Swing	10.0 (3.0)	550	W15S-101000
* Full Rotation Stops			5	W6S-SK
300 lbs. (135kg) capacity Jib. Boom is 3" I-beam. Vertical column is 6" schedule 40 steel pipe.				
10.0 (3.0)	Pneumatic	10.0 (3.0)	640	W6S-101002
10.0 (3.0)	Electric	10.0 (3.0)	668	W6S-101002-430
I-Beam Trolley only - Fits 3"(76) I-beam			18	W6S-BT
* Full Rotation Stops			5	W6S-SK



## JIB KITS

### Ceiling Mounted, 50 lb. Capacity Jib Kits

Hanging a jib from an overhead structure may be the best way to put a workstation where it's needed. These kits free floor space and allow for greater plant layout flexibility. Jibs have steel WS50 booms in length shown. Vertical columns include a heavy duty 3ft. (0.9m) safety chain at the top and safety plate at the bottom to prevent boom from sliding off. The columns are 3" O.D. x 2.5" I.D. (76 x 64mm) welded steel tubing.



#### CEILING MOUNTED JIB KIT

Includes 6 ft.(1.8m) swing boom, vertical column with integral safety chain and safety plate, 3 U-bolts, 1 balancer trolley, 1 hose/cable trolley for festoon, 1 end stop and 1 end cap.

#### CEILING MOUNTED COLUMNS

Do not include booms but do include safety plate and integral safety chain.

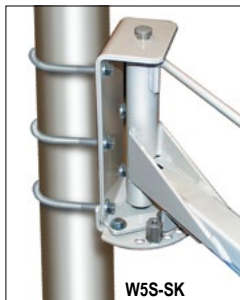
#### BOOM AND TROLLEY DETAILS

Sizes and configurations other than those shown may be made-up by ordering individual components

Kit numbers listed assume typical 3/8" (9mm) I.D. hose with saddle to handle O.D. range of 0.60"-0.94" (15-24mm). If optional saddle with O.D. range of 0.31"-0.59" (08-15mm) is desired, substitute "1" for "2" as last digit of model number. Example: WCS-060301.

#### WS50 Rail Booms for loads up to 50 lbs. (22.5kg)

BOOM LENGTH ft. (m)	BOOM TYPE	VERTICAL COLUMN ft. (m)	MODEL NUMBER w/ BOOM	MODEL NUMBER w/o BOOM
6.0 (1.8)	Swing	3.0 (0.9)	WCS-060302	WS00-CC03
6.0 (1.8)	Swing	5.0 (1.5)	WCS-060502	WS00-CC05
6.0 (1.8)	Swing	6.0 (1.8)	WCS-060602	WS00-CC06
6.0 (1.8)	Swing	7.0 (2.1)	WCS-060702	WS00-CC07
6.0 (1.8)	Swing	8.0 (2.4)	WCS-060802	WS00-CC08
6.0 (1.8)	Swing	9.0 (2.7)	WCS-060902	WS00-CC09



#### W5S-SK Manual Boom Stop

Many people want the flexibility a swing boom provides but need to limit swing in one or both directions. The boom stop (below) has manually positioned (screw-in) stops that limit swing to 15°, 30°, 45°, or 60° in either direction. Stops are easily installed on 50 lb. capacity swing booms without drilling or welding.

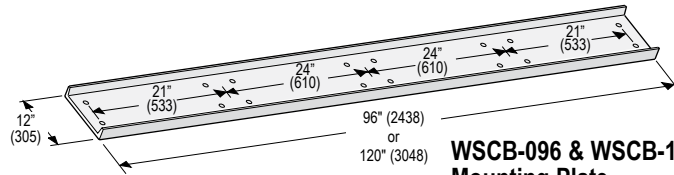


#### HWS-FMK1 Kits for Mounting Fans to Ceiling Columns

Kit includes two U-Bolts and 13.50" w x 5.25" h Mounting Plate. End-user drills holes for fans. Column and fans are not included.

#### WS-UB U-Bolt Assembly

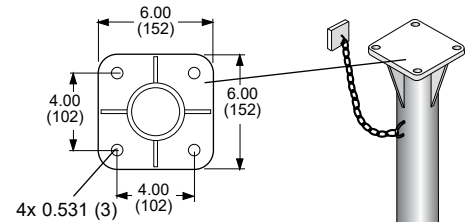
Zinc plated steel  
USE: Secures boom bracket or other flat plates to vertical column.  
NOTE: Three required to mount boom.



#### WSCB-096 & WSCB-120 Mounting Plate

Optional. Attaches to ceiling cross members for mounting jib to ceiling structures. Pre-drilled in three places to match jib base.

MOUNTING PLATE 12" x 96" (304 x 2438)	WSCB-096
MOUNTING PLATE 12" x 120" (304 x 3048)	WSCB-120



#### WCS-060902

6 ft.(1.8m) swing boom on 9 ft.(2.7m) column.  
Other models available with 3 ft to 8 ft. (0.9-2.4m) column. See chart.

SAFETY PLATE

#### Ceiling Mounted Columns

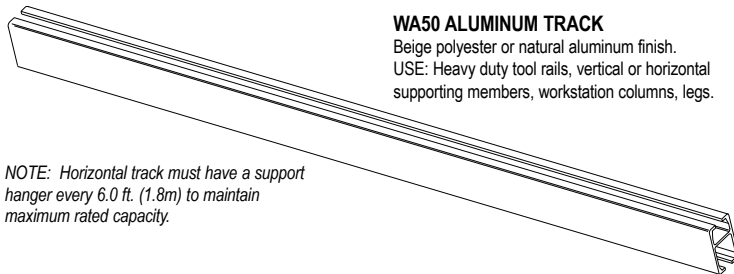
Rugged 3.0" O.D. x 2.5" I.D. (76 x 64mm) welded steel tube. Beige polyester finish. Includes integral mounting base and 3' (0.9m) safety chain. Plate at bottom prevents equipment mounted on column from sliding off. Mounting hardware not included. See chart to left for model numbers.

USE: Supports tool rail booms or horizontal support members. Gets booms and tools up and out of the way, freeing floor space.



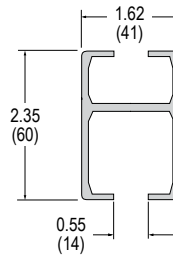
# ALUMINUM TRACK COMPONENTS

Add to or Build Your Own Design / For loads up to 50 lbs. (22.5 kg)



## WA50 ALUMINUM TRACK

Beige polyester or natural aluminum finish.  
USE: Heavy duty tool rails, vertical or horizontal supporting members, workstation columns, legs.

