

R4000 Shelving



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R4000 Single Bay Shelving 85 1/2

R4000 is a highly engineered system designed with the future in mind. R4000 is based on the Starter / Add-on principle, providing excellent flexibility for expansion, including multi-tier installations.

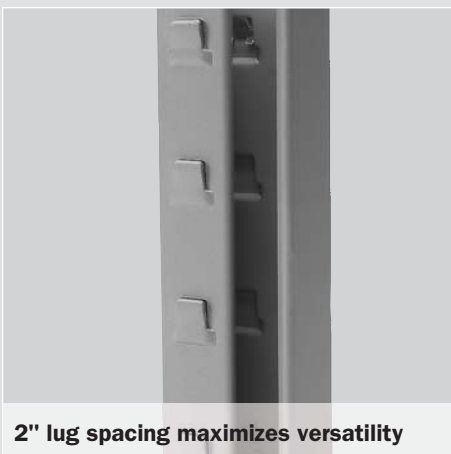
- Starter bay includes four corner posts
- Add-on includes two corner posts
- Unique to the industry - no nuts, bolts or tools are required for assembly
- **Shelves simply slide in and fit onto prepunched lugs in the posts, which take the place of commonly used clips or nuts and bolts**
- The shelves can be rapidly re-arranged due to unique Schaefer design
- Lugs on the posts are spaced 2" apart for a wide range of storage options
- Designed for strength, high load bearing capacity:
Starter: 7,500 lbs.
Add-on: 5,500 lbs.
- For better visibility and ergonomic picking of stored items, shelves can tilt at either 6° or 12° angle

Single Bays

| Bay Depth | 39" Width Starter | 39" Width Add-on |
|-----------|-------------------|------------------|
| 12" | R4TB.1239SK | R4TB.1239AK |
| 16" | R4TB.1639SK | R4TB.1639AK |
| 20" | R4TB.2039SK | R4TB.2039AK |
| 24" | — | — |
| 32" | — | — |

Cross Bracing

| Bay Height | Bay Width | |
|------------|-----------|--------|
| | 39" | 50.5" |
| 85.5" | CB3985 | CB5085 |



2" lug spacing maximizes versatility

Posts

- Pre-punched lugs at 2" spacing for flexible, easy shelf arrangement
- No hardware or tools are required to install shelves

Cross Bracing

- To increase lateral stability, cross bracing every third bay is recommended
- Not necessary to use cross braces on every unit, as with other shelving.
- Double and back-to-back single unites share a common center cross brace.



R4000 Double Bay Shelving 85 1/2”H

Schaefer’s double bays offer a new alternative to traditional thinking regarding shelving. All the great features of the single bays in a back-to-back format. Double bays use a common top and bottom shelf. One double-wide centerpost inserted between the base and top shelves joins both bays. Double bay shelving requires less material and reduces installation time, resulting in cost savings. In addition to being efficient and economical, our design offers greater strength and stability than conventional back-to-back shelving, which accounts for roughly 90 percent of all installations.

Double Bays

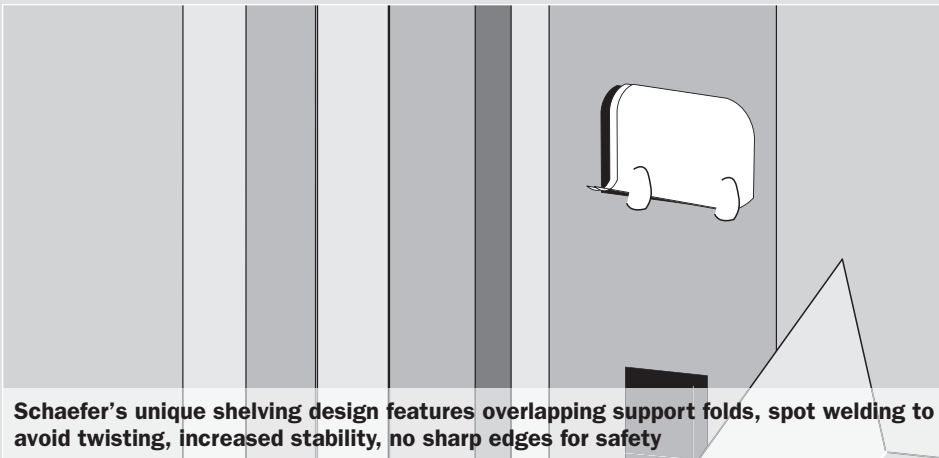
| Bay Depth | 39" Width Starter | 39" Width Add-on | 50.5" Width Starter | 50.5" Width Add-on |
|-----------|-------------------|------------------|---------------------|--------------------|
| 12" | R4TB.1239SDK | R4TB.1239ADK | — | — |
| 16" | R4TB.1639SDK | R4TB.1639ADK | R4TB.1650SDK | R4TB.1650ADK |
| 20" | R4TB.2039SDK | R4TB.2039ADK | — | — |
| 24" | — | — | — | — |
| 32" | — | — | — | — |

- All the great features of our Single Bays
- Double Starter bay includes four corner and two center posts
- Double Add-on bay includes two corner and one center post
- Double bay consists of two single bays combined into one
- Uses common top and base shelves
- No nuts, bolts or tools are required for assembly
- **Quickly and easily creates two bays in roughly the same time it takes to build a single bay**
- Shelves may be arranged independently on either side
- As with single bays, shelves may be tilted at either 6° or 12° angle
- Double bay shelving is available in three depths



