

PENCO

About Penco

The need for storage products is universal and Penco has grown a wide spectrum of solutions to fill that need. In doing so, Penco has become one of America's largest and most trusted suppliers of storage and work-area products. With state-of-the-art U.S. manufacturing facilities and QuickShip Distribution Centers strategically located throughout the United States, Penco is positioned to best serve your needs.

Market sectors served by Penco include educational, healthcare, and government facilities, as well as offices, manufacturing companies, distribution warehouses, retail outlets, sports arenas and community parks.

Shelving and pallet rack products are popular with warehousing and manufacturing applications, ranging from a few units to multi-level and high rise applications.

Lockers are widely used in educational facilities, fitness centers, healthcare, military, emergency response, commercial and industrial locations.

Other products such as storage cabinets, work benches and shop furniture are used wherever material gets shipped, received or stored.

Cover Image: NARA St. Louis, Back Cover Image: Erectomatic Shelving System

Penco's History

In 1869, a man named L. Lewis Sagendorph fulfilled his ambition to begin his own company that would produce the finest metal products in America. He called his fledgling business the Penn Metal Corporation of Pennsylvania, and began by making steel culvert pipe on Oregon Avenue in South Philadelphia.

PHILADELPHIA 48, PA. U.S.A.

Over the years, Penn Metal's product lines broadened to include lockers, shelving and even aircraft landing mats. A reputation for quality fabrication spread, and the company's influence became nationwide. In the 1950's, the name was shortened to Penco Products and the plant and offices were expanded to a modern facility in Oaks, Pennsylvania, near Valley Forge.

In 2001, the manufacturing facility was moved from Oaks to a 475,000 square foot manufacturing facility in Hamilton, North Carolina, allowing significant room for expansion. In 2013, the corporate headquarters was moved from Skippack, Pennsylvania to Greenville, North Carolina.



Customer Service

Penco's Customer Service staff is a customer friendly, knowledgeable team that is dedicated to excellence in service delivery and communication. The team is based at Penco's Greenville, NC headquarters.

Our goal is to provide professional, courteous, timely and accurate service to every customer in a fair, consistent and accessible manner. Penco's distributor partners and customers are our number one priority and focus.

pencoproducts.com | 800.562.1000



Shelving Highlights / Contents

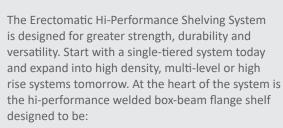
Contents

Introduction2-5
Units 6-10
Components 11-13
Accessories 14-15
Multi-Level Components/Hardware 15-16
Shelves 17
Multi-Level Shelving 18-19
Grating 20
Stairs
Specifications22
Colors 23

Chart of

24 Designer Colors

See Page 23



- Stronger capacities from 400 lbs to 2,000 lbs!
- Simpler no need for shelf reinforcing channels...even for extra heavy duty capacity shelving. That means fewer parts, less expense.
- Versatile can be used with your choice of four posts types.

Along with the box-beam shelf, the Erectomatic Hi-Performance Shelving System features Beaded Posts, Angle Posts, Welded T-Posts, Heavy Duty H-Posts and a one-piece shelf clip with a complete line of accessories that can be added as your storage requirements change.

Together, these high quality shelving components provide safe organized storage that is designed to allow for easy modifications and future expansion to meet your changing needs.

Erectomatic Beaded Posts

Beaded front and welded together at rear flange for strength. Flush to permit straight-in/straight-out shelf installation or shelf changing. Enables full use of the shelf width for storage. No dead space behind post. Provides easy independent vertical shelf adjustment on 1-1/2" centers. For use in the front of the unit only. See page 11 for more information.

Erectomatic Offset Angle & T-Posts

Used at the rear of the unit these posts are punched on 1-1/2" centers to allow quick, independent shelf adjustment. T-Posts consist of two angle posts welded together. They are used as common posts between units for faster assembly and fewer parts.

See page 11 for more information.

Erectomatic Heavy Duty H-Posts

All the advantages of the Flush Beaded Posts plus more than two times the load-carrying capacity. These heavy duty posts are common to front or rear and can support high rise or high density storage systems using standard Erectomatic components throughout. See page 12 for more information.

Erectomatic One Piece Shelf Clip

A non-intrusive one piece compression clip, designed to secure the shelf to any Erectomatic post without intruding into the area to be devoted to storage. Four clips are provided with each shelf. See page 16 for more information.



Erectomatic Hi-Performance® Shelves



Manufactured from high strength steel, front and rear flanges are formed into a tubular box shape and welded to the underside of the shelf on 3" centers for superior strength. Shelf corners are lapped and welded and sides are double flanged. A special design feature keeps clips snug against the shelf regardless of shelf class. Available in four load capacity classes. Sizes up to 48" wide and 36" deep. Shelves are punched to accept accessories

such as dividers, label holders, bin fronts and base strips. For use with all Erectomatic posts. Can be independently installed or re-positioned using four one-piece compression clips. See page 17 for more information.





General Information

Post Load Capacity Information

Post calculations should always be based on applied loads, shelf spacing and the allowable load for any post. To determine the actual load for any post, use the following procedure.

- a. Add the shelves in each unit multiplied by the load for each shelf. Do not include the bottom shelf which is 3" above the floor in your count.
- b. Divide the result by 2 to achieve loading to intermediate posts, and by 4 to achieve loading totals for posts located at aisle ends.
- c. The resulting numbers will be the load superimposed on each post.

occur, please contact Penco Products for design assistance.

d. Check the superimposed load with the allowable load shown in the chart below.