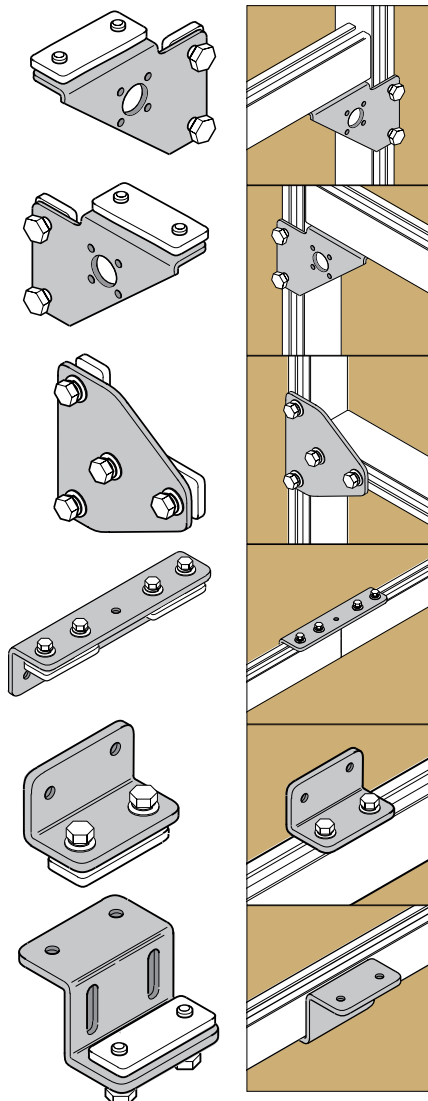


NOTE: Horizontal track must have a support hanger every 6.0 ft. (1.8m) to maintain maximum rated capacity.

RAIL LENGTH ft. in. (m)	BEIGE MODEL NO.	NATURAL MODEL NO.
2' 5" (0.8)	WA50-T029	WA50-N029
3' 0" (0.9)	WA50-T036	WA50-N036
4' 0" (1.2)	WA50-T048	WA50-N048
5' 0" (1.5)	WA50-T060	WA50-N060
6' 0" (1.8)	WA50-T072	WA50-N072
7' 0" (2.1)	WA50-T084	WA50-N084
20' 0" (6.1)	N/A	WA50-N240
45° Angle Brace 1' 5" (0.4)	WA50-TB17	WA50-NB17

Consult factory for lengths not shown above.

Extruded aluminum rail features double tracks (top and bottom), one for trolleys and the other for mounting components or concealing hose or cable. Inside dimensions of the larger track is same as WS50 steel rail and fits standard WS50 trolleys, brackets, stops, etc. (following page). In addition, there is a full assortment of construction brackets, below, designed specifically for aluminum rail. All mounting hardware included with brackets. Brackets have black polyester finish with zinc plated steel hardware.



## WA-FBR FRAMING BRACKET RIGHT HAND

USE: Attach rail perpendicular to rail. Mount electrical boxes or hose connectors.

## WA-FBL FRAMING BRACKET LEFT HAND

USE: Attach rail perpendicular to rail. Mount electrical boxes or hose connectors.

## WA-TP T-PLATE

USE: Use inside or outside. Install vertically or horizontally.

## WA-SA SPLICE ANGLE

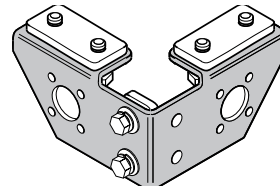
USE: Designed to allow precise joining for unrestricted trolley movement.

## WA-AMB ANGLE MOUNTING BRACKET

USE: Hang rail to wall or other vertical support. Also attach sound boards, plywood to structures.

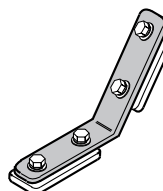
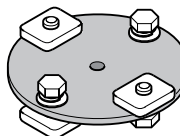
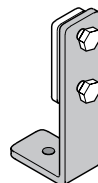
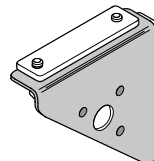
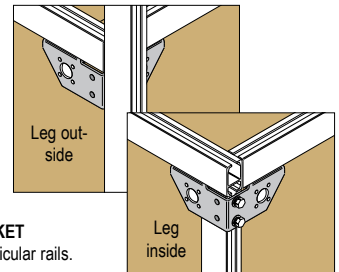
## WA-TMB TOP MOUNTING BRACKET

USE: Attach top to bench.



## WA-CB CORNER BRACKET

USE: Join three perpendicular rails.



## WS-AB ANGLE BRACKET

USE: Join rails at right angles.

## WA-LF LEVELER FOOT

USE: Forms smooth foot. Adjust to level structure.

## WA-HD HANGER DISK

USE: Join crossing rails at right angles. Hang rails from other supports.

## WA-AB ANGLE BRACE BRACKET (45°)

WA50-TB17

or

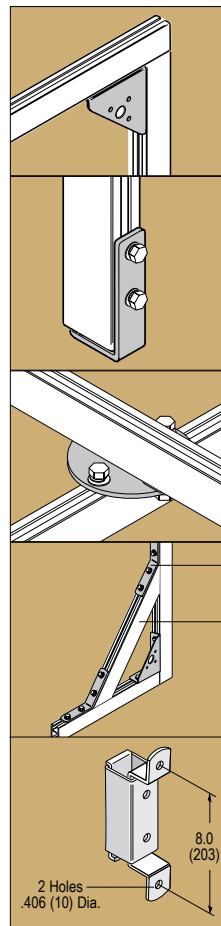
WA50-NB17

17" ALuminum Angle Brace  
Cut 45° On Both Ends  
(see chart above).

## WA50-MP UNIVERSAL BASE

Zinc plated steel

USE: Weld or bolt to new or existing benches or conveyors. Provides pocket for mounting WA50 column. Cannot be used with WS50 rail.







## STEEL TRACK, 30 lb. For loads up to 30 lbs. (13.5 kg)

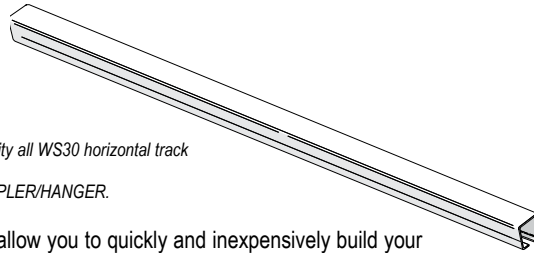
### WS30 TRACK

Beige polyester finish.

USE: Standard duty tool rail and horizontal supports up to 30 pounds maximum load.

NOTE: In order to maintain maximum rated capacity all WS30 horizontal track must have a support hanger every 6.0 ft. (1.8m). Multiple spans of rail must be joined using a COUPLER/HANGER.

Separate TOOL RAIL COMPONENTS allow you to quickly and inexpensively build your own work stations, retrofit existing stations or customize a kit. Finished as shown, all parts are the same high quality included with kits and guaranteed to be interchangeable. Components shown are designed for use with WS30 rail. Starred (\*) items may also be used with WS50 or extruded aluminum rails. Mounting hardware, where required, is included.



RAIL LENGTH	MODEL
ft. (m)	NUMBER
3.0 (0.9)	WS30-T03
4.0 (1.2)	WS30-T04
5.0 (1.5)	WS30-T05
6.0 (1.8)	WS30-T06
7.0 (2.1)	WS30-T07
8.0 (2.4)	WS30-T08
9.0 (2.7)	WS30-T09

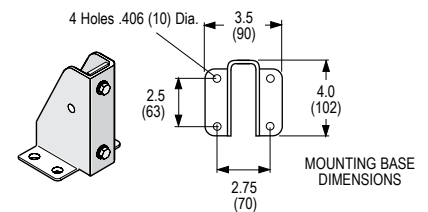
Consult factory for lengths not shown above.

