

R3000 SHELVING

A Versatile and Economical Storage Solution

The R3000 shelving system is the most highly engineered shelving system available on the market today. This unique, modular system was developed especially for high bay load capacities and multi-level storage applications.

R3000 uprights can be produced up to 33 ft. in continuous length, which offers significant structural advantages when it is used in multi-level applications. It provides the ability to create a catwalk at any point.

R3000 is compatible with the broad range of shelving and accessories available from Schaefer to meet changing needs without a substantial reinvestment.



SHELVING SYSTEMS



Drawers for the R3000



Rk Shelf Containers

Features:

- Uprights are closed, seamless interior welded, double box-style configuration
- Industry exclusive Schaefer pre-punched lug design
- Uprights are 1 3/16" x 2 3/8"
- Lugs are spaced at 2" for flexible, easy shelf arrangement
- 10,000 lbs. bay load capacity
- End frames available in 12", 16", 18", 20", 24" and 32" depths and in standard heights of 85.5", 98" and 118"
- Shelves are single or double box design
- Boltless and clipless placement of shelves within a bay
- Shelves adjust easily, even fully loaded
- Shelves can be tilted 6° or 12° for ergonomic picking and stock visibility
- Two units connect easily back to back to create double sided picking
- End frames are shipped pre-assembled
- Frames are all galvanized construction
- All frames are equipped with footplates
- Seismic footplates available

R3000 Accessories

- Doors
- Drawers
- Dividers: Free-standing and full-height
- Bin fronts
- Trays
- Over 25 compatible storage containers to maximize cube



Fully Decked Catwalk

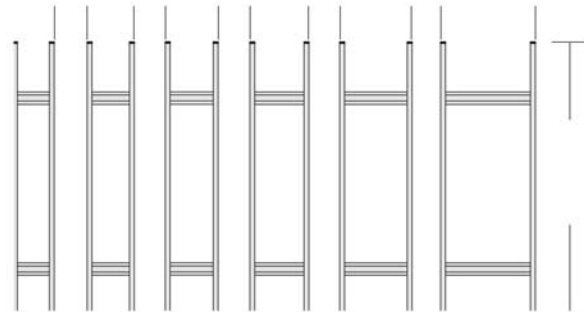
Upright Frames For Single-Level Units. Frame Heights 85.5", 98", and 118"

R3000 FRAMES ASSEMBLED

| ORDER # | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|
| HEIGHT | 12"D | 16"D | 18" | 20"D | 24"D | 32"D |
| 85.5" | FR12085 | FR16085 | FR18085 | FR20085 | FR24085 | FR32085 |
| 98" | FR12098 | FR16098 | FR18098 | FR20098 | FR24098 | FR32098 |
| 118" | FR12118 | FR16118 | FR18118 | FR20118 | FR24118 | FR32118 |

Frame Connector—To Tie and Space Frames Back-to-Back

| SPACE | ORDER # |
|-------|-----------|
| .25" | R3FC.0061 |
| 1.18" | R3FC.0301 |
| 2" | R3FC.0051 |
| 4" | R3FC.3101 |
| 12" | R3FC.3001 |



R3000 Cross Braces

Required for Each "Stand-Alone" Unit and for Every Third Bay in a Row

| ORDER# | | |
|--------|-------------|---------------|
| HEIGHT | 36" / 39" W | 48" / 50.5" W |
| 85.5" | CB393 | CB503 |
| 98" | CB393 | CB503 |
| 118" | 2 X CB393 | 2 X CB503 |

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
- Cross bracing helps contour bays to the floor, eliminating the need for shims
- Back-to-back bays with standard 1/4" frame connector can share a common cross brace

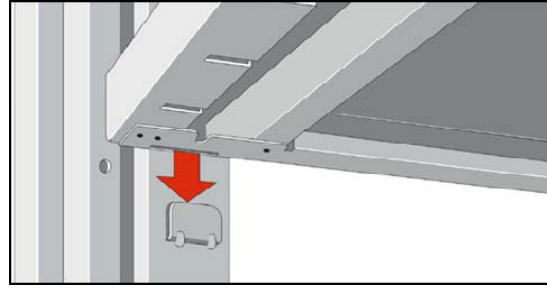


Wire Mesh Side and
Back Panel with Cross Brace

R3000 Adjustable Shelves

Schaefer offers two unique types of shelves which are not available anywhere else on the market. Both shelves effectively distribute weight for added load capacity.