Cross Bracing

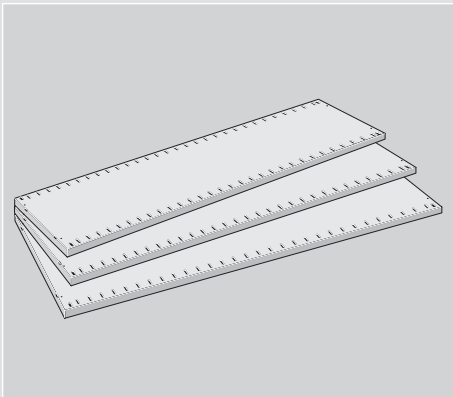
| Bay Height | Bay Width | |
|------------|-----------|--------|
| | 39" | 50.5" |
| 85.5" | CB3985 | CB5085 |



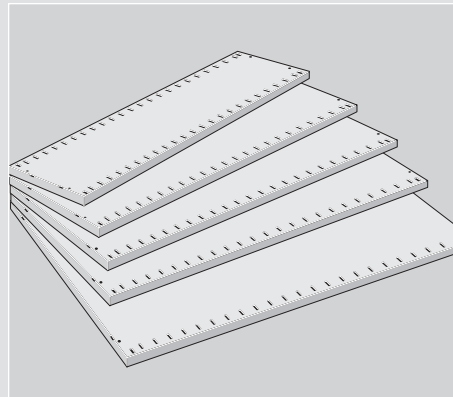
R4000 Adjustable Shelves

Schaefer offers two unique types of shelves which are not available anywhere else on the market.

- Single box shelf supports up to 600 lbs. and has two more bends than other box-style shelves
- The double box shelf supports up to 1,000 lbs. and is the only one of its kind available on the market
- Shelves have a lap and welded seam design with reinforced corners
- Shelves are slotted at 1 1/2" intervals for drop-in dividers
- Shelves come standard in painted gray
- Shelves can be adjusted at a 6° or 12° tilt by simply raising the back of the shelf one or two lug positions
- No tools or additional hardware are required to adjust the angle of the shelves
- The shelf widths are actual clear bay widths between posts
- To calculate bay widths, add 2 3/8" to shelf for (starter) unit and 1 3/16" (and shelf width) for every subsequent add-on bay.



50.5" width available in 4 depths



39" width available in 5 depths

R4000 Adjustable Shelves

| Heavy-Duty 600 lb. Capacity | Extra Heavy-Duty 1,000 lb. Capacity | Shelf Depth | Clear Width |
|--------------------------------|--|----------------|----------------|
| S1239.HGY2 | — | 12" | 39" |
| S1639.HGY2 | S1639.XGY2 | 16" | 39" |
| S2039.HGY2 | S2039.XGY2 | 20" | 39" |
| S2439.HGY2 | S2439.XGY2 | 24" | 39" |
| S3239.HGY2 | S3239.XGY2 | 32" | 39" |
| S1650.HGY2 | — | 16" | 50.5" |
| — | S2050.XGY2 | 20" | 50.5" |
| — | S2450.XGY2 | 24" | 50.5" |
| S3250.XGY2 | — | 32" | 50.5" |



< Single-box construction, up to 600 lbs. load capacity



< Double-box construction, up to 1,000 lbs. load capacity

R4000 Side and Back Panels

Schaefer R4000 Shelving incorporates a wide range of options and accessories. Using modular components, basic units can be customized to meet specific needs.

- Wire mesh panels simply insert into pre-punched holes in the base and top shelves
- Wire mesh is 10 gauge by 2" square, bright galvanized for side and back panels
- Solid side panels use a unique design in which pre-formed tabs on the panels fit into notches in the posts
- Solid painted panels available for side and back (two pieces required)
- Solid galvanized side panels also available
- Two-piece side and back panels are easy to handle and install and also reduce shipping damage
- Solid galvanized center panels for double bays; three or four interlocking panels per bay
- **Simple, easy installation saves time and money**



Side Panels

| Wire Mesh Panels | Solid Painted Panels | Solid Galvanized Panels | Shelf Depth |
|------------------|----------------------|-------------------------|-------------|
| SP4.12085W1 | SP4.12085P1 | SP4.12085G1 | 12" |
| SP4.16085W1 | SP4.16085P1 | SP4.16085G1 | 16" |
| SP4.20085W1 | SP4.20085P1 | SP4.20085G1 | 20" |
| SP4.24085W1 | SP4.24085P1 | SP4.24085G1 | 24" |
| SP4.32085W1 | SP4.32085P1 | SP4.32085G1 | 32" |

Back Panels

| Wire Mesh Panels | Solid Painted Panels | Solid Galvanized Panels | Shelf Depth |
|------------------|----------------------|-------------------------|-------------|
| BP4.39085W1 | BP4.39085P1 | CP3985G | 39" |
| BP4.50085W1 | BP4.50085P1 | CP5085G | 50.5" |



Full-Height Door with Recessed Handle

Doors

- Full-height doors (82 1/2" for 85 1/2" units)
- Catwalk-height doors (72 1/2") for multitier installations (accommodates overhead support structure)
- Doors can be easily adjusted to open and close smoothly – even when floors are not level
- Recessed locking handle is standard equipment, 2 keys included
- Light grey, painted finish
- Installs with only four screws into holes in upright posts
- Available for 36" and 39" wide bays

Doors, 85" H

| Door Width | Order # |
|------------|----------|
| 36" | DS. 3685 |
| 39" | DS. 3985 |