If your shelving installation is in an area where seismic activity may

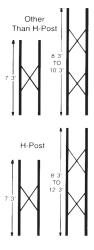
10720 12000 0240 8980 ^{oost} Load 9000 6970 6560 6020 5390 4710 4720 6000 3700 3050 2640 2640 2150 1740 3000 1660 1200 1210 0 18' 12' 24' 30' 36' Shelf Spacing Anale H-Post Tee Beaded

All post capacities shown are based on the latest AISI Design Manual for cold-formed members.

Sway Braces

Open shelving units, 87' high or less, must have at least one set of side sway braces per side and one set of back braces. Both side and back braces may be common with adjacent units. For multiple level, deck-over or high-rise shelving structures, the lowest set of braces should be within 6" of the floor. For posts over 87" high up to 123", order two sets of side and rear braces for each unit. Posts taller than 123" may require additional bracing.

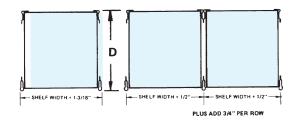
For brace location requirements in regions where there is seismic activity, contact Penco Products for assistance.



Unit Growth

Beaded Post Shelving

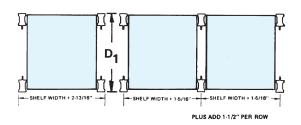
For "D" — Single Face add 3/16" to nominal shelf depth. For "D" — Double Face add 3/8" to nominal shelf depth.



H-Post Shelving

For "D1" — Single Face add 5/16" to nominal shelf depth.

For "D1" — Double Face add 13/16" to nominal shelf depth for closed models, and 29/32" for open models.



NOTE:

Widths of Erectomatic posts should be added to the nominal shelf width in any floor plan to determine the overall shelving width. Check "D" and "D1" dimensions depth.

The Most Reliable Shelf Test Method in the Industry

Test methods simulate actual applications to the highest degree possible. Evenly distributed static loads of boxed hardware are spaced to prevent "bridging" (product stacked together forms a mass like a stone archway resulting in a false safe load) to determine the maximum safe load for each size and type of shelf.

In actual usage, there is a risk that the recommended safe load may be exceeded, depending upon the type, size and placement of material on the shelf. A safety factor of 1.65 is included for your protection. Impact load, and point loads, such as standing on the shelf (unsafe) are not included in test procedures.

Shelf Test Method



Versatile Shelving With Accessories

Sliding Divider — Formed to fit around front and rear flanges of the shelf. May be positioned anywhere along shelf surface.

Partial Divider _____ Divides shelf surface into sections.

Bin Front ______ To retain small bulk parts on shelf.

Full Height Dividers Used to subdivide the shelf opening into smaller units. Punched top and bottom for attachment to shelves.

Welded End Panel One-piece welded assembly of steel sheet and posts used to enclose shelving sides or as a partition between sections – placed side by side. Back Panel Completely closes the back of shelving units and provides lateral stability. Hi-Performance[®] Shelf Available in 19 sizes and 4 classes of load carrying capacity. 元

> CLOSED Shelving Unit

OPEN Shelving Unit Beaded Post Used as a common front post or row end. Allows independent 1-1/2" vertical adjustability and access to the full shelf width.

Offset Angle Post Roll formed for strength and punched on 1-1/2" centers for shelf adjustment. Can be used at front or back of unit.

Side Braces Eliminates front to back sway on open type shelving.

Back Braces Attaches to rear posts of open type shelving to ensure lateral stability.

Label Holder Accepts 7/8" labels.

Base Strip

Designed to close the space between the bottom shelf and floor to promote good housekeeping.

Versatile Erectomatic[®] Shelving can be accessorized for any job.

Open Shelving Units



All Units Are 87" High and have Heavy Duty Hi-Performance[®] Shelves Open shelving is the most basic method of storing packaged or bulky items. Units feature Beaded Posts at the front of the unit and Offset Angle or T-Posts at the rear and are stabilized by side and back sway bracing. All starting units are complete and free standing. Open starting units utilize beaded front posts with offset angle posts at the rear. Adjoining open shelving units consist of shelves,

1 beaded post, 1 T-post, 1 set of side sway braces and 1 set of back sway braces.

When installing a row of shelving with starting and adjoining units, a rear angle post from the starting unit is replaced with the T-Post supplied with the adjoining unit, and is used in common between the units. The angle post from the starting unit is used at the end of the row.



Starting

Back-to-back shelving utilizes common back braces.



Many o	ther sizes are av	/ailable.	5 Shelves	6 Shelves	7 Shelves	8 Shelves
Width	Depth	Height	Starting	Starting	Starting	Starting
	12"	87"	H51012	H51112	H51212	H51312
36″	18"	87"	H51018	H51118	H51218	H51318
Wide	24"	87"	H51024	H51124	H51224	H51324
Units	30"	87"	H51030	H51130	H51230	H51330
	36"	87"	H51036	H51136	H51236	H51336
	12"	87"	H57512	H57712	H57912	-
42″	18"	87"	H57518	H57718	H57918	-
Wide	24"	87"	H57524	H57724	H57924	-
Units	30"	87"	H57530	H57730	H57930	-
	36"	87"	H57536	H57736	H57936	-
	12"	87"	H56912	H57112	H57312	-
48″	18"	87"	H56918	H57118	H57318	-
Wide	24"	87"	H56924	H57124	H57324	-
Units	30"	87"	H56930	H57130	H57330	-
	36"	87"	H56936	H57136	H57336	-
Width	Depth	Height	Adjoining	Adjoining	Adjoining	Adjoining
	12"	87"	H51012A	H51112A	H51212A	H51312A
36″	18"	87"	H51018A	H51118A	H51218A	H51318A
Wide	24"	87"	H51024A	H51124A	H51224A	H51324A
Units	30"	87"	H51030A	H51130A	H51230A	H51330A
	36"	87"	H51036A	H51136A	H51236A	H51336A
	12"	87"	H57512A	H57712A	H57912A	-
42"	18"	87"	H57518A	H57718A	H57918A	-
Wide	24"	87"	H57524A	H57724A	H57924A	-
Units	30"	87"	H57530A	H57730A	H57930A	-
	36"	87"	H57536A	H57736A	H57936A	-
	12"	87"	H56912A	H57112A	H57312A	-
48″	18"	87"	H56918A	H57118A	H57318A	-
Wide	24"	87"	H56924A	H57124A	H57324A	-
1 Institute	30"	87"	H56930A	H57130A	H57330A	-
Units						