- Single box shelf supports up to 600lbs. and has two more bends than other box-style shelves
- The double box shelf supports up to 1,000 lbs. and is also 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 with galvanized finish or painted gray finish
- Shelves can be adjusted to 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.



Schaefer's unique shelving design features overlapping support folds, spot welding to avoid twisting, increased stability, no sharp edges for safety

36" width available in 3 depths
39" width available in 6 depths
48" width available in 3 depths
50.5" width available in 4 depths



Single box construction, up to 600 lb load capacity



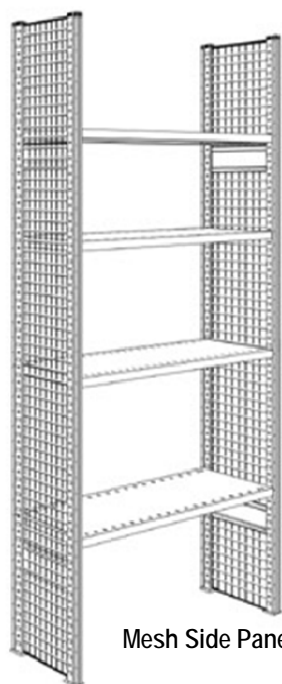
Double box construction, up to 1000 lb load capacity

| SHELVES | | PAINTED GRAY | | GALVANIZED | |
|-------------|-------------|-------------------------|--------------------------|-------------------------|--------------------------|
| SHELF DEPTH | SHELF WIDTH | SINGLE BOX 600 LBS CAP. | DOUBLE BOX 1000 LBS CAP. | SINGLE BOX 600 LBS CAP. | DOUBLE BOX 1000 LBS CAP. |
| 12" | 36" | S1236.HGY2 | - | - | - |
| 18" | 36" | S1836.HGY2 | S1836.XGY2 | - | - |
| 24" | 36" | S2436.HGY2 | S2436.XGY2 | - | - |
| 12" | 39" | S1239.HGY2 | S1239.XGY2** | S1239.HGV2 | - |
| 16" | 39" | S1639.HGY2 | S1639.XGY2 | S1639.HGV2 | S1639.XGV2 |
| 20" | 39" | S2039.HGY2 | S2039.XGY2 | S2039.HGV2 | S2039.XGV2 |
| 24" | 39" | S2439.HGY2 | S2439.XGY2 | S2439.HGV2 | S2439.XGV2 |
| 32" | 39" | S3239.HGY2* | S3239.XGY2 | S3239.HGV2* | S3239.XGV2 |
| 12" | 48" | S1248.HGY2 | - | - | - |
| 18" | 48" | S1848.HGY2 | S1848.XGY2 | - | - |
| 24" | 48" | - | S2448.XGY2 | - | - |
| 16" | 50.5" | S1650.HGY2 | - | S1650.HGV2 | - |
| 20" | 50.5" | - | S2050.XGY2 | - | S2050.XGV2 |
| 24" | 50.5" | - | S2450.XGY2 | - | S2450.XGV2 |
| 32" | 50.5" | - | S3250.XGY2 | - | S3250.XGV2 |

