



**ToolAssistPro**<sup>™</sup>

## **Tool Balancers & Workstation Kits**

Improve workplace ergonomics



## ERGO-1 Tool Balancers

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

- Hand-windable spring tension adjustment knob is flush with the housing
- Push-button to easily release spring tension
- Rugged steel upper swivel hook with secondary safety cable provision
- Over-sized cable opening with direct in-line pull to reduce cable wear
- 270 lb (121.5kg) test 0.047" (1.2mm) dia. 7x7 strand galvanized steel aircraft cable nylon covered to 0.063" (1.6mm) OD
- Adjustable cable stop and lower safety hook



For up to



Description	Load lbs (kg)		Cable Length* ft (m)	Reel Weight lbs (kg)	Catalog Number
	Min	Max			
Balancer for loads up to 5 lbs	0.5 (0.2)	1.5 (0.7)	6 (1.8)	1.3 (0.6)	<b>HBLBD01</b>
	1.5 (0.5)	3.0 (1.4)	6 (1.8)	1.3 (0.6)	<b>HBLBD03</b>
	3.0 (1.4)	5.0 (2.3)	6 (1.8)	1.5 (0.7)	<b>HBLBD05</b>

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

### Applications



Light Duty Manufacturing



Packaging & Shipping Station



Distribution Facilities



## ERGO-2 Tool Balancers

ERGO-2 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 adjustable for balancing tool in normal working zone (6-18 in. [152-457mm]). Cable is 920 lb. (414kg) test 0.09" (2.3mm) dia. 7x7 strand galvanized steel aircraft cable nylon covered to 0.12" (3.0mm) OD. Includes safety tool clip and adjustable cable stop.

### Applications

- Manufacturing and assembly workstations
- Vehicle fueling and charging stations
- Packaging and shipping stations

For up to



Description	Ratchet Lock	Load lbs (kg)		Cable Length* ft (m)	Reel Weight lbs (kg)	Catalog Number
		Min	Max			
Balancers (constant pull reels) May be adjusted to balance through 6-18 in. (152-457mm) range	No	3 (1.4)	7 (3.2)	8 (2.4)	6 (2.7)	<b>HBLBG03</b>
		5 (2.3)	10 (4.5)	8 (2.4)	6 (2.7)	<b>HBLBG07</b>
		8 (3.6)	12 (5.4)	8 (2.4)	7 (3.2)	<b>HBLBG10</b>
		10 (4.5)	15 (6.8)	8 (2.4)	8 (3.6)	<b>HBLBG15</b>
		16 (7.2)	23 (10.4)	8 (2.4)	8 (3.6)	<b>HBLBG20</b>
		16 (7.2)	23 (10.4)	8 (2.4)	8 (3.6)	<b>HBLBG20SH**</b>
		22 (9.9)	27 (12.2)	8 (2.4)	8 (3.6)	<b>HBLBG25</b>
Retractors (ratchet lock) Retract tool upward when manually released	Yes	3 (1.4)	7 (3.2)	8 (2.4)	6 (2.7)	<b>HBLBG03L</b>
		5 (2.3)	10 (4.5)	8 (2.4)	6 (2.7)	<b>HBLBG07L</b>
		8 (3.6)	12 (5.4)	8 (2.4)	7 (3.2)	<b>HBLBG10L</b>
		10 (4.5)	15 (6.8)	8 (2.4)	8 (3.6)	<b>HBLBG15L</b>
		16 (7.2)	23 (10.4)	8 (2.4)	8 (3.6)	<b>HBLBG20L</b>
		16 (7.2)	23 (10.4)	8 (2.4)	8 (3.6)	<b>HBLBG20LSH**</b>
		22 (9.9)	27 (12.2)	8 (2.4)	8 (3.6)	<b>HBLBG25L</b>
Torque reels*** (ratchet lock and longer cable)	Yes	3 (1.4)	7 (3.2)	15 (4.5)	8 (3.6)	<b>HBLTQ1507</b>
		5 (2.3)	10 (4.5)	15 (4.5)	10 (4.5)	<b>HBLTQ1510</b>
		10 (4.5)	15 (6.8)	15 (4.5)	12 (5.4)	<b>HBLTQ1515</b>

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

\*\*Includes HBLBGSH "Shock Stop."

\*\*\*Clevis mount. For rigid mount, add "R" suffix.



## ERGO-3 Tool Balancers

ERGO-3 tapered drum tool balancers keep tools within reach and reduce damage to tools by suspending them out of the way above the work surface. Tapered drum compensates for changing spring rate—as the tool is lowered, and the spring is wound more tightly, the effective drum diameter increases to compensate for the increased force.