### WS30-TB BENCH MOUNT

Black polyester finish.  
USE: Mounting WS30 rail vertically to bench top.

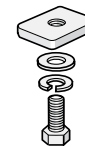
### WS30-TBS

Backing Plate Optional  
(Use beneath mounting surface.)



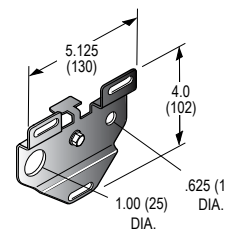
### WS30-TN\* TRACK NUT

Zinc plated steel.  
USE: Attaches fixed components to rail.



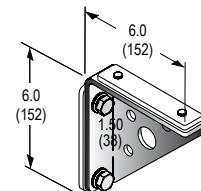
### WS-UH\*

UNIVERSAL BRACKET  
Black polyester finish.  
USE: Supports hose or cable, peg board, etc.



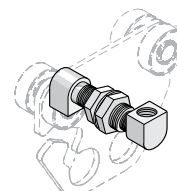
### WS-AB\*

ANGLE BRACKET  
Black polyester finish.  
USE: Mounts horizontal tool rail to vertical column.



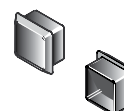
### WS00-CH\* 90° CONNECTOR

Brass. For 3/8" (9mm) hose.  
USE: Attach hose to balancer trolley or various brackets.



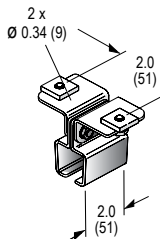
### WS30-EP END CAP

Black molded vinyl.  
USE: Caps off ends of rail for a finished look.



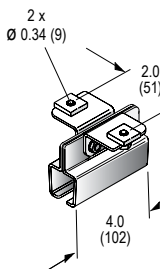
### WS30-HG HANGER

Black polyester finish.  
USE: Hang/support single spans of WS30 rail from WS50, WA50 Extruded Aluminum rail or other suitable support.



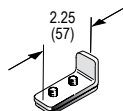
### WS30-CH COUPLER/HANGER

Black polyester finish.  
USE: Connects and hangs multiple spans of WS30 rail from WS50, WA50 Extruded Aluminum rail or other suitable supports



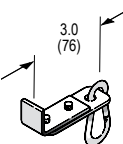
### WS30-ES END STOP

Zinc plated steel.  
USE: Keeps trolley movement within preselected limits.



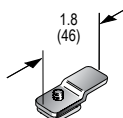
### WS30-ESH END STOP HOOK

Zinc plated steel.  
USE: Supports tool balancer. Also acts as end stop.



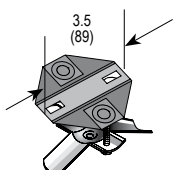
### WS-HC\* HOLDOWN CLIP

Black polyester finish.  
USE: Affixes conveyors and other machines to top of rail.



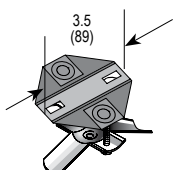
### WS-EC01\* END CLAMP ASSY

Black polyester finish.  
USE: Supports hose/cable and prevents trolley overtravel.



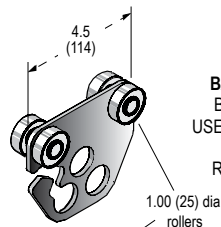
### WS-EC02\* END CLAMP ASSY

Black polyester finish.  
USE: Supports hose/cable and prevents trolley overtravel.



### WS30-BTL BALANCER TROLLEY

Black polyester finish.  
USE: Moving support for tool balancers, etc.  
Runs in WS30 tool rail.



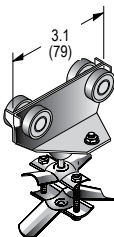
### WS30-BTS SINGLE ROLLER BALANCER TROLLEY

Black polyester finish.  
USE: Tool balancer trolley.  
Runs in WS30 tool rail.



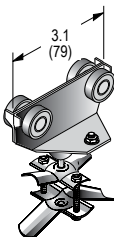
### WS30-HT01\* HOSE/CABLE TROLLEY

Black polyester finish.  
USE: Moving cable/hose clip.



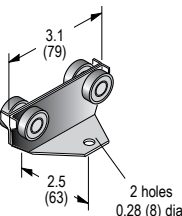
### WS30-HT02\* HOSE/CABLE TROLLEY

Black polyester finish.  
USE: Moving cable/hose clip.



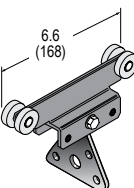
### WS30-03TP PLAIN TROLLEY

Black polyester finish.  
USE: Utility trolley



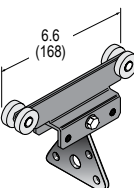
### WS30-SPT SWING PLATE TROLLEY

Black polyester finish.  
USE: Designed for use with Hose-Hider but also works extremely well alone. Swinging tool hook aids lateral movement.



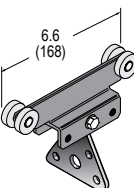
### WS30-SPT SWING PLATE TROLLEY

Black polyester finish.  
USE: Designed for use with Hose-Hider but also works extremely well alone. Swinging tool hook aids lateral movement.



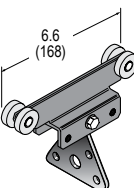
### WS30-SPT SWING PLATE TROLLEY

Black polyester finish.  
USE: Designed for use with Hose-Hider but also works extremely well alone. Swinging tool hook aids lateral movement.



### WS30-SPT SWING PLATE TROLLEY

Black polyester finish.  
USE: Designed for use with Hose-Hider but also works extremely well alone. Swinging tool hook aids lateral movement.





## STEEL TRACK, 50 lb. For loads up to 50 lbs. (22.5 kg)

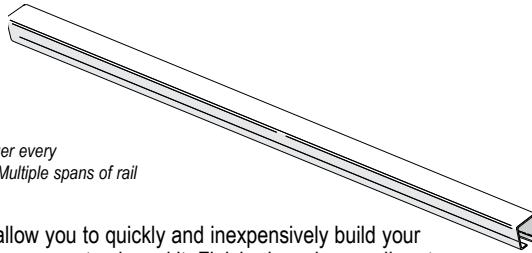
### WS50 TRACK

Beige polyester finish.

USE: Heavy duty tool rail for horizontal supports and vertical columns; up to 50 lbs. (22.5 kg) maximum load.

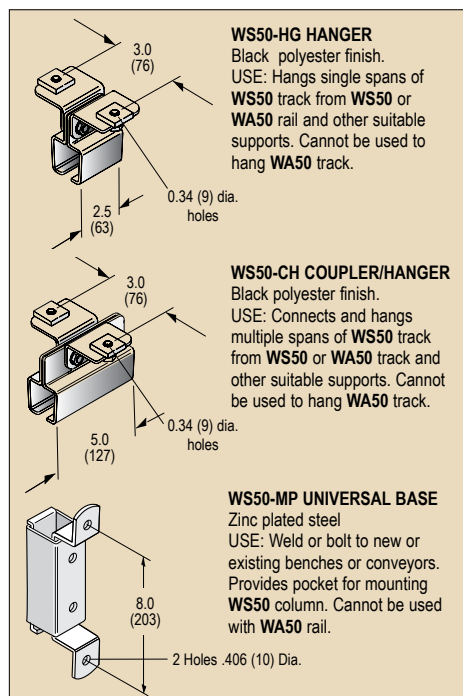
NOTE: Horizontal track must have a support hanger every 6.0 ft. (1.8m) to maintain maximum rated capacity. Multiple spans of rail must be joined using a COUPLER/HANGER.