Closed Shelving Units



All Units Are 87" High and have Heavy Duty Hi-Performance[®] Shelves





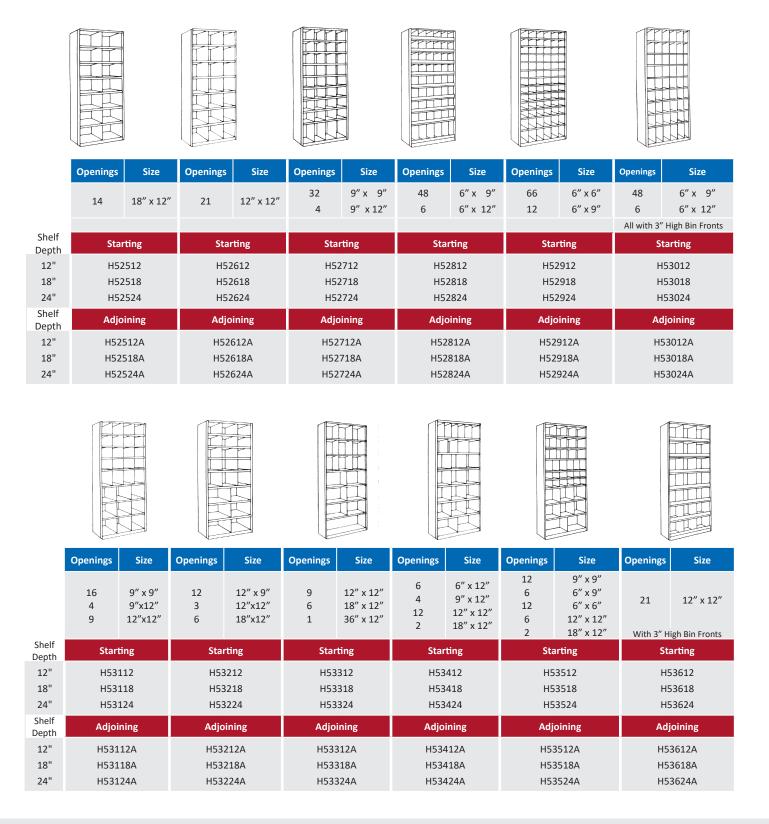


Width	er sizes are av	vailable.	5 Shelves	6 Shelves	7 Shelves	8 Shelves
	Depth	Height	Starting	Starting	Starting	Starting
	12"	87"	H52012	H52112	H52212	H52312
36″	18"	87"	H52018	H52118	H52218	H52318
Wide	24"	87"	H52024	H52124	H52224	H52324
Units	30"	87"	H52030	H52130	H52230	H52330
	36"	87"	H52036	H52136	H52236	H52336
	12"	87"	H57612	H57812	H58012	-
42″	18"	87"	H57618	H57818	H58018	-
Wide	24"	87"	H57624	H57824	H58024	-
Units	30"	87"	H57630	H57830	H58030	-
	36"	87"	H57636	H57836	H58036	-
	12"	87"	H57012	H57212	H57412	-
48″	18"	87"	H57018	H57218	H57418	-
Wide	24"	87"	H57024	H57224	H57424	-
Units	30"	87"	H57030	H57230	H57430	-
	36"	87"	H57036	H57236	H57436	-
Width	Depth	Height	Adjoining	Adjoining	Adjoining	Adjoining
	12"	87"	H52012A	H52112A	H52212A	H52312A
36″	18"	87"	H52018A	H52118A	H52218A	H52318A
Wide	24"	87"	H52024A	H52124A	H52224A	H52324A
Units	30"	87"	H52030A	H52130A	H52230A	H52330A
	2.01					
	36"	87"	H52036A	H52136A	H52236A	H52336A
	36"	87" 87"	H52036A H57612A	H52136A H57812A	H52236A H58012A	H52336A -
۵2″						1
42" Wide	12"	87"	H57612A	H57812A	H58012A	-
42" Wide Units	12" 18"	87" 87"	H57612A H57618A	H57812A H57818A	H58012A H58018A	-
Wide	12" 18" 24"	87" 87" 87"	H57612A H57618A H57624A	H57812A H57818A H57824A	H58012A H58018A H58024A	-
Wide	12" 18" 24" 30"	87" 87" 87" 87"	H57612A H57618A H57624A H57630A	H57812A H57818A H57824A H57830A	H58012A H58018A H58024A H58030A	-
Wide Units	12" 18" 24" 30" 36" 12"	87" 87" 87" 87" 87"	H57612A H57618A H57624A H57630A H57636A H57012A	H57812A H57818A H57824A H57830A H57836A H57212A	H58012A H58018A H58024A H58030A H58036A H57412A	- - - - -
Wide Units 48"	12" 18" 24" 30" 36"	87" 87" 87" 87" 87" 87" 87"	H57612A H57618A H57624A H57630A H57636A H57012A H57018A	H57812A H57818A H57824A H57830A H57836A H57212A H57218A	H58012A H58018A H58024A H58030A H58036A H57412A H57418A	- - - - - -
Wide Units	12" 18" 24" 30" 36" 12" 18"	87" 87" 87" 87" 87" 87" 87" 87"	H57612A H57618A H57624A H57630A H57636A H57012A	H57812A H57818A H57824A H57830A H57836A H57212A	H58012A H58018A H58024A H58030A H58036A H57412A	- - - - - -