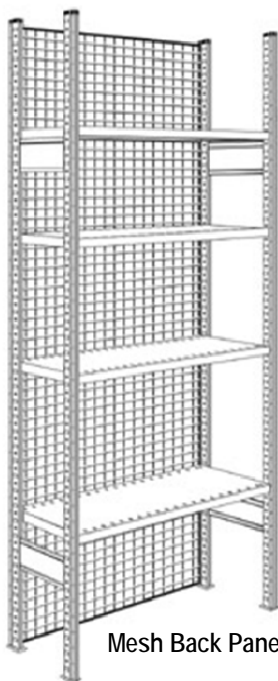
* double box

** single box with center support

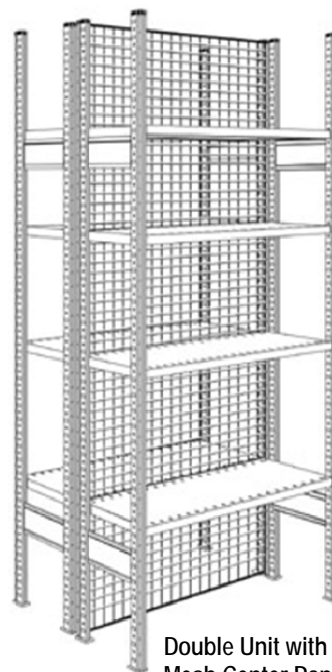
R3000 Mesh Side and Back Panels



Mesh Side Panel



Mesh Back Panel

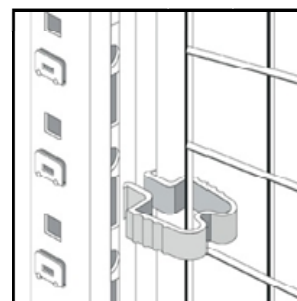
Double Unit with
Mesh Center Panel

Wire Mesh Side and Back Panels

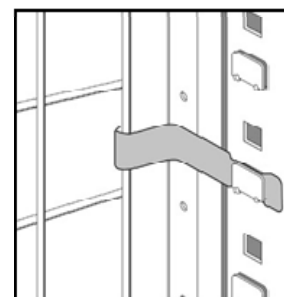
Bright galvanized, 10 gauge steel,
2" square. Side and back panels are
secured with special clips.

R3000 Side Panels

| HEIGHT | DEPTH | SOLID SIDE PANEL | WIRE SIDE PANEL |
|--------|-------|------------------|-----------------|
| 85.5" | 12" | SP3.12085G1 | SP3.12085W1 |
| | 16" | SP3.16085G1 | SP3.16085W1 |
| | 18" | SP3.18085G1 | SP3.18085W1 |
| | 20" | SP3.20085G1 | SP3.20085W1 |
| | 24" | SP3.24085G1 | SP3.24085W1 |
| | 32" | SP3.32085G1 | SP3.32085W1 |
| 98" | 12" | SP3.12098G1 | SP3.12098W1 |
| | 16" | SP3.16098G1 | SP3.16098W1 |
| | 18" | SP3.18098G1 | SP3.18098W1 |
| | 20" | SP3.20098G1 | SP3.20098W1 |
| | 24" | SP3.24098G1 | SP3.24098W1 |
| | 32" | SP3.32098G1 | SP3.32098W1 |
| 118" | 12" | SP3.12118G1 | SP3.12118W1 |
| | 16" | SP3.16118G1 | SP3.16118W1 |
| | 18" | SP3.18118G1 | SP3.18118W1 |
| | 20" | SP3.20118G1 | SP3.20118W1 |
| | 24" | SP3.24118G1 | SP3.24118W1 |
| | 32" | SP3.32118G1 | SP3.32118W1 |