Separate TOOL RAIL COMPONENTS allow you to quickly and inexpensively build your own work stations, retrofit existing stations or customize a kit. Finished as shown, all parts are the same high quality included with kits and guaranteed to be interchangeable. All mounting hardware is included. All components below fit WS50 track. Items outside blue box may also be used with WA50 Extruded Aluminum Track.



RAIL LENGTH		MODEL NUMBER
ft.	(m)	
3.0	(0.9)	WS50-T03
4.0	(1.2)	WS50-T04
5.0	(1.5)	WS50-T05
6.0	(1.8)	WS50-T06
7.0	(2.1)	WS50-T07
8.0	(2.4)	WS50-T08
9.0	(2.7)	WS50-T09
10.0	(3.0)	WS50-T10
12.0	(3.6)	WS50-T12

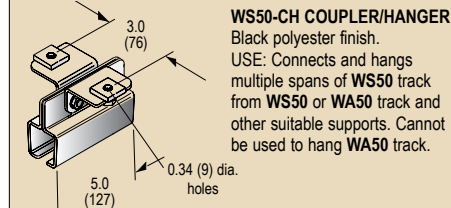
Consult factory for lengths not shown above.



### WS50-HG HANGER

Black polyester finish.

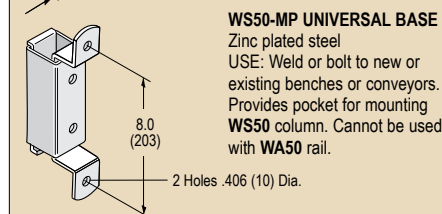
USE: Hangs single spans of WS50 track from WS50 or WA50 rail and other suitable supports. Cannot be used to hang WA50 track.



### WS50-CH COUPLER/HANGER

Black polyester finish.

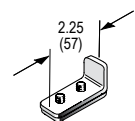
USE: Connects and hangs multiple spans of WS50 track from WS50 or WA50 track and other suitable supports. Cannot be used to hang WA50 track.



### WS50-MP UNIVERSAL BASE

Zinc plated steel

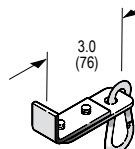
USE: Weld or bolt to new or existing benches or conveyors. Provides pocket for mounting WS50 column. Cannot be used with WA50 rail.



### WS50-ES\* END STOP

Zinc plated steel.

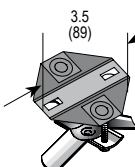
USE: Keeps balancer trolley movement within preselected limits.



### WS50-ESH\* END STOP HOOK

Zinc plated steel.

USE: Supports tool balancer. Adjustable location. Also acts as end stop.



### WS-EC01

0.31 - 0.59 O.D. (08 - 15mm)

### WS-EC02

0.60 - 0.94 O.D. (15 - 24mm)

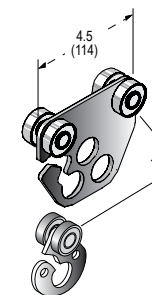
### END CLAMP ASSY

USE: Supports hose/cable and prevents trolley overtravel.



### WS50-EP\* END CAP

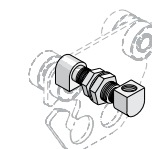
Black molded vinyl. USE: Caps off ends of rail.



### WS50-BTL\* BALANCER TROLLEY

Black polyester finish.

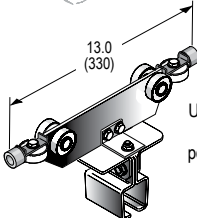
USE: Moving support for tool balancers, etc. Runs in WS50 or WA50 tool rail.



### WS50-BTS\* SINGLE ROLLER BALANCER TROLLEY

Black polyester finish.

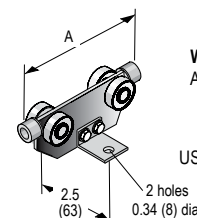
USE: Tool balancer trolley. Runs in WS50 or WA50 tool rail.



### WS50-10HR ROLLING HANGER

Black polyester finish.

USE: Supports tool rail beneath track to provide six way tool positioning. Runs in WS50 steel or WA50 aluminum rail. Hanger will support WS50 track only.



### WS50-06TP\*

A=6.25 (158)

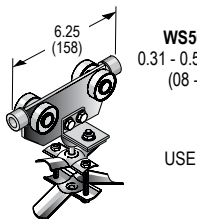
### WS50-10TP\*

A=10.0 (254)

### PLAIN TROLLEY

Black polyester finish.

USE: Utility trolley. Runs in WS50 or WA50 rail.



### WS50-HT01\*

0.31 - 0.59 O.D. hose (08 - 15mm)

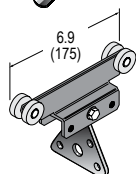
### WS50-HT02\*

0.60 - 0.94 O.D. hose (15 - 24mm)

### HOSE/CABLE TROLLEY

Black polyester finish.

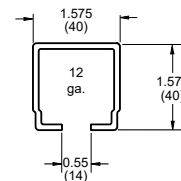
USE: Moving cable/hose clip. Runs in WS50 or WA50 tool rail.



### WS50-SPT SWING PLATE TROLLEY

Black polyester finish.

USE: Designed for use with Hose-Hider but also works extremely well alone. Swinging tool hook aids lateral movement. Runs in WS50 or WA50 tool rail.

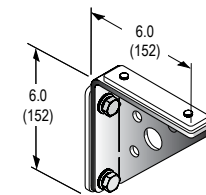


### WS-AB\*

ANGLE BRACKET

Black polyester finish.

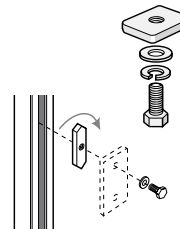
USE: Mounts horizontal tool rail to vertical column.



### WS50-TN\* TRACK NUT

Zinc plated steel.

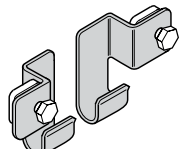
USE: Attaches fixed components to rail. Slides in from rail end.



### WS50-EZTN\* E-Z NUT

Zinc plated steel.

USE: Attaches fixed components to rail, from front.

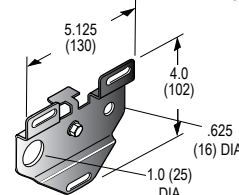


### WS50-HBS

HOOK BRACKET SET (2)

Black polyester finish.

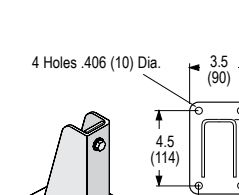
USE: Hang rod to hold rolls of wrap, wire, etc.