Starting

36" Wide Bin Units

Erectomatic Bin Units are for storage of smaller parts and packaged goods. Easy access to materials stored. Save time in locating and picking stock. Models are 36" wide, 87" high in depths shown, and use Heavy Duty Hi-Performance[®] Shelves. Enclosed back and sides. Base Strips included. Bin openings are width x height. Many other sizes are available.





Shelf Box and Ledge Units

Erectomatic Shelf Box Units are ideal for storing for drills, reamers, fasteners, and small parts. Drawers can be easily removed and taken to the work station. All models are 36" wide and 87" high, and use Heavy Duty Hi-Performance[®] Shelves. Bin openings are width x height. Base strip included. Many other sizes are available.

	Openings	Size	Openings	Size	Openings	Size	Openings	Size	Openings	Size	Openings	Size
	8 9 6 2	9" x 9" 12" x 12" 6" x 6" 18" x 12"	3 12 3 2 2	12" x 6" 6" x 6" 12" x 12" 18" x 6" 18" x 12"	36	6" x 6"	-	-	-	-	-	-
	12 Shelf Bo wide with 2		divide 12 Shelf Boxe	w/12 partial rs each. es 5-5/8" wide ividers ea.	48 Shelf Bo wide with eac	2 dividers	84 Shelf Bo wide with ead	2 dividers	56 Shelf Box wide with 2		divide 42 5-5 16 8-7	oxes with 2 ers each: 6/8" wide /16" wide /4" wide
Shelf Depth	Star	ting	Sta	rting	Start	ing	Star	ting	Start	ting	Sta	irting
12" 18" 24"	H53 H53 H53	818	H5	3912 3918 3924	H540 H540 H540	018	H54 H54 H54	118	H542 H542 H542	218	H5	4312 4318 4324
Shelf Depth	Adjo	ining	Adjo	pining	Adjoi	ning	Adjoi	ining	Adjoi	ning	Adj	oining
12" 18" 24"	H538	312A 318A 324A	H53	912A 918A 924A	H540 H540 H540	18A	H541 H541 H541	18A	H542 H542 H542	18A	H54	4312A 4318A 4324A

Erectomatic Ledge Units combine storage space with a work surface. Models are 36" wide and 87" high, and use Heavy Duty Shelves, in the depths shown. Closed units include front base strips. Accessorize to fit your requirement with dividers, label holders, doors, etc., selected from the component parts pages of this catalog.

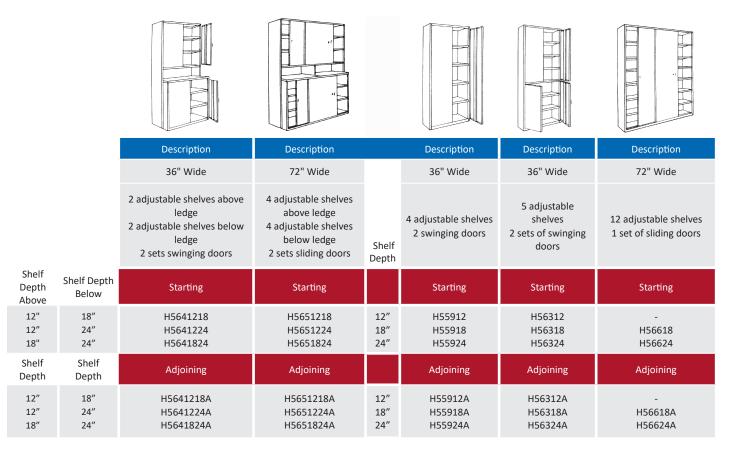
N N N	Ŧ	
V		
VV		

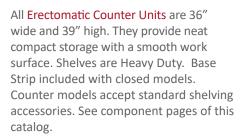


		Description	Description	Openings	Size
	4 adjustable she		4 adjustable shelves	12 1	12" x 9" 36" x 12"
		ledge, 3 below	above ledge, 3 below		with 3″ high bin Iow ledge
Shelf Depth Above	Shelf Depth Below	Starting	Starting	Sta	rting
12"	18″	H5491218	H5501218	H551	1218
12"	24"	H5491224	H5501224	H551	1224
18"	24"	H5491824	H5501824	H551	1824
Shelf Depth	Shelf Depth	Adjoining	Adjoining	Adjo	ining
12″	18″	H5491218A	H5501218A	H551	1218A
12"	24″	H5491224A	H5501224A	H551	1224A
18″	24″	H5491824A	H5501824A	H551	1824A

Counter Units & Cabinet Models

Erectomatic Cabinet Models are completely enclosed with swinging or sliding doors. Doors are equipped with locks to provide security. Swinging doors have a 3-point latching, chrome finished handles, and built-in lock. Sliding doors have cylinder lock; glide on nylon rollers and guides. Models are 87" high, in the widths and shelf depths shown with Heavy Duty Shelves. Base Strips included.