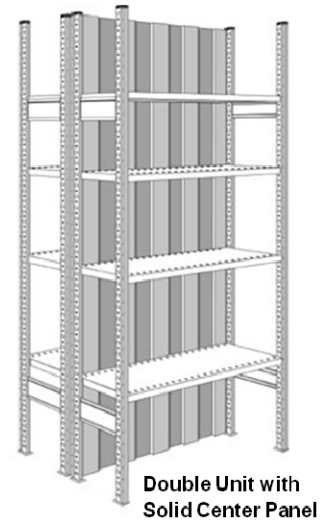
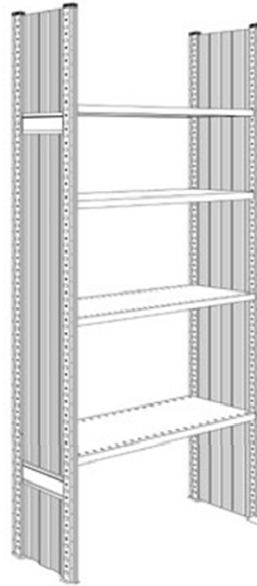
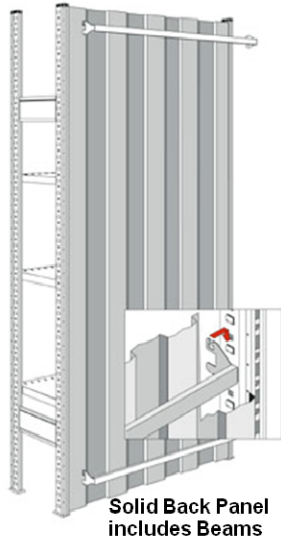


Mesh Side Panel Clips



Mesh Back Panel

R3000 Side and Back Panels



SHELVING SYSTEMS

R3000 Back Panels

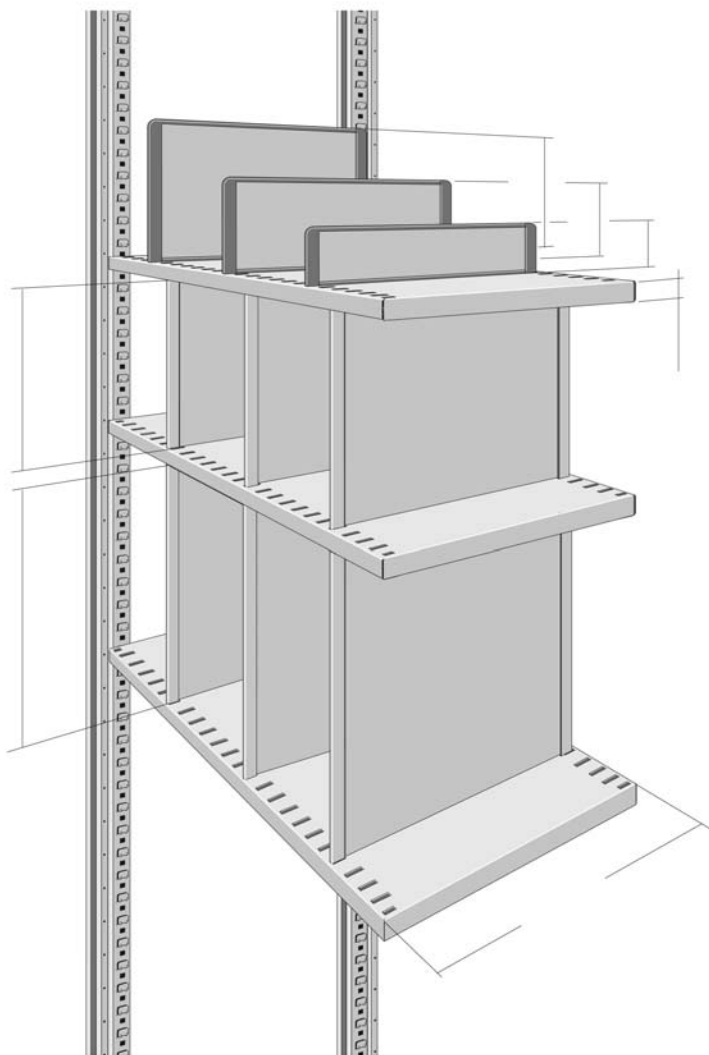
| HEIGHT | WIDTH | SOLID BACK PANEL | WIRE BACK PANEL |
|--------|-------|------------------|-----------------|
| 85.5" | 36" | BP3.36085G1 | BP3.36085W1 |
| | 39" | BP3.3985G1 | BP3.39085W1 |
| | 48" | BP3.4885G1 | BP3.4885W1 |
| | 50.5" | BP3.5085G1 | BP3.5085W1 |
| 98" | 36" | BP3.3698G1 | BP3.3698W1 |
| | 39" | BP3.3998G1 | BP3.3998W1 |
| | 48" | BP3.4898G1 | BP3.4898W1 |
| | 50.5" | BP3.5098G1 | BP3.5098W1 |
| 118" | 36" | BP3.36118G1 | BP3.36118W1 |
| | 39" | BP3.39118G1 | BP3.39118W1 |
| | 48" | BP3.48118G1 | BP3.48118W1 |
| | 50.5" | BP3.50118G1 | BP3.50118W1 |