### WS50-HR03 (04) (05) (06)

HANGER ROD

5/8" O.D. X 3/8" I.D. unfinished steel tube in length (ft.) shown

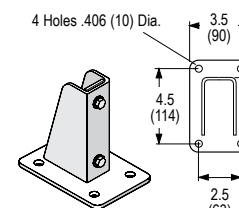


### WS-UH\*

UNIVERSAL BRACKET

Black polyester finish.

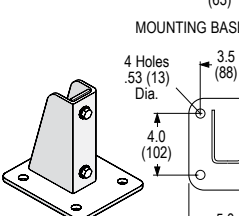
USE: Supports hose or cable, peg board, etc.



### WS50-TB\*

BENCH MOUNT

Beige polyester finish.

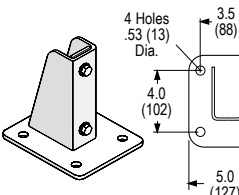


### WS50-TBS

Backing Plate

(Same size as Mounting Base) Optional

### MOUNTING BASE DIMENSIONS



### WS50-MB\* FLOOR MOUNT

Black polyester finish.

### WS50-MBS

Backing Plate

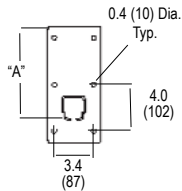
(Same size as Mounting Base) Optional



## BOOMS AND MOUNTING BASES

### Fixed or 180° Swinging WS50 Booms

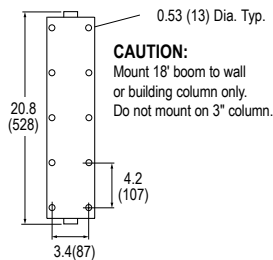
USE: Wall or column mounted tool rail; or use two fixed booms as support for horizontal tool rail. (Cross rail and hangers not included). End stop and end cap included. \*Eight foot (2.4m), ten foot (0.3m) and 18 foot (5.4m) booms include ladder style reinforcing superstructure. Trolley extra. Beige polyester finish.



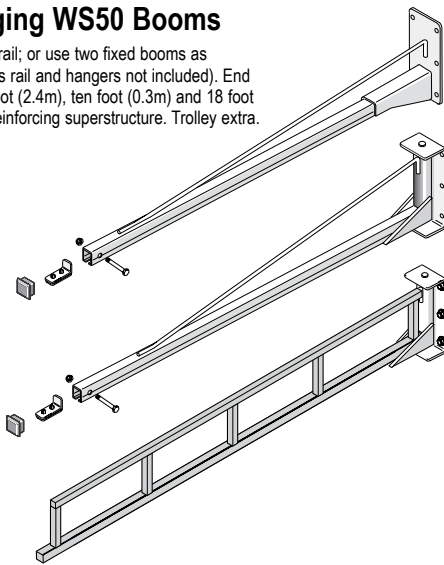
TYPE	Dim. A in. (mm)
Swing	8.12 (206)
Fixed	7.75 (197)

MOUNTING HOLE LAYOUT  
4-10' BOOMS

MOUNTING HOLE LAYOUT  
18' BOOM



**CAUTION:**  
Mount 18' boom to wall  
or building column only.  
Do not mount on 3" column.



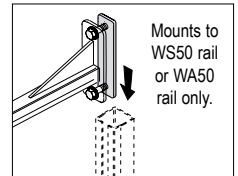
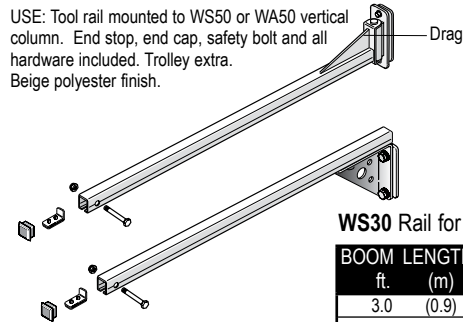
WS50 Rail for loads up to 50 lbs.(22.5 kg)

BOOM LENGTH ft. (m)	BOOM TYPE	MODEL NUMBER
4.0 (1.2)	Fixed	WF50-WS04
4.0 (1.2)	Swing	WS50-WS04
6.0 (1.8)	Fixed	WF50-WS06
6.0 (1.8)	Swing	WS50-WS06
8.0* (2.4)	Fixed	WF50-WS08
8.0* (2.4)	Swing	WS50-WS08
10.0* (3.0)	Fixed	WF50-WS10
10.0* (3.0)	Swing	WS50-WS10
12.0* (3.7)	Swing	WS50-WS12
18.0* (5.4)	Swing	WS50-WS18

\*Features ladder style reinforcing rather than tie rod. Model WS50-WS18 has stacked (doubled) rail for additional strength.

### Rail Mounted Fixed or Swing Booms

USE: Tool rail mounted to WS50 or WA50 vertical column. End stop, end cap, safety bolt and all hardware included. Trolley extra. Beige polyester finish.

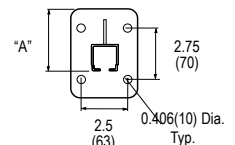
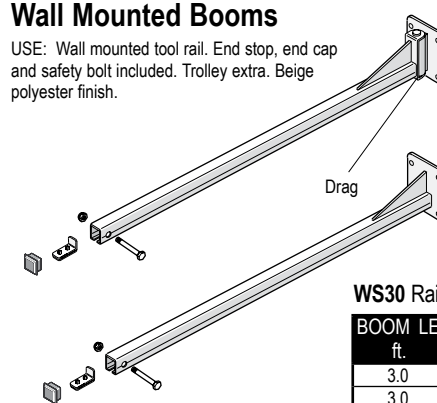


WS30 Rail for loads up to 30 lbs.(13.5 kg)

BOOM LENGTH ft. (m)	BOOM TYPE	MODEL NUMBER
3.0 (0.9)	Fixed	WF30-DS03
3.0 (0.9)	Swing	WS30-DS03
4.0 (1.2)	Swing	WS30-DS04

### Wall Mounted Booms

USE: Wall mounted tool rail. End stop, end cap and safety bolt included. Trolley extra. Beige polyester finish.



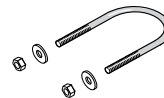
BOOM TYPE	Dim. A in. (mm)
Fixed	3.38 (85)
Swing	3.19 (81)

WS30 Rail for loads up to 30 lbs.(13.5 kg)

BOOM LENGTH ft. (m)	BOOM TYPE	MODEL NUMBER
3.0 (0.9)	Fixed	WF30-WS03
3.0 (0.9)	Swing	WS30-WS03

### WS-UB U-BOLT ASSEMBLY

USE: Secures 4'-10' booms or other flat plates to 3" dia. vertical column. Three are required to mount boom onto vertical column. Do not use for mounting 18' boom (#WS50-WS18). Zinc plated steel.