	ų		<u> </u>
	Description	Description	Description
	2 adjustable shelves	2 adjustable shelves	2 adjustable shelves 2 swinging doors
Shelf Depth	Starting	Starting	Starting
18" 24"	H55418 H55424	H55518 H55524	H55818 H55824
Shelf Depth	Adjoining	Adjoining	Adjoining
18" 24"	H55418A H55424A	H55518A H55524A	H55818A H55824A



Cat. No.

Shelving Components

Erectomatic Shelving Components can be ordered in any combination for all kinds of custom applications. Be certain to order shelves and posts of sufficient capacity to hold the maximum expected load (refer to the capacity information on pages 4 and 17).

Posts and panels are available in custom heights (minimum quantity may apply). Contact your representative with your requirements.

Dimensions (inches)	Width	Depth	Height	Cat. No.
Jol al		t of shelvi h adjoinir h. Allows	ng, in singl ng unit. Per independe	e units or in mits full access nt adjustment
	-	-	39	H0023C
	-	-	75	H0026C

7	00
l	0
1	0

Offset Angle Post

Angles for rear of single or end units. Slotted on 1-1/2" centers to permit easy shelf adjustment.

-	-	39	H0043C
-	-	75	H0046C
-	-	87	H0047C
-	-	99	H0048C
-	-	123	H00410C

87

99

123

H0027C

H0028C

H00210C

T-Post



Constructed by spotwelding two offset angle posts together. Use at rear of shelving when adjoining units are added to form a continuous row.

-	-	39	H0063C
-	-	75	H0066C
-	-	87	H0067C
-	-	99	H0068C
-	-	123	H00610C



Foot Plate, Erectomatic Post (zinc plated)

1/8" thick with mounting bracket for bolting to post. Has 7/16" diameter hole for floor anchor bolts. Includes hardware to fasten to post. If shims are required, use shim No. H026 (page 12).

> 2-1/4 3-1/2 H050H

Heavy Duty Footplate

for Beaded, Angle and Tee Posts - 7 ga.



Includes two mounting brackets and intended for use in high seismic areas or in conditions where post loading is intended to be spread over a larger area, such as on a mezzanine/work platform elevated deck. Footplate is drilled to accept 3/8" floor anchors, and can be used with 9281 3/8"x 3-3/4" wedge anchors to meet IBC 2003/2006 building code requirements in high seismic areas.

> 2-3/8 5-1/2 1ACX326H

Heavy Duty Shim - 7 Ga.

Fits under 1ACX326H footplate for leveling as needed.

2-3/8	5-1/2	-	1ACX330

Concrete Floor Anchor





3/8 2-1/4 9280 3-3/4 9281 3/8



Splice Channels for Beaded,

Angle and T-Post Used when splicing posts. Splice and aisle supports use common hardware. Replaces Part No. H009H

HXAS071H

End Panel (welded 1 piece)

Welded one-piece construction for easy assembly. Consists of beaded front post, offset angle post and one-piece side panel welded together on 6" centers. For left or right ends of single units or row ends.



12	39	H0921203C
12	75	H0921206C
12	87	H0921207C
12	99	H0921208C
12	123	H0921210C
15	87	H0921507C
18	39	H0921803C
18	75	H0921806C
18	87	H0921807C
18	99	H0921808C
18	123	H0921810C
24	39	H0922403C
24	75	H0922406C
24	87	H0922407C
24	99	H0922408C
24	123	H0922410C
30	87	H0923007C
36	87	H0923607C

Cat. No.

12015S

12019S

12026S

12034S

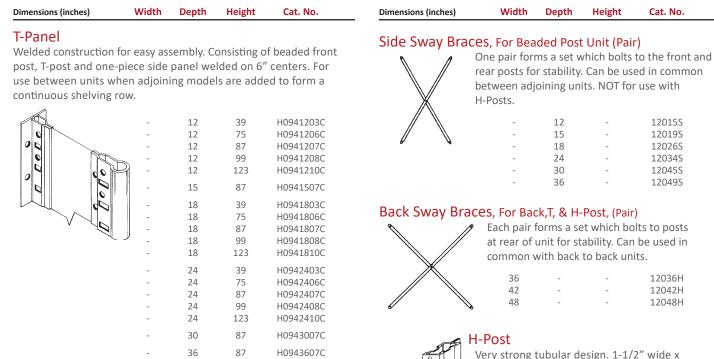
12045S 12049S

12036H

12042H

12048H

Shelving Components





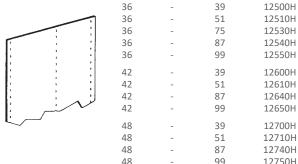
Ledge Panel

For converting open or closed type shelving models to ledge models. All-welded construction. Combines beaded front post and preformed panel into a one-piece unit. Ledge panel cover is included.

-	6	39	H0120306H
-	12	39	H0120312H
-	18	39	H0120318H

Back Panel

Punched on 1" centers at vertical edges and center for mounting to back of posts and shelves. 36" wide backs are furnished in 1 piece through 87" high; above 87" they are split horizontally. 42" & 48" wide backs are furnished in 1 piece through 51" high; bove 51" they are split horizontally. Includes back clip and hardware.



D Foot Plate,

H-Post, Light/Medium Duty

Mounting bracket welded to top for bolting inside H-Posts. Base plate has 7/16" diameter hole for floor anchor bolts.

> 3-1/2 2 - 1/4H025H

Foot Plate, H-Post, Heavy Duty



U

0

0

Mounting bracket is welded to top for bolting inside H-Post. Base plate is 3/8" thick and has four 7/16" diameter holes for receiving the embosses in shim plate (No. H016) and for floor anchor bolt.