Solid Side Panels

Galvanized steel. To install, lean side panel against side brace in end frame. When shelves are installed, side panel is held in place between end frame and shelves.

Solid Back Panels

Galvanized steel. Three interlocking panels. Back panels are secured with 2 beams which fit over the back panels and hook into the lugs on the end frame. Center panels are placed between back to back storage bays.



Dividers

Shelf Dividers

- Shelf dividers install quickly without grommets, clips, bolts or screws
- Dividers are quick and easy to rearrange
- Full-height dividers insert into slots in the top of one shelf and the bottom of the shelf above
- Free-standing dividers insert into slots at the front and back of the shelf, spaced at 11½"
- Other divider heights may be available upon request.
- Free-standing dividers have plastic (PL) or wire (W) ends

Full-Height Dividers

| SHELF DEPTH | DIVIDER HEIGHT | |
|-------------|----------------|--------|
| | 13 1/2" | 20" |
| 12" | FD1213 | FD1220 |
| 16" | FD1613 | FD1620 |
| 18" | FD1813 | FD1620 |
| 20" | FD2013 | FD2020 |
| 24" | FD2413 | FD2420 |

Free-Standing Dividers

| SHELF DEPTH | DIVIDER HEIGHT | | |
|-------------|----------------|------------|---------|
| | 4" | 7" | 10 1/2" |
| 12" | HD1204S.PL | HD1207S.PL | n/a |
| 16" | HD1604S.PL | HD1607S.PL | HD1610W |
| 18" | HD1804S.PL | HD1807S.PL | HD1810W |
| 20" | HD2004S.PL | HD2007S.PL | HD2010W |
| 24" | HD2404S.PL | HD2407S.PL | HD2410W |
| 32" | HD3204S.W | HD3207S.W | n/a |



Free-Standing Dividers (L) and Full-Height Dividers (R)

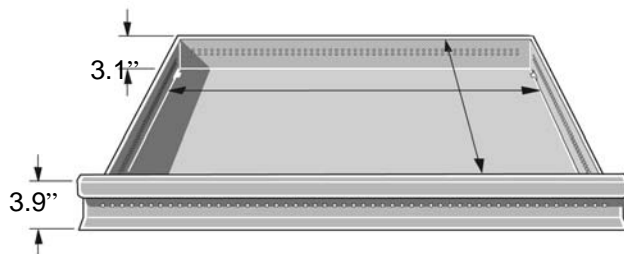
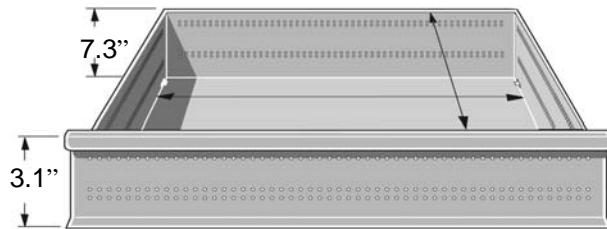
Drawers

By adding drawers, basic shelving bays easily turn into modular small parts storage systems. A convenient alternative to modular drawer cabinets.

