

# Erectomatic®

## Shelving Specifications

**General:** All shelving shall comply with SMA and ANSI MH 28.1-1982 and in addition shall have the following characteristics:

**POSTS** - All posts shall be 14 gauge with 3/8" x 7/8" slots punched on 1-1/2" vertical centers for shelf adjustment using non-intrusive compression clips. Sway braces shall be attached to the post with nuts and bolts that shall not interfere with shelf adjustment.

**BEADED POST** - Shall be 14 gauge 11/16" wide x 2-9/16" deep overall. Units to have front beaded posts. Beaded posts used on open units shall have legs spot welded together on 6" centers for added strength. Legs shall be punched on 3" centers for the attachment of side sway braces.

**ANGLE POSTS** - Shall be 14 gauge side leg 2-5/16" wide, rear leg is 1-3/16". Post to be offset angle shape. Starter units shall have rear angle posts. Flanges shall be punched on 3" centers for the attachment of side and back sway braces.

**TEE POSTS** - Shall be two angle posts spot welded together on 6" centers. Adder units shall have rear T posts.

**END PANELS** - Closed starter units shall have end panels. Each end panel shall consist of one beaded post, one angle post and one 24 gauge side sheet spot welded on 6" centers.

**INTERMEDIATE PANELS** - Shall be the same as end panels except they shall have 2 angle posts and shall be furnished on closed adder units.

**BACKS** - Shall be 24 gauge with holes on 1" centers for bolting to angle or tee posts.

**SWAY BRACES** - Shall be 12 gauge x 3/4" wide ends punched for bolting to posts. Also punched in the middle for bolting to each other for strength and ease of installation.

**SHELF CLIP** - One piece 13 gauge compression type independently adjustable. Each clip shall bear on the edges of two post notches and provide a minimum of 1-1/2" of bearing. Zinc plated. Provide four independently adjustable clips per shelf.

**SHELVES** - Shelf shall have a 1-1/4" face on all four sides. Front and rear flanges shall have a 3/4" wide box formation with return flanges spot welded to the shelf bottom on 3" centers. Sides shall have a 5/8" 90° return flange. Corner shall be lapped and spot welded. Medium and heavy duty shelves shall have ribs in the tabs to keep shelf clips snug. Shelves shall be punched for dividers on 1-1/2" centers.

Shelves shall be furnished in medium duty, heavy duty or extra heavy duty to meet the specified capacity.

**SHELF REINFORCING** - Shall consist of 13 gauge side shelf supports tabbed to fit into clip slots and 14 gauge center shelf supports. Center support shall be held in place by engaging the side shelf supports. Shelf reinforcing shall be furnished when specified shelf capacity exceeds the rated capacity of the extra heavy duty shelf.

**SHELF DIVIDERS** - Shall be 24 gauge through 20" high; over 20" high dividers shall be 20 gauge. Fronts of dividers shall have a 5/16" diameter bead. Top, bottom and rear flanges shall be 7/8". Dividers shall be held in place with plastic buttons.

**ANGLE DIVIDERS** - Shall be 18 gauge and held in place with plastic buttons.

**SLIDING DIVIDERS** - Shall be 20 gauge. Divider portion shall be sloped at 45° at the front with a 1/2" radius at the front corner.

**BASE FRONT** - Shall be 18 gauge and attached to the shelf by bolting.

**BIN FRONTS** - Shall be 18 gauge and attached to the shelf by bolting. Bin fronts shall be 1", 2" or 3" high.

**FOOT PLATES** - Standard duty foot plate for Beaded, Angle and Tee Post foot plates shall be 2 1/4" x 3 1/2" x 12 ga. with a bracket welded on top. Plate has a 7/16" diameter hole for anchoring and an embossment for shim alignment.

Heavy duty foot plate for Beaded, Angle and Tee Post Footplates are 5 1/2" x 2 3/8" x 7 ga. with two brackets on top. Plate has two 7/16"

diameter holes for anchoring.