> Δ 3-1/2 H015H

Shim Plate, For Foot Plate, Light/Medium Duty



Fits under foot plate (Cat. No. H025H or H050H) for leveling. Has (1) 7/16" diameter hole which aligns with hole in foot plate to permit anchoring to floor.

> 3-1/2 2-1/4 H026

Very strong tubular design. 1-1/2" wide x 2-15/16" deep in heights shown. Used in front and rear post positions. Sides slotted on 1-1/2" centers for shelf clip adjustment. Has more load carrying capacity than beaded or angle posts.

-	87	H0037C
-	99	H0038C
-	123	H00310C
-	147	H00312C

12650H 12700H 12710H



Shelving Components

Dimensions (inches)	Width	Depth	Height	Cat. No.		
	H-Post, Heavy Duty Fits under foot plate (Cat. No. H015H) for leveling.					
•	Has (2) 7/16" diameter holes which align with footplate holes to permit anchoring to floor.					

4 3-1/2 - H016

Side Panel, H-Post

Provides closed side panels sections where desired. Punched on 6" centers for mounting to front and rear H-Posts. Attach $1/4 \times 20$ pan head screws (included).

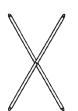
-	18	39	H0911803H	
-	18	87	H0911807H	
-	24	39	H0912403H	
-	24	87	H0912407H	
-	36	39	H0913603H	
-	36	87	H0913607H	

Connector Strip, For H-Post Back

For connecting Back Panels or braces to rear H-Posts; punched on 1" centers. 2-1/16" wide pieces are for back posts at row ends. 3-1/8" wide pieces are for adjoining intermediate back posts, and are punched at outside vertical edges & center. Hardware included.

2-1/16	-	39	H1143H
2-1/16	-	51	H1144H
2-1/16	-	87	H1147H
3-1/8	-	39	H1153H
3-1/8	-	51	H1154H
3-1/8	-	87	H1157H

Side Sway Braces, H-Post (Pair)



Each pair forms a set for connecting front and rear H-Posts for stability. Can be used in common with adjoining unit (for H-Posts ONLY).

12	-	H34112H
15	-	H34115H
18	-	H34118H
24	-	H34124H
30	-	H34130H
36	-	H34136H

Splice, H-Post



For use in multi-level and high rise shelving. Fits inside two connecting H-Posts. Punched for bolting. Maintains post strength at the splice without interfering with clips or other accessories. Hardware included.

- - 9-3/4 H010H

Dimensions (inches)	Width	Depth	Height	Cat. No.	
Combination Cli	р, H-Ро	st (zinc p	plated)		
Mounts to rear H-Posts to provide anchor point					
fc	or back sw	ay braces	. Also used	to connect	
H (-Posts and	d commor	n back pane	els or common	



for back sway braces. Also used to connect H-Posts and common back panels or common back sway braces together in back to back models. Hardware included. Not for use in high seismic areas.

H027H

Support Brace for Bottom Shelf (For Class 3 Only)



Used only on Class 3 bottom shelves to support center support hat section. Positioned in center of shelf; rests on floor. Includes hardware.

5-1/8	2-1/16	1-3/4	H131H

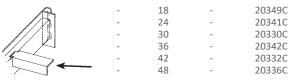
H-Post Beams

Beams with H-Post end connectors for use with plywood decking. Support Angle(s) are required (see below).

	26 4 12			000000
	36-1/2	-	-	900036
	42-1/2	-	-	900042
	48-1/2	-	-	900048
	72-1/2	-	-	900072
	84-1/2	-	-	900084
15	96-1/2	-	-	900096

Plywood Support Angles (For H-Post Beams)

Use 1 for 36" & 42" 2 for 48", 3 for 72" & 84", 4 for 96" Beams.



Counter Top

Heavy duty steel working surface with cornice at front and rear. Use End Caps for finishing cornice on ends. Hardware included.

36 36	13 24		H1953618H H1953624H		
Standard H-Post Beam Capacities (With Support Angles)		36-1/2 42-1/2 48-1/2 72-1/2 84-1/2 96-1/2	2500/Pr. 2500/Pr. 2500/Pr. 1760/Pr. 1500/Pr. 1350/Pr.		
All Capacities are based on uniformly distributed loads in nounds					

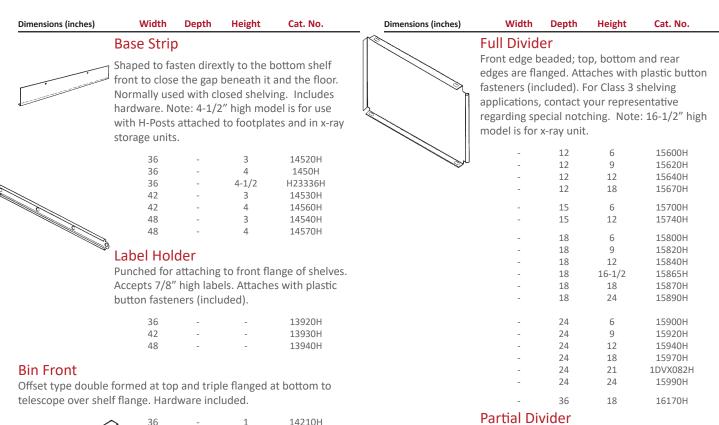
All Capacities are based on uniformly distributed loads in pounds.