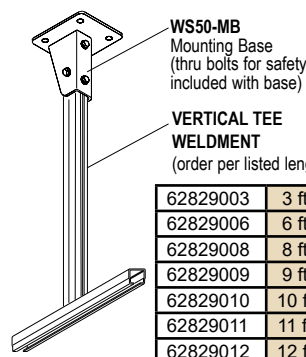
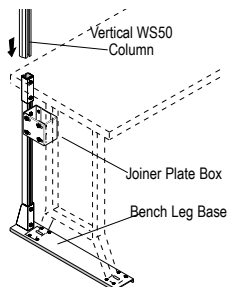
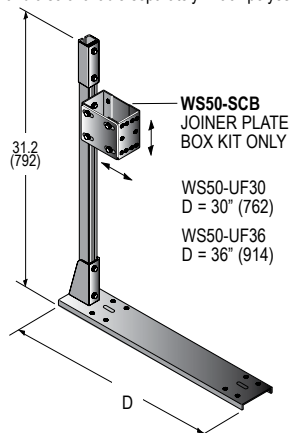


## BASES AND SUPPORTS

These bases are larger than those listed with the track components and are used primarily when a more rigid structure is desired. All bases include all hardware for mounting rail to base.

### BENCH LEG BASE

USE: Mounts workstation to bench by providing a "pocket" into which WS50 track may be fitted. Models for 30"(762) or 36"(914) deep benches. Universal hole pattern in foot plus adjustable "Joiner Plate Box" provide solid grip to the bench leg. Includes hardware required for mounting rail to base. Does not include hardware required to mount base to bench. Joiner plate box included and also available separately. Black polyester finish.



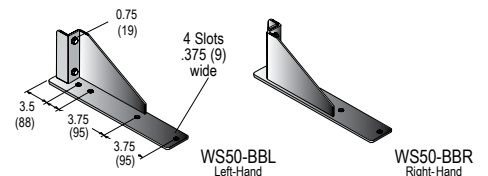
WS50-MB  
Mounting Base  
(thru bolts for safety  
included with base)

VERTICAL TEE  
WELDMENT  
(order per listed length)

62829003	3 ft.
62829006	6 ft.
62829008	8 ft.
62829009	9 ft.
62829010	10 ft.
62829011	11 ft.
62829012	12 ft.

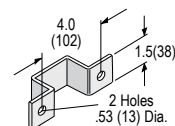
### WS50 VERTICAL HANGER SUPPORT ASSEMBLY KIT

Hanging a tool rail safely from an overhead structure may be the best way to put a workstation where it's needed. These kits consist of a 12" long cross rail section welded to a 3 ft., 6 ft. or 9 ft. vertical rail section and a WS50-MB Mounting Base. These 50 lb. capacity hangers are for use with WS50 steel track and are sold only as kits. Tool track must be supported every six feet to preserve 50 lb. capacity rating.



### TABLE BRACKETS

USE: Mounts WS50 or WA50 vertical support columns to typical work bench. Provides greater rigidity when mounted to sheet metal tops then standard bases. For even greater strength, use model #WS50-BBS backing plate (optional) beneath bench top. Includes hardware for mounting rail to bracket. Does not include hardware for mounting base to bench. Black polyester finish.



### SUPPORT CLAMP

WS50-SC-For WS50 (steel) Rail  
WA50-SC-For WA50 (Aluminum) Rail

USE: Fasten rail to back of bench for added stability. Typically used with WS50-MB base. Black polyester finish.

WS60-SC-For WS60 (steel) Rail also available. Mounting dimensions differ from WS50-SC.

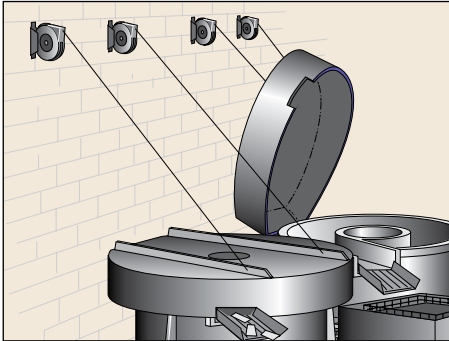




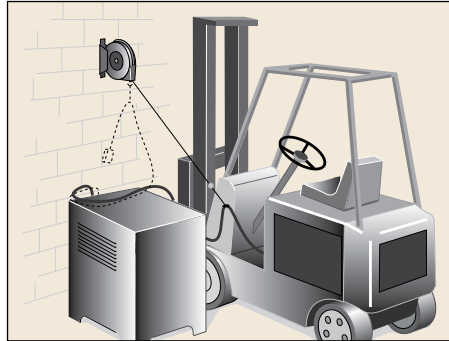
## RETRIEVERS

### Reels For Pulling and Tugging Various Loads

RETRIEVER REELS are designed to provide a "constant" pulling force over a specified distance. Working length (in feet) and pull (in pounds) shown in chart below. Reels feature rugged steel construction with polyester baked finish and rigid mounting bracket. Spring is permanently lubricated. Cable is 920 lb. (414kg) test 0.09" (2.3mm) dia. 7 x 7 strand galvanized steel aircraft cable nylon covered to 0.12" (3.0mm) O.D. Reels include end clip and adjustable cable stop. Net weight of all models 10 lbs. (4.5kg).



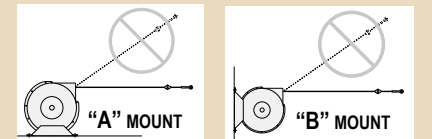
Sound dampening covers on vibrating cleaners make sound level in a metal finishing plant more acceptable. Two RETRIEVERS lift part of each cover's weight and make opening easier and safer.



RETRIEVER keeps fork truck charging cables out of the way when not in use, reducing damage and need for costly replacement. Mount retriever on wall, as shown here, or directly on charger.

#### APPLICATION

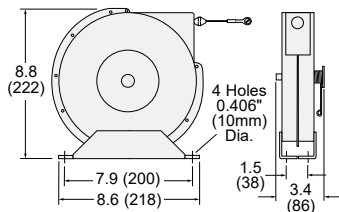
RETRIEVER REELS are available in two mounting types: (A) with pull parallel to mounting surface. (B) with pull perpendicular to mount. Choose type which provides payout in direct line to attachment.



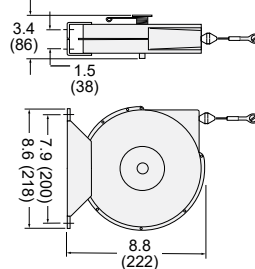
#### DIMENSIONS

ALL DIMENSIONS IN INCHES (mm)

##### "A" MOUNT-SERIES TQR



##### "B" MOUNT-SERIES TQV



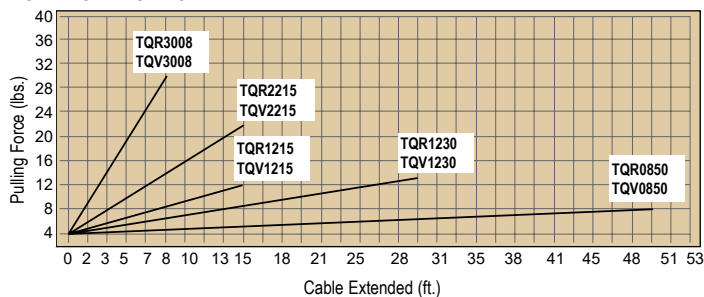
#### SELECTION CHART

CABLE LENGTH ft. (m)	MINIMUM PULL** lbs. (kg)	MAXIMUM PULL** lbs. (kg)	"A" MOUNT MODEL NO.	"B" MOUNT MODEL NO.
50 (15.0)	0.5 (0.2)	7.5 (3.4)	TQR0850	TQV0850
15 (4.5)	3.0 (1.4)	12.0 (5.4)	TQR1215	TQV1215
30 (9.0)	3.0 (1.4)	12.0 (5.4)	TQR1230	TQV1230
15 (4.5)	7.5 (3.4)	22.0 (9.9)	TQR2215	TQV2215
8 (2.4)	8.0 (3.6)	30.0 (13.5)	TQR3008	TQV3008

\*Cable lengths listed are for "active" or "working" cable. Includes end clip and cable stop.