- Ball bearing roller tracks for easy opening and closing, even when fully loaded
- Available in two heights, 4" and 8"
- Available in three depths, 16", 18", 20" and 24"
- Drawers can be divided using pre-punched holes in the sides
- Quick and easy to install
- Drop onto lugs on the post
- Drawers extend fully
- High load capacity (150 lbs.), even at full extension
- Grey painted finish
- To provide additional stability and meet safety guidelines, a shelf must be fitted above the top drawer.

Tracks have to be secured with screws

- For safety, single bays with drawers must be bolted to the wall or floor
- In a row of shelving the bays must be clipped together
- Double bays must be anchored to floor



DRAWERS

| ORDER # | WIDTH | A | DEPTH | B | HEIGHT |
|------------|-------|-------|-------|-------|--------|
| DRS.163904 | 39" | 35.7" | 16" | 13.2" | 4" |
| DRS.163908 | 39" | 35.7" | 16" | 13.2" | 8" |
| DRS.183604 | 36" | 32.6" | 18" | 15.5" | 4" |
| DRS.183608 | 36" | 32.6" | 18" | 15.5" | 8" |
| DRS.203904 | 39" | 35.7" | 20" | 17.2" | 4" |
| DRS.203908 | 39" | 35.7" | 20" | 17.2" | 8" |
| DRS.243904 | 39" | 35.7" | 24" | 22.3" | 4" |
| DRS.243908 | 39" | 35.7" | 24" | 22.3" | 8" |

LABEL HOLDER (19"W)

| | |
|----------|--------|
| R3LH.195 | 50 QTY |
|----------|--------|

LABELS

| | |
|----------|---------|
| R3LB.195 | 100 QTY |
|----------|---------|

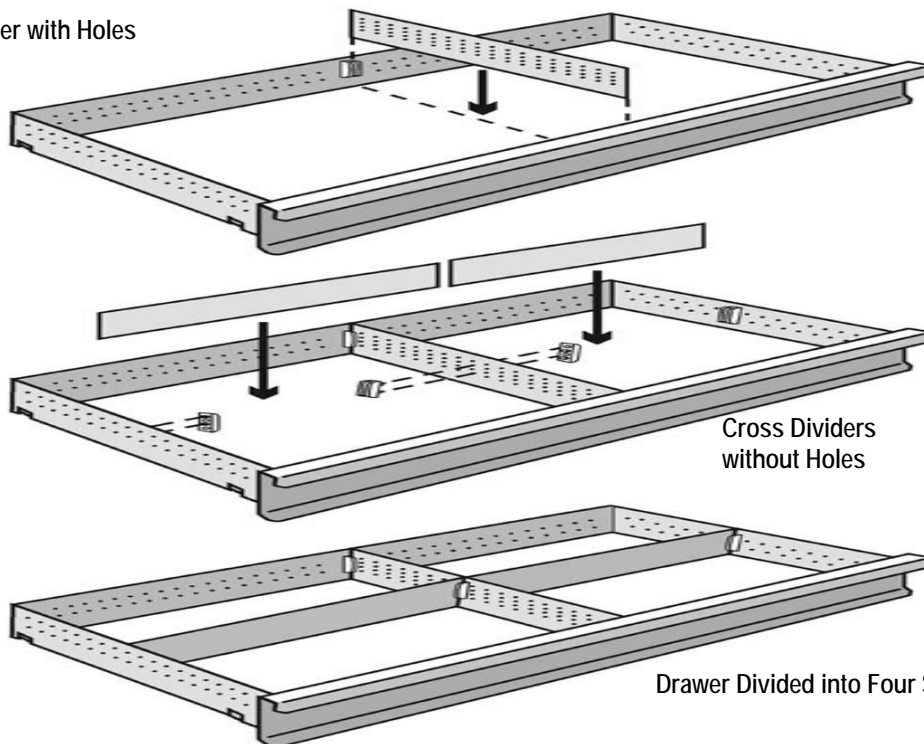
Modular Drawers

Drawer Dividers

- Dividers insert into holes in the sides of the drawer
- Partitions with snap-in plastic adapters available for further sectioning
- EK Boxes can be used to subdivide drawers into a variety of smaller compartments