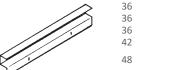
End Caps for Counter Top, (Pair)

			xtreme ends of n pairs; hardware
-	18	-	H20118H
\$ -	24	-	H20124H
Base Strip		***.	hottow shalf

Shaped to fasten directly to the bottom shelf

Accessories





36	-	1	14210H
36	-	2	14220H
36	-	3	14240H
12	-	3	14340H
18	-	3	14440H



Partitions shelves from front to rear. Flanged and punched for shelf attachment. Has rounded top corners for safety. Attaches with plastic button fasteners (included).

12	2	16395H
12	4	16410H
18	2	16397H
18	4	16430H
24	4	16440H

Sliding Divider, For Box Formed Shelf

Formed to fit around front and over rear edges of shelf. Can be positioned horizontally anywhere along shelf surface. No hardware required.



12	4	1H4124C
12	6	1H4126C
18	4	1H4184C
18	6	1H4186C
24	4	1H4244C
24	6	1H4246C



Accessories & Miscellaneous Hardware

		Denth	Usisht	Cot No			Death	Usisht	Cat Na
Dimensions (inches)		2 Keys he factory y. Includes handle and	3-point la 12 keys. C	atch system an be used on	Miscella Parts &			Height	Cat. No.
	-	Clips requi	ired for at	p to 87" high. taching doors to H3003636 H3003648 H3003684 H3004836 H3004884		Shelf Clip One piece cc sets of 4 with pieces for re	ompressio h each she	n clip that i elf ordered.	
	Sliding Do With Lock & Flanged on al slide on quiet and guides. C lock w/keys, I clips. Designe with shelf at for attaching separately. 72 72	a 2 Keys I 4 sides and t, smooth-n complete w mounting of ed for use of top. 12 Un	running n vith groov channels { on side by iversal Cli	ylon rollers ed key cylinder & universal side models ps required		Holds back p from bowing here for repl - Universal Six clips requ Twelve clips	t the botto sert in hol panel to sh g. Normall acement o - - Clip, To uired to m required f	om flange o es in cente elf and pre y shipped v use only. Mount Do ount swing or sliding d	r of back panel. vents panel vith backs; order H120C DORS ing doors. oors. Not
						included with	-	-	H315H
Touchup I	Paint				U	as dividers a	nd label h	olders. Nor	essories such mally included placement only.
Spray Paint, 12 012 Tawny Tan 021 Gray Ash 028 Gray 052 Reflex Blue 054 Canvas 055 Shamrock 056 Sunburst 058 Nordic Purple 073 Champagne 701 Spray Green 710 Sage Brush Yellov 715 Lake Blue 720 Mandarin Orange	97012 97021 97028 97052 97054 97055 97056 97058 97058 97073 97701 97710 97710	723 Ligh 736 Bur 767 Car 806 Ma 812 Hur 822 Reg 826 Slat 848 Jan 949 Jet	gundy dinal Red rine Blue nter Green gal Blue te Blue uary White	97949		Pan Head (sold in qua 1/4-20 x 1/2 1/4-20 x 1/4 1/4-20 x 1/2 (Grade 5) 1/4-20 He (sold in qua Grade 5	entity of 1	LOO) - - - - LOO) - -	8401 8412H 8410H 8409H 8412G5H 8473H 8473G5H
						-	-	-	8408H

I III I

市路町町

Hi-Performance[®] Shelves

Erectomatic[®] Hi-Performance[®] Shelves maximize load handling capacity through a design which shapes the front and rear flanges into rigid tubular box beams. The box shape provides two vertical surfaces in each box-flange that inherently give it a high strength-toweight ratio. Additional reinforcing bars or angles are not used with Hi-Performance shelves.

The shelves are efficiently manufactured from high strength cold rolled steel on a modern automated roll forming mill.

For additional strength, front and rear flanges are welded to the underside of the shelf on 3" centers. Shelf corners are lapped and welded.

Shelves are available in a wide variety of sizes shown below in the capacity chart. All shelves are punched on 1.5" centers to accept shelving accessories such as dividers, label holders and bin fronts.

	Erectomatic [®] Hi-Performance [®] Shelves and Capacities						
				- Standard			
		Class 1 Heavy Duty High Strength Steel		Class Extra Heav High Streng	Class 3 Extra Heavy Duty With Reinforcing*		
Unit Width	Unit Depth	Cat. No.	Capacity	Cat. No.	Capacity	Capacity	
	12″	H1203012C	-	-	-	-	
20"	15″	H1203015C	-	-	-	-	
30"	18″	H1203018C	-	-	-	-	
	24″	H1203024C	-	-	-	-	
	12″	H1203612C	800 lb	H1183612C	1100 lb	-	
	15″	H1203615C	800 lb	H1183615C	1100 lb	-	
26"	18″	H1203618C	850 lb	H1183618C	1200 lb	2000 lb	
36"	24"	H1203624C	800 lb	H1183624C	1250 lb	2000 lb	
	30″	H1203630C	500 lb	H1183630C	900 lb	2000 lb	
	36″	H1203636C	500 lb	H1183636C	900 lb	2000 lb	
	12″	H1204212C	600 lb	H1184212C	1100 lb	-	
	15″	H1204215C	600 lb	H1184215C	1100 lb	-	
	18″	H1204218C	600 lb	H1184218C	1050 lb	1600 lb	
42″	24″	H1204224C	600 lb	H1184224C	900 lb	1600 lb	
	30″	H1204230C	625 lb	H1184230C	1000 lb	1600 lb	
	32″	H1204232C	525 lb	H1184232C	950 lb	1600 lb	
	36″	H1204236C	475 lb	H1184236C	900 lb	1600 lb	
	12″	H1204812C	500 lb	H1184812C	750 lb	-	
	15″	H1204815C	500 lb	H1184815C	850 lb	-	
48"	18″	H1204818C	500 lb	H1184818C	900 lb	1200 lb	
48	24"	H1204824C	500 lb	H1184824C	900 lb	1200 lb	
	30″	H1204830C	500 lb	H1184830C	750 lb	1200 lb	
	36″	H1204836C	500 lb	H1184836C	750 lb	1200 lb	

* Class 3 Capacities are based upon the use of Extra Heavy Duty Shelves with (A) Side Shelf Supports and (B) Center Support for additional capacity. Must use nuts and bolts for shelves, not clips. All shelves are supplied with Erecotmatic Clips. All shelf load capacities are in pounds for evenly distributed loads, and include a safety factor of 1.65.