\*\*Pulling forces above are approximate and depend on exact spring adjustment or pre-tensioning by the user. Reels are pre-set at the factory at the minimum pull. Adjusting reel to suit application is user's responsibility.

#### WORKING LENGTH CHART



## Packaging Workstation

Speed your shipments out the door. Shipping station kit was designed with utility and flexibility in mind. Strong, light weight extruded aluminum frame with steel joining brackets and maple bench tops may be assembled in a variety of configurations to fit your space and job requirements. Adjustable light with two 48" fluorescent lamps, packaging foam dispenser with cutting bar, adjustable shelf, power strip and swing arm mounted monitor and printer trays are included as standard. Unique wire trough on back helps organize and protect sensitive computer cables, power cords, etc. Station measures 120" long x 32.5" deep x 87" high in configuration shown. All metal parts have durable polyester finish. Aluminum is beige, steel brackets are matte black. All hardware is zinc plated steel.

DESCRIPTION	MODEL NO.
30" deep Packaging Workstation	HWS-ST120



NOTE: MONITOR, KEYBOARD, MOUSE, BAR CODE PRINTER, LABEL PRINTER AND OTHER SIMILAR EQUIPMENT ARE NOT INCLUDED



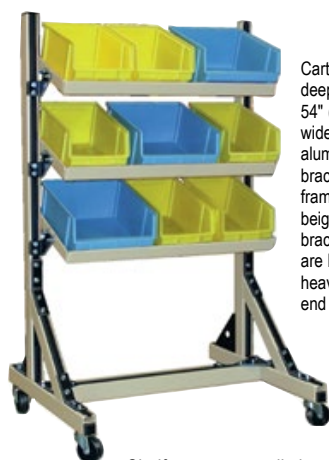
## MINIMIZE REACHING FOR PARTS

### Solve Parts Logistics Problems

Here are three ways to supply small parts to the workstation in an ergonomically friendly manner. Properly positioned parts bins at assembly points minimize stretching and reaching which can lead to injuries. These carts are also great at temporary job task locations.

#### Place 'n Pick SHELF CART

Complete kits with three 12" (305mm) deep adjustable shelves are available in 30" (762mm), 42" (1067mm), 54" (1372mm), or 66" (1676mm) widths. Or, if you want to build a custom cart, frame kits allow you to install 12" (305mm) or 18" (457mm) deep shelves and other accessories like Bin Bars on which to hang bins, electric power strips or air manifolds, even swing arms (see workstation accessory page in this catalog). Maximum capacity 50 lbs. (22.5 kg) per shelf.



Cart kits include three 12" (305mm) deep x 30" (762mm), 42" (1067mm), 54" (1372mm) or 66" (1676mm) wide steel shelves, sturdy extruded aluminum frame, steel construction brackets, and all hardware. Aluminum frame members and shelves have beige baked polyester finish. Steel brackets, including shelf brackets, are black. Also included are four heavy-duty locking casters, and black end caps.



Shelf carts can easily handle many bin boxes of various sizes. Bins (not included) may be loaded onto shelves from front or rear.

#### SHELF CART KIT & COMPONENT LISTING

DESCRIPTION	MODEL NO.
Complete Cart Kit--(3) 12"D x 30"W Shelves included	HWP-SC30
Complete Cart Kit--(3) 12"D x 42"W Shelves included	HWP-SC42
Complete Cart Kit--(3) 12"D x 54"W Shelves included	HWP-SC54
Complete Cart Kit--(3) 12"D x 66"W Shelves included	HWP-SC66
INDIVIDUAL COMPONENTS	
Frame Kit--For 30" Wide Shelves	HWP-SC03
Frame Kit--For 42" Wide Shelves	HWP-SC04
Frame Kit--For 54" Wide Shelves	HWP-SC05
Frame Kit--For 66" Wide Shelves	HWP-SC06
Shelf--12"D x 30"W	WS50-SS03
Shelf--12"D x 42"W	WS50-SS04
Shelf--12"D x 54"W	WS50-SS05
Shelf--12"D x 66"W	WS50-SS06
Shelf--18"D x 30"W	WS50-SS183
Shelf--18"D x 42"W	WS50-SS184
Shelf--18"D x 54"W	WS50-SS185
Shelf--18"D x 66"W	WS50-SS186

\*Frame kits include aluminum and steel members, four locking casters, end caps and all assembly hardware. Width shown is inside-to-inside dimension. Shelves fit inside frame uprights. Shelves that hang in front of uprights are available. See catalog for details on shelves and other accessories that can be easily installed on frame.

#### Rolling Bin Rack



Hang bin boxes on both sides, position cart in the best place for greatest workplace efficiency and ergonomics. Move easily if task or worker changes. Six bin supports may be positioned at desired heights. Bin boxes not included.

- Sturdy extruded aluminum frame with heavy-duty steel brackets.
- Includes six bars for holding bin boxes
- Four locking, swivel casters.
- 300 lb. max capacity.

Dimensions:  
77"H x 36"D x 33.6" wide

DESCRIPTION	MODEL NO.
Bin Box Cart with four casters	HWP-BC01

#### Gravity Feed Rack



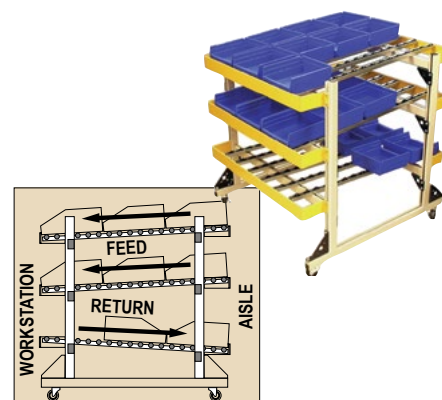
Semi-permanent (adjustable glides, not casters) designed for supplying parts bins to work areas. Two conveyor levels, each featuring four roller strips, fully adjustable slope and height. Sturdy steel stops prevent bin run-off. Roller strips supported along entire length by WS30 rail.

- Sturdy extruded aluminum frame with heavy-duty steel brackets.
- Adjustable glides, not casters.
- 300 lb. max capacity.

Dimensions:  
62"H x 36"D x 30" wide

DESCRIPTION	MODEL NO.
Gravity Feed Rack with Glides	HWP-GFR

#### Supply 'n Return™ Gravity Feed Cart



Three adjustable conveyors supply full bins to assembly area and return empty bins to aisle. Each level may be easily adjusted for optimum slope and spacing. May also be assembled with all three levels sloped toward work area. Adjustable safety yellow bin stops also protect ends of conveyors. Tough baked polyester finish. Optional adjustable side guides (not shown) may be added to keep bins aligned. Bins not included.

