



The Hand Load Storage System Using Interlocked Boltless Components

This section illustrates just a few of the wide variety of uses for E-Z-Rect shelving in both commercial and industrial applications. Shelving is used in support of each material handling function associated with receiving, production, storage, order picking and for the retail sector – stockroom storage and merchandise display. E-Z-Rect also recognizes the increased concern for earthquake protection and is designed to be easily engineered to meet your local building code requirements.



Whether you are searching for shelving or answers to storage problems, let our experienced representatives or E-Z-Rect Distributors apply their expertise to suit your needs.

E-Z-Rect's versatile shelving system allows you to better organize and control inventories saving valuable floor and shelf space. Our unique design is fully adjustable and accessible from both sides.

Archival and Record shelving is designed to accommodate any size carton or storage container providing for

maximum storage density and easy access.

Our project design team is pleased to offer layout and engineering assistance to meet your specific requirements.

E-Z-Rect is suitable for manual or mechanically assisted mobile systems providing full use of floor space. Only one access aisle is required to service several rows of shelving. Increase Productivity – High density storage provides maximum utilization of cubic area thereby increasing efficiency by reducing the distance traveled to perform the storage and retrieval functions.



Versatile, instant adjustability and attractive appearance combine to make E-Z-Rect an excellent choice for retail display. An additional benefit is the reduced cost when compared to typical store fixture designs. Simple interlocking assembly without NUTS, BOLTS, or RIVETS ensures fast installations and big savings in time and labour cost. User friendly, no special tools or skilled trades people are required.

Shelves are fully adjustable on 2" centers giving the retailer the flexibility of change on demand. E-Z-Rect is so attractively finished, it can be used practically anywhere! E-Z-Rect components are packaged in clear shrink-wrapped poly-film assuring a clean product every time. In addition, poly-film provides protection against weather and shipping damage.

Load Capacities (in lbs.) Maximum evenly distributed static load per pair of connectors

Shelf Length	30"	36"	42"	48"	60"	66"	72"	96"
PB Frame Connectors	-	400	340	300	150	-	-	-
B Frame Connectors with L Tie & O Shelf Support	-	700 1400	620 1100	550 900	400 530	-	-	-
WB Frame Connectors with WT Combination Tie Bar & Shelf Support	-	1200 1800	1050 1640	950 1500	700 1200	575 1030	480 900	-
HD Frame Connectors with WT Combination Tie Bar & Shelf Support	-	1650 2000	1550 1950	1400 1900	1000 1700	900 1600	800 1500	450 900*
XHD Tube Frame Connectors with WT Combination Tie Bar & Shelf Support	-	-	-	-	-	-	-	-
	-	-	-	2400	2400	2400	2400	1700*

- Connectors are designed for an overall Safety Factor of 1.66 to 1 which conforms to AISI Standards. Deflection is limited to $l/140$ for spans.

* Two WT Combination Tie Bar and Shelf Supports must be used.

Load Capacities (in lbs.) Maximum evenly distributed static load per connector.

Shelf Length	30"	36"	42"	48"	60"
MHD Mezzanine Heavy Duty	-	1500	-	1500	1200
MXD Mezzanine Extra Heavy Duty	-	1850	-	1850	1650
CHD Catwalk Heavy Duty	1500	1500	-	1500	1200

- Mezzanine and Catwalk connectors are designed for an overall Safety Factor of 1.66 to 1 which conforms to AISI standards. Deflection is limited to $l/180$ for spans.

- Loads stated above are for one connector.

Load Capacities, Metal Shelf Panels and Sectional Shelves (in lbs.) Maximum evenly distributed static load.

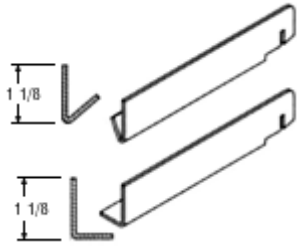
Metal Shelf Panel (Length)	36"			48"			60"	
	24 ga	20 ga	18 ga	24 ga	20 ga	18 ga	24 ga	20 ga
12"-24" depth with C Shelf Rest	-	-	350	-	-	300	-	-
12"-36" depth with B Frame Connectors	-	-	600	-	-	500	-	-
12"-36" depth with B Frame Connectors Shelf Supports & Tie Bars	-	-	1200	-	-	800	-	-
Sectional Shelf								
12" with Shelf Rest & Shelf Bars	300	400	-	200	300	-	180	270
18" with Shelf Rest & Shelf Bars	450	600	-	300	450	-	270	405
24" with Shelf Rest & Shelf Bars	600	800	-	400	600	-	360	540
30" with Shelf Rest & Shelf Bars	650	650	-	500	650	-	450	675
36" with Shelf Rest & Shelf Bars	575	575	-	575	575	-	540	575
48" with Shelf Rest & Shelf Bars	425	425	-	425	425	-	425	425

- Shelves are designed for an overall Safety Factor of 1.66 to 1 which conforms to AISI Standard on shelves. Deflection is limited to $l/140$ for spans.

