

# R3000

## SHELVING SPECIFICATIONS

### **The Posts...**

The Schaefer post is designed using state-of-the-art roll forming technology. It is made using a double box configuration (1-3/16" x 2-3/8"). The closed, galvanized seamless post is welded on the inside using a refracted welding process.

The post can be manufactured up to 33 feet in continuous length, which offers significant structural advantages when used in multi-level applications such as the ability to create a catwalk at any point on the post.

Our industry exclusive pre-punched lug design allows easy insertion of a shelf in 2" increments without the aid of nuts, bolts, clips or any tools. The unique design allows the 20-gage post to achieve a capacity of 10,000lb. per bay regardless of height.

### **The Shelves...**

Two unique shelf styles are available depending on the capacity desired. Both box styles incorporate a lap and welded seam design with reinforced corners, which makes the shelves particularly strong and resistant to twisting.

The single box supports 600 lb. and the double box, the only one of its kind available on the market, supports 1000 lb. All shelves are slotted at 1-1/2" intervals for drop-in dividers.

Shelves simply drop onto pre-punched lugs on the post. Our proprietary design permits the shelf to be tilted at a 6 or 12 degree angle simply by raising the back of the shelf one or two lug positions. A grey, water-based, baked enamel finish gives the shelf excellent durability and an outstanding appearance.

### **The Closures...**

Wire mesh, an industry exclusive, is made from 10-gage galvanized wire with a 2" square pattern. The force of the shelves holds both the back and side interior panels in so no nuts, bolts, or tools are required to install. The row ends and perimeter panels require clips and/or brackets.

Solid galvanized panels are made from 20-gage, corrugated steel. The side panels are of a two-piece design and the back/center panels are three pieces to reduce shipping costs and increase ease of installation.

The side panels implement a unique design in which pre-formed tabs on the panels fit into notches on the post. The interlocking corrugated back/center panels are held in by the compression of the back-to-back bays. Perimeter bays require brackets.

### **The Cross Braces...**

Cross bracing is required on the first bay and every third bay thereafter to increase lateral stability. The rod and turnbuckle style braces easily hook into slots on the post and require only hand tightening to secure them to the bay.

### **The Dividers...**

Dividers are available to sub-divide or pigeonhole the shelves. Both full and half height are available. Both styles are made from 22-gage steel with reinforced edges and tabs.

Dividers simply drop into pre-punched slots in the shelves without the need for grommets, clips, bolts or screws

### **The Drawers...**

Adding drawers easily turns basic shelving bays into modular small parts storage systems. They feature ball bearing roller tracks for easy operation even when fully loaded. The 150 lb. capacity drawers are available in 4 inch and 8 inch heights.

Installation is quick and easy, as simple as dropping the drawer tracks onto the pre-punched lugs (a tech-screw is required at the rear). Drawers are painted dark grey.

### **The Bin Fronts...**

Bin fronts are used to keep loose or small parts from falling off the front of the shelf and are required when tilting the shelves. They are available in heights of 1-1/2" and 3-1/2".

Bin Fronts are made from formed steel and install by dropping onto the front of the bay. Again, no tools or hardware are required.

### **The Doors...**

Lockable, double swing doors are offered in two sizes, full height (82-1/2" for 85" bays) and reduced height (72-1/2" for mezzanine applications). Doors feature a recessed locking handle and are easily adjustable.

Made from heavy gage steel, the doors install with only four screws. Finish is a grey, hammer baked enamel finish.

### **Additional Accessories...**

The RT3000 Shelving System accommodates the broadest range of accessories offered to meet your changing needs without a substantial reinvestment. It is the foundation for the most sophisticated range of options available, including many designed for automotive applications. A few of the many accessories are listed below.

- Tire beams (widths to 79-1/2")
- Bulk beams (widths to 79-1/2")
- Garment rods
- Padded cross beams
- Vertical dividing rods
- Horizontal dividing rods
- Hooks and hangers
- Drawer dividers
- LW trays (replaces shelves)
- Rear shelf stops

### **Additional Services...**

Schaefer Systems is fully equipped to handle all of your engineering and consulting needs, installations and any seismic requirements. Please contact your local representative for details or for information on any products or services not covered here.