A. Class 3 Side Shelf Support (pairs)

Used to support Center Support in Class 3 applications.

A

Class 3 Side Shelf Support				
Unit Depth	Cat. No.			
18"	1H830H			
24"	1H840H			
30"	1H850H			
36″	1H860H			

B. Class 3 Center Support

Runs left to right beneath the mid-point of the shelf for conversion to Class 3. Supported by side shelf supports.



Class 3 Center Support				
Unit Width	Cat. No.			
36"	H13736C			
42"	H13742C			
48"	H13748C			



Multi-Level Shelving



Penco Erectomatic Shelving Systems

Using standard components, Penco Erectomatic Shelving can be designed and configured to overcome a number of storage problems. By going UP and not OUT, tall shelving systems take advantage of factory space by capturing overhead area that is lighted, heated and paid for, while allowing valuable floor space to be used for more profitable activities.

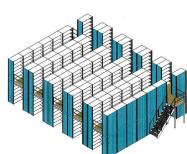
With Erectomatic Flush Beaded Front Posts, or H-Posts for extreme loading and seismic applications, shelving systems can be built vertically. We can also supply pre-engineered components, elevated walkways, stair structures and handrails designed to meet local, state or federal codes. In Hi-Rise applications where free-path man-aboard order picking equipment is used, guide rail and cross-aisle top-ties are used to keep the structure sound.

Shelving systems can be designed as "closed" installations with solid backs and welded side panels, or as "open" style structures that are held together with side and rear sway bracing. For "pass through" order picking, H-Post with beams and a variety of decking choices are available.

All Penco Erectomatic High Performance Storage Systems are available with drawings that have been reviewed and approved by a structural engineer licensed in the state where the installation will take place. Three-Level Structure -153 Units per Level

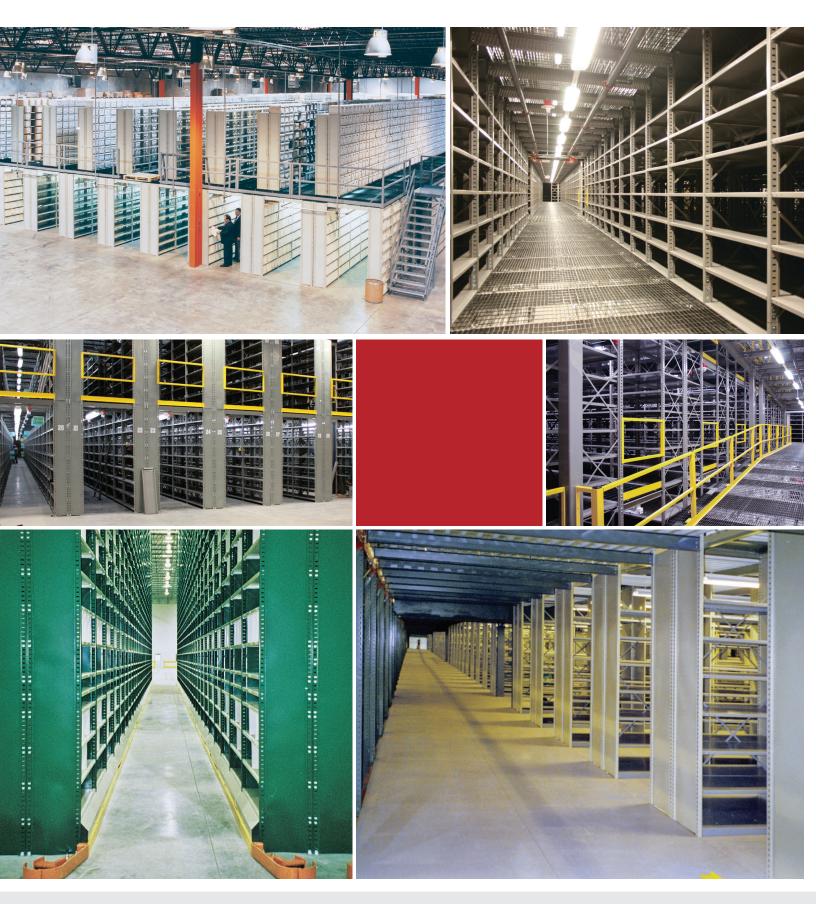
High-Rise Picking System

Shelving Supported Mezzanine/Work Platform



Two-Level Structure- 70 Units per Level

Installations



IYGIENE PRODUCTS



@ P E N C O P R O D U C T S



PENCO PRODUCTS, INC. | 1820 Stonehenge Drive, Greenville, NC 27858 Phone: 800-562-1000 | Fax: 800-248-1555 | general@pencoproducts.com

(C) COPYRIGHT 2021 PENCO PRODUCTS, INC.

ERECTOMATICCATALOG AUGUST 22 2023