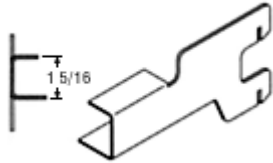
- For heavier loads and longer lengths add frame connectors, tie bars and shelf supports using load capacities on first table.

- We recommend every company adopt a shelving safety and maintenance policy. For more information please contact E-Z-Rect Manufacturing Ltd.

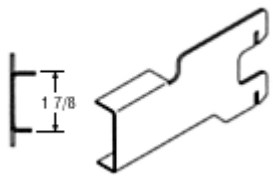
PB/PBL Frame Connector



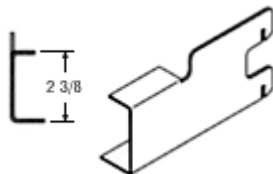
B Frame Connector



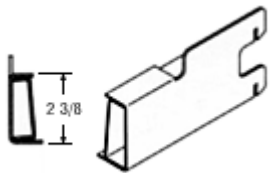
WB Frame Connector



HD Frame Connector



XHD Frame Connector



Shelf Bar or Garment Rod Support



WT Combination Tie Bar/Shelf Support



Only Four Basic Components

1. Post

2. Post Connectors

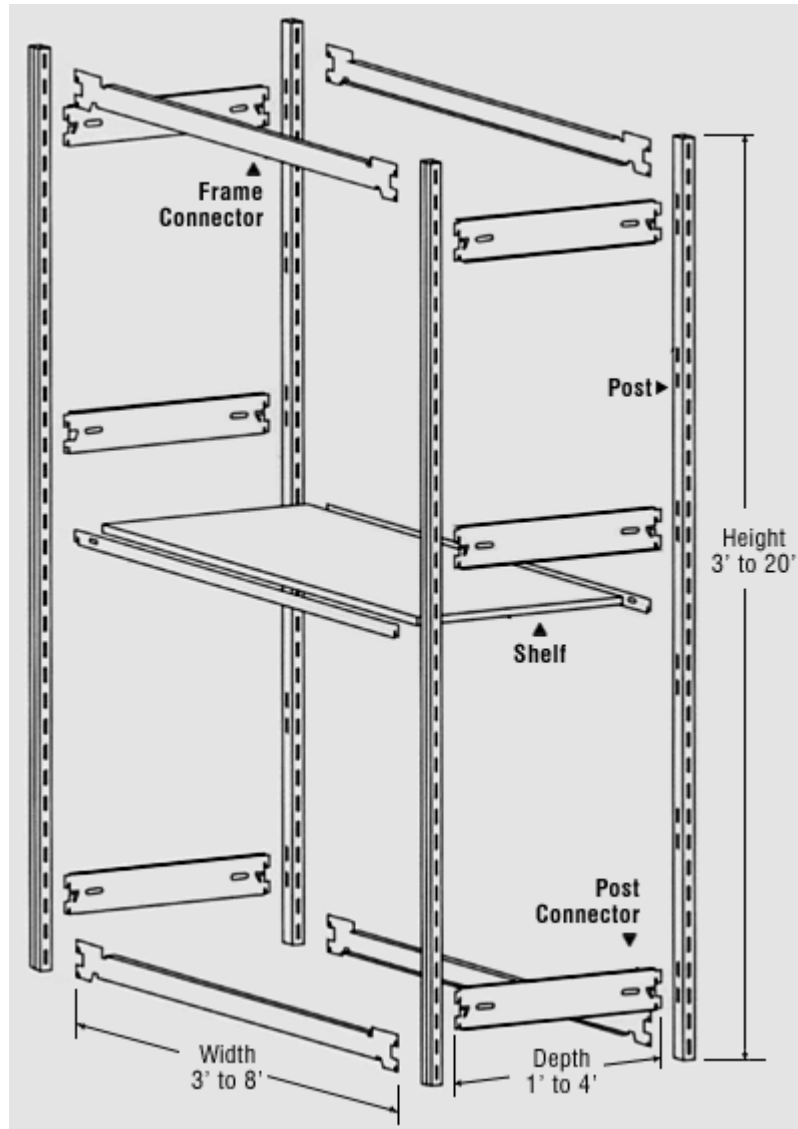
(Connects 2 posts to make an End Frame.)

3. Frame Connectors

(Joins end frame together & supports metal or particleboard shelf.)

4. Shelf

(Supports shelf load.)

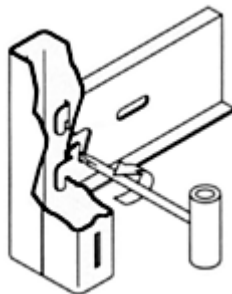


■ There's only 4 basic parts to assemble your shelving needs with a full range of accessories to suit any specific requirement.

■ Instant adjustment on 2" centers to desired shelf level. Attractively finished in standard grey electrostatic baking enamel. Special colours are available upon request.

■ E-Z-Rect's design allows for full use of shelf width. Therefore, when designing shelving layout allow the following creepage to accommodate the outside frame dimensions.

Post Connector



Features new easy to lock or unlock post connector. Use a common screwdriver or chainsaw wrench to twist locking tab.

■ 1 1/4" (32mm) for depth of unit

■ 1 1/2" (38mm) for length of each frame used in a shelving run.