- Sturdy extruded aluminum frame with heavy-duty steel brackets.
- 18 adjustable roller strips.
- 300 lb. max capacity.
- Locking, swivel casters

Dimensions:  
48"H x 48"D x 47" wide

DESCRIPTION	MODEL NO.
Supply 'n Return Cart	HWP-GF444
Side Guides (set of two)	HWP-SG4



## HEAVY-DUTY SPECIAL PURPOSE CARTS

### Keep Your Plant Flexible Yet Safe

#### Push 'n Place™ WORKSTATION

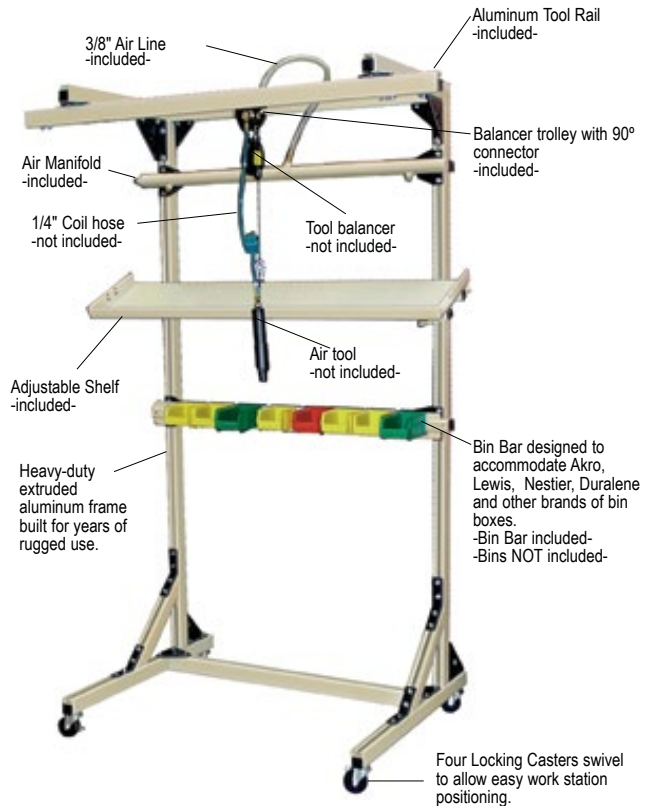
Here's a way to maintain flexibility on the plant floor without sacrificing safety and productivity. The Hubbell Workplace Solutions Push 'n Place portable workstation rolls easily on four heavy-duty locking, swivel casters. Constructed of strong extruded aluminum rail, it measures 36" deep and 90" high, including casters. Frame is 44" wide o.c., perfect for under a 5' conveyor section or 60" bench. Tool bar is 60" long and can be fitted with splice angles to adjoin two or more units. Bin Bar, air manifold and balancer trolley with fitting plus 3/8" hose are standard. Frame is finished with beige baked polyester. Brackets are matte black. Assembly required.



**NOTE:**  
Standard Hubbell Workplace Solutions swing arms and other accessories may be used with this portable workstation.

DESCRIPTION	MODEL NO.
Push 'n Place portable workstation	HWP-0475

TYPICAL USE  
with conveyor

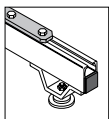


#### WIRE SPOOL CART

Here's the answer to production or maintenance wiring jobs. Roll the wire to the job, unspool what you need, and return the cart to a convenient storage place. WA50 aluminum rail with formed steel brackets, cart measures 54" high, 36" deep and 33.6" wide with a 27" clear space between spool shaft brackets, which are fully adjustable. Available with four heavy-duty casters (two fixed and two swivel with locks), two fixed casters and two glides or, for semi-permanent installation, with four glides. Swivel casters may be installed at either front or back. All components, except hardware, finished with chip-resistant baked polyester coating. Rails are beige and brackets are black. Assembly required. MAXIMUM CAPACITY: 300 lbs.

Includes Bin Bar (bin boxes not included). Convenient storage for wire nuts and other fasteners or tools. Bin Bar designed to accommodate Akro, Lewis, Nestier, Duralene and other brands of bin boxes.

Formed steel brackets provide maximum rigidity. All assembly hardware included



OPTIONAL  
GLIDES

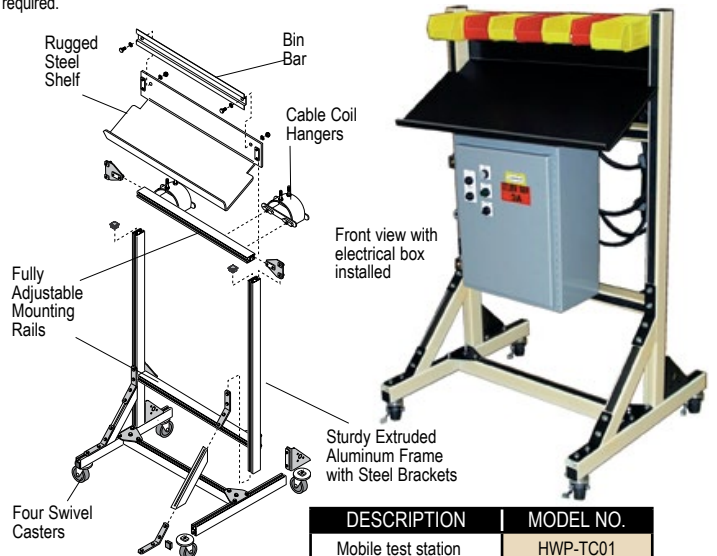
Your choice of glides or casters



DESCRIPTION	MODEL NO.
Wire spool cart with four casters.	HWP-RC01
Wire spool cart with four glides.	HWP-RC02
Wire spool cart with two fixed casters and 2 glides.	HWP-RC03

#### MOBILE TEST STATION

The Model HWP-TC01 Test Bed Cart represents the ultimate in versatility. Dual support rails adjust to any size electrical box. Box mounts easily with exclusive **EZ-NUT™** Track Nuts, furnished. Two coil hangers keep cable off floor while cart is being rolled to the job. Heavy duty shelf easily supports even the heaviest technical manuals. Bin Bar holds box bins for miscellaneous storage. Frame is strong extruded aluminum with beige baked polyester finish. All joining brackets are heavy steel with matte black polyester. Includes four locking, swivel casters and all assembly hardware. Bin boxes, electrical box and cables not included. Some assembly required.



DESCRIPTION	MODEL NO.
Mobile test station	HWP-TC01





# Tool Assist Pro

Formerly known as  
Hubbell Workplace Solutions,  
Tool Assist Pro from Hubbell  
helps companies increase  
productivity through highly  
effective ergonomics for  
worker and plant safety.

WORKPLACE SOLUTIONS  
and efficient solution for  
plant & mobile electrification

Tools & Accessories  
Rooms

- Mobile
- Packaging Solutions



Safe environments increase profitability by reducing the direct and indirect costs of work-related injuries and accidents. This also contributes to improved employee morale. Plus, companies save money by preventing tools from being broken lost or stolen.

Any business in any industry that uses tools can benefit from Tool Assist Pro solutions.



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