- 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 HBLBH02/HBLBH05)
- Easy adjustment with everyday tools from outside housing



For up to



Description	Load lbs (kg)		Cable Length* ft (m)	Reel Weight lbs (kg)	Catalog Number
	Min	Max			
Heavy-duty balancer for loads up to 308 lbs	1.1 (0.5)	4.4 (2.0)	3.3 (1.0)	2.2 (1.0)	<b>HBLBH02</b>
	2.2 (1.0)	6.6 (3.0)	4.3 (1.3)	2.8 (1.3)	<b>HBLBH03</b>
	5.5 (2.5)	11 (5.0)	4.3 (1.3)	3.3 (1.5)	<b>HBLBH05</b>
	9.0 (4.1)	20 (9.1)	3.9 (1.2)	13.4 (6.1)	<b>HBLBH09</b>
	20 (9.1)	33 (15.0)	3.9 (1.2)	13.4 (6.1)	<b>HBLBH15</b>
	33 (15.0)	48 (21.8)	4.5 (1.4)	22.6 (10.3)	<b>HBLBH22</b>
	48 (21.8)	66 (30.0)	4.5 (1.4)	22.6 (10.3)	<b>HBLBH30</b>
	66 (30.0)	88 (40.0)	4.5 (1.4)	27.0 (12.2)	<b>HBLBH40</b>
	88 (40.0)	110 (50.0)	4.5 (1.4)	27.0 (12.2)	<b>HBLBH50</b>
	110 (50.0)	132 (60.0)	4.5 (1.4)	31.4 (14.2)	<b>HBLBH60</b>
	132 (60.0)	154 (70.0)	4.5 (1.4)	31.4 (14.2)	<b>HBLBH70</b>
	154 (70.0)	187 (85.0)	4.5 (1.4)	58.4 (26.5)	<b>HBLBH85</b>
	187 (85.0)	220 (100.0)	4.5 (1.4)	56.0 (25.4)	<b>HBLBH100</b>
	220 (100.0)	264 (120.0)	4.5 (1.4)	60.0 (27.2)	<b>HBLBH120</b>
264 (120.0)	308 (140.0)	4.5 (1.4)	61.0 (27.7)	<b>HBLBH140</b>	

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

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

### Applications



# Accessories

## Adjustable Cable Saddle

Provide strain relief for electrical cable or air hose

Description	Cable Diameter in (mm)		Catalog Number
	Min	Max	
Hangs from balancer cable above tool to provide strain relief for electrical cable or air hose. Available in three sizes. Includes safety clip.	0.3 (7)	0.59 (14)	<b>HBLCSF1</b>
	0.6 (15)	0.94 (23)	<b>HBLCSF2</b>
	0.95 (24)	1.25 (31)	<b>HBLCSF3</b>



## Shock-Stop

Minimize cable damage caused by over-tensioned balancers

Description	Catalog Number
Minimize cable damage often caused by overtensioning tool balancers. "Shock Stop" kit is easily installed. Can be used on ERGO-2 balancer. Kit includes spring, cable stops, all hardware.	<b>HBLBGSH</b>



## Safety Cable/Chain

Secondary safety measure to prevent balancer accidental fall

Description	For use with	Length ft (m)	Catalog Number
Strongly recommended, secondary steel cable or steel link chain. Prevents balancer from accidental fall. Balancers have extra holes for cable or chain.	HBLBD01-05	1 (0.3)	<b>HBLSCBD1*</b>
	HBLBG03-25	1 (0.3)	<b>HBLSCBG1**</b>
	HBLBG03L-25L	2 (0.6)	<b>HBLSCBG2**</b>
	HBLTQ1507-15	3 (0.9)	<b>HBLSCBG3**</b>
	HBLBH03-30	3 (0.9)	<b>HBLSCBG3**</b>
	HBLBH40-140	3 (0.9)	<b>HBLSCBH3**</b>

\*Nylon covered steel cable.

\*\*Steel link chain.



## Overhang Cable

Brings tool closer to work area without unwinding cable

Description	Length ft (m)	Catalog Number
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.	3 (0.9)	<b>HBLOC03</b>
	5 (1.5)	<b>HBLOC05</b>
	10 (3.0)	<b>HBLOC010</b>
	15 (4.6)	<b>HBLOC015</b>



## Balancer Trolleys

Add balancer trolleys to a tool rail kit for improved tool range and versatility

Description	Catalog Number
Balancer trolley	<b>HBLWS50BTL</b>
Single roller balancer trolley	<b>HBLWS50BTS</b>