EK Insert Boxes in Drawer

Divider with Holes

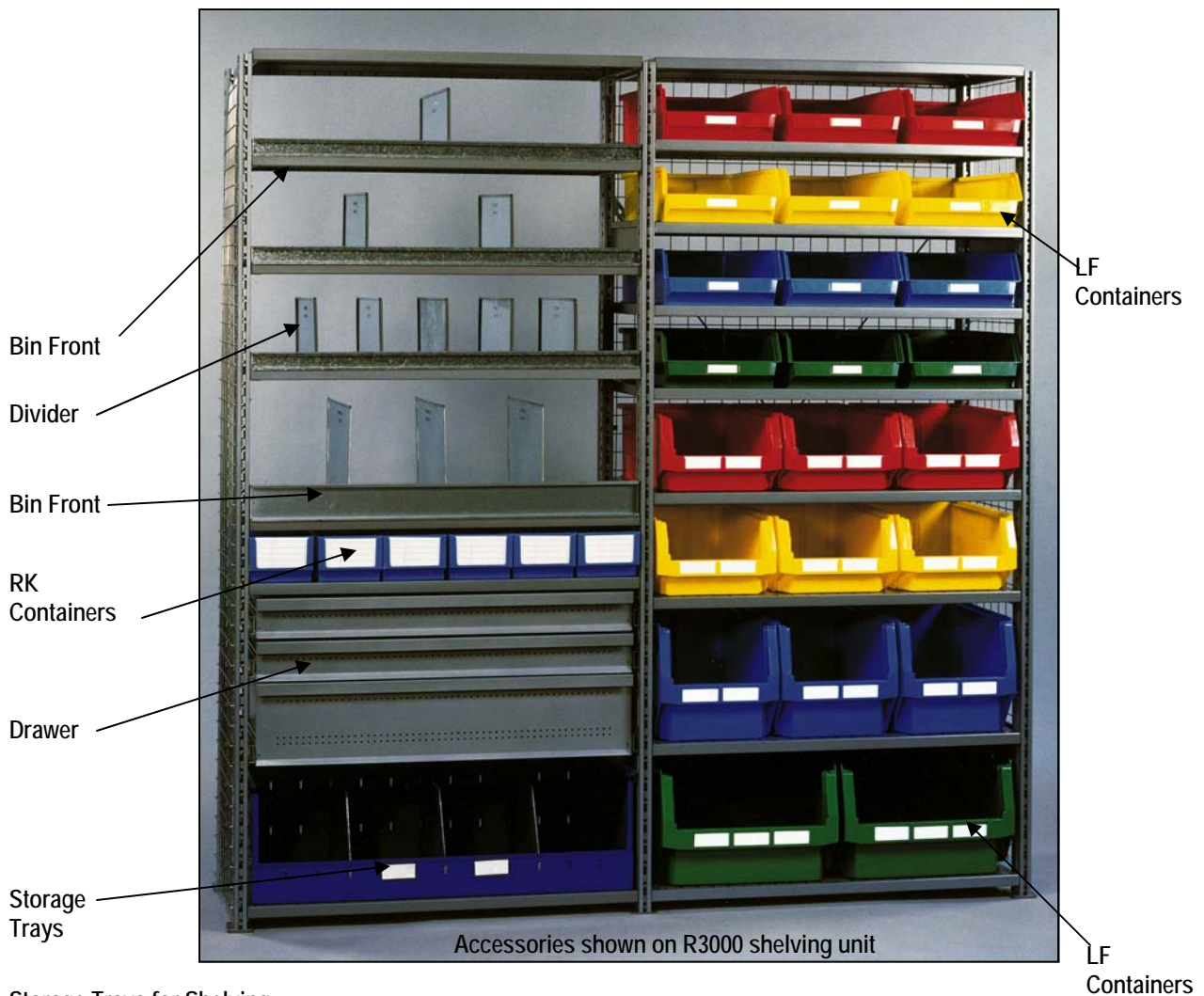


Modular Drawer Dividers and Divider Kits

DRAWER DIVIDER KITS

| ORDER # | EXTRA PARTITION | DRAWER WIDTH | DRAWER DEPTH | DRAWER HEIGHT | # OF COMPARTMENTS | WIDTH | DEPTH |
|--------------|-----------------|--------------|--------------|---------------|-------------------|---------|--------|
| SE4121 | QTE1210 | 39" | 16" | 4" | 4 (2W x 2D) | 17 1/2" | 6 1/2" |
| SE4122 | QTE1220 | 39" | 16" | 8" | 4 (2W x 2D) | 17 1/2" | 6 1/2" |
| DDS.18360404 | QTE3210 | 36" | 18" | 4" | 4 (2W x 2D) | 16 1/4" | 7.75" |
| DDS.18360804 | QTE3220 | 36" | 18" | 8" | 4 (2W x 2D) | 16 1/4" | 7.75" |
| SE5121 | QTE1210 | 39" | 20" | 4" | 4 (2W x 2D) | 17 1/2" | 8 1/4" |
| SE5122 | QTE1220 | 39" | 20" | 8" | 4 (2W x 2D) | 17 1/2" | 8 1/4" |
| SE6121 | QTE1210 | 39" | 24" | 4" | 4 (2W x 2D) | 17 1/2" | 11" |
| SE6122 | QTE1220 | 39" | 24" | 8" | 4 (2W x 2D) | 17 1/2" | 11" |
| SE4141 | QTE1410 | 39" | 16" | 4" | 8 (4W x 2D) | 8 3/4" | 6 1/2" |
| SE4142 | QTE1420 | 39" | 16" | 8" | 8 (4W x 2D) | 8 3/4" | 6 1/2" |
| DDS.18360408 | QTE3410 | 36" | 18" | 4" | 8 (4W x 2D) | 8" | 7.75" |