**COUNTER TOPS** - Shall be 14 gauge with a 2" high face and 13 gauge counter end finishing caps attached with concealed nut and bolts.

**SHIMS** - Shims for use with standard duty foot plates shall be 2 1/4" x 3 1/2" and 16 ga., with 7/16" diameter hole and embossment same as for footplate.

Heavy duty foot plate shims for use with heavy duty foot plate and are 5 1/2" x 2 3/8" x 7 ga. Shim has two 7/16" holes that correspond with holes in the Heavy Duty Foot plate for anchoring.

**SWINGING DOORS** - Door and frame assembly complete with 3 point locking, chrome plated turn handle with built in lock with two keys. Doors are 20 gauge with reinforcing pans. Frames 16 gauge. Each pair of doors cover one shelving unit.

**SLIDING DOORS** - Shall be 22 gauge doors with 18 gauge reinforcing pans welded inside door. Includes a cylinder lock, 2 keys, nylon rollers and glides, and recessed handles. Side frame members shall be 20 gauge. Top and bottom frame member each shall be two piece 18 gauge assemblies. Sliding doors shall be 72" wide and cover two 36" wide shelving units.

**SHELF BOXES** - Shall be 20 gauge 4-5/8" high with an integral rigid curled handle on the box front. Box front and rear panel shall be punched for card holders, sides punched for 1" divider adjustment.

**SHELF BOX DIVIDER** - Shall be 20 gauge punched for card holders.

**POST SPLICE CHANNEL** - Shall be 16 gauge and formed into a channel shape. Center of channel shall be punched with three holes for assembling to upper and lower post. Used whenever posts are to be spliced to achieve added height.

**H-POST** - 14 gauge pickled and oiled steel. Post is 1-1/2" O.A. wide x 2-1/4" deep plus a rear flange of 11/16". Rear flange is punched with 5/16" diameter holes on one leg and 13/64" diameter holes on the opposite leg. Holes are on 3" centers for attaching sway braces or side panels.

**H-POST SIDE PANELS** - 24 gauge. Both vertical sides are punched with 9/32" x 9/16" slots on 3" centers.

**H-POST SPLICE** - 16 gauge with six 11/32" diameter holes. Part consists of two pieces each formed into a special channel shape and spot welded together. Assembly forms a splice with overall dimensions of 1-5/16" wide x 2-1/32" deep x 9 3/4" high.

**H-POST FOOT PLATE** - Heavy Duty foot plate consists of a 3-1/2" x 4" plate with four 7/16" diameter holes and a 12 gauge 2" wide channel 1 1/8" web with 1-3/4" legs. Channel web has a 5/8" diameter hole, each leg has a 9/32 x 7/16" slot. Channel is plug welded to the plate through the 5/8" diameter hole.

Light/medium duty foot plates are the same as above except the plate is 2-1/4" x 3-1/2" with one 7/16" diameter hole and one 3/8" diameter embossment.

**H-POST SIDE SWAY BRACES** - 12 gauge x 3/4" hot rolled pickled & oiled steel. Braces are punched at each end and in the middle with 3/16" diameter holes. Use 1/4 x 1/2" truss head bolts and hex nuts.

**SHIM PLATE HEAVY DUTY** - 4" x 3-1/2" x 16 gauge with two 7/16" diameter holes, one 27/32" long x 7/16" wide slot and one 3/8" diameter.

**SHIM PLATE LIGHT/MEDIUM DUTY** - 2-1/4" x 3-1/2" x 16 gauge with one 7/16" diameter hole and one 3/8" diameter embossment.

**CONNECTOR STRIPS** - Connector strips fasten to H-posts with Tek screws then the back panel is fastened to the connector strip. Starter unit connector strips are 14 gauge, 2-1/16" wide with two rows of 5/16" diameter holes on 1" centers. Adder unit connectors are 14 gauge, 3-1/8" wide with three rows of 5/16" diameter holes on 1" centers.