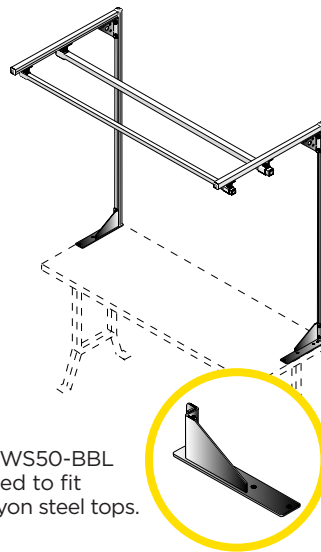
## Workstation Kits

Available in a range of heights to fit virtually any bench and task, dual column workstation kits include two straight rails and your choice of two mounting base styles. The height of horizontal support rails, the position of the rails and the width (distance between vertical columns) are all adjustable. Kits include one WS30 and one WS50 rail. Either or both rail may be used as tool rail by adding optional balancer trolleys. Additional components are available to enhance the functionality of these fully customizable workstations.

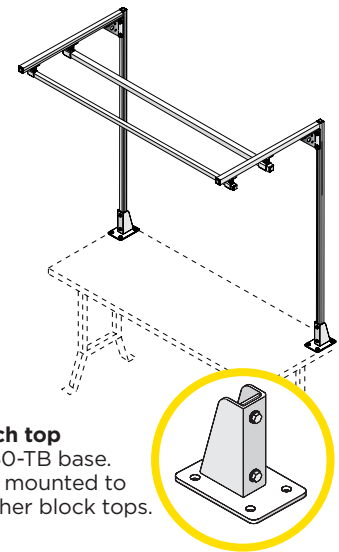
- Adjustable and customizable to fit virtually any bench and task
- Kit bases are designed to fit most benches from Edsal, Equipto, Lyon, Penco and similar manufacturers
- Superior rigidity and durability

### 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
- All assembly hardware



**Table bracket**  
WS50-BBR & WS50-BBL bases. Pre-drilled to fit Equipto and Lyon steel tops.



**Bench top**  
WS50-TB base. Best mounted to butcher block tops.

### Applications



# Workstation Kits & Accessories

Most components which make up ToolAssistPro kits are available separately. Components are often added to basic kits, further customizing them to fit the task. Workstation accessories increase utilitarian value and make the workplace more user friendly by adding functions. Accessories and components can be installed easily on ToolAssistPro fixed or portable workstation kits. Just slide them into place and tighten.

## Straight Tool Rail Kits

Description	Rail Length ft (m)	Height Above Bench ft (m)	Catalog Number
Straight rail bench top kit. Best mounted to butcher block tops.	6.0 (1.8)	5.0 (1.5)	<b>HBLWGB030560</b>
Straight rail table top kit. Table brackets predrilled to fit Equipto and Lyon steel tops.	6.0 (1.8)	5.0 (1.5)	<b>HBLWKBO30560</b>

*Height of bench will determine tool rail height.*

## Power Bars

- Grounded 15A outlets and plugs
- On/off switch and circuit breaker with reset
- Mounting bracket and hardware in length to fit workbench

Description	Catalog Number
60 in. power bar with 60 in. mounting bar	<b>HBLWPB505A</b>



## Manifold with Brackets

Redesigned square tubing provides 66% more volume than the legacy round tube, making this manifold ideal for workstations where multiple tools are used. Drilled and tapped for 3/8" NPT air inlets and outlets. Mounts to vertical columns or top rails. Beige polyester finish. Mounting hardware included.

- 3/8" NPT air inlets and outlets
- Mounts to vertical columns or top rails
- Mounting hardware included

Description	Width ft (m)	# of Taps	Catalog Number
Mounts to vertical columns or top rails on workstations	5 (1.5)	5	<b>HBLWMAN05C</b>



## Balancer Trolleys

Balancer trolleys allow for greater tool versatility within a workstation. Optionally add them to a tool rail kit for improved tool range.

- Universal style bracket can hang a variety of objects
- Double or single roller guides swing smoothly along tool rail
- Black polyester finish

Description	Catalog Number
Balancer trolley	<b>HBLWS50BTL</b>
Single roller balancer trolley	<b>HBLWS50BTS</b>



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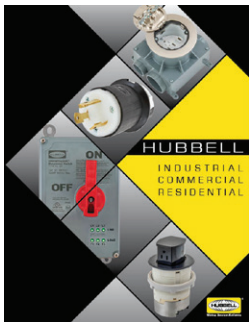
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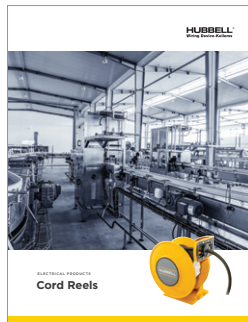
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Cord Reels

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