| DDS.18360808 | QTE3420 | 36" | 18" | 8" | 8 (4W x 2D) | 8" | 7.75" |
| SE5141 | QTE1410 | 39" | 20" | 4" | 8 (4W x 2D) | 8 3/4" | 8 1/4" |
| SE5142 | QTE1420 | 39" | 20" | 8" | 8 (4W x 2D) | 8 3/4" | 8 1/4" |
| SE6141 | QTE1410 | 39" | 24" | 4" | 8 (4W x 2D) | 8 3/4" | 11" |
| SE6142 | QTE1420 | 39" | 24" | 8" | 8 (4W x 2D) | 8 3/4" | 11" |
| SE4181 | QTE1810 | 39" | 16" | 4" | 16 (8W x 2D) | 4 1/4" | 6 1/2" |
| SE4182 | QTE1820 | 39" | 16" | 8" | 16 (8W x 2D) | 4 1/4" | 6 1/2" |
| DDS.18360416 | QTE3810 | 36" | 18" | 4" | 16 (8W x 2D) | 3 3/4" | 7.75" |
| DDS.18360816 | QTE3820 | 36" | 18" | 8" | 16 (8W x 2D) | 3 3/4" | 7.75" |
| SE5181 | QTE1810 | 39" | 20" | 4" | 16 (8W x 2D) | 4 1/4" | 8 1/4" |
| SE5182 | QTE1820 | 39" | 20" | 8" | 16 (8W x 2D) | 4 1/4" | 8 1/4" |
| SE6181 | QTE1810 | 39" | 24" | 4" | 16 (8W x 2D) | 4 1/4" | 11" |
| SE6182 | QTE1820 | 39" | 24" | 8" | 16 (8W x 2D) | 4 1/4" | 11" |

| ORDER # | EXTRA PARTITION | DRAWER WIDTH | DRAWER DEPTH | DRAWER HEIGHT | # OF COMPARTMENTS | WIDTH | DEPTH |
|---------|-----------------|--------------|--------------|---------------|-------------------|--------|--------|
| SE41161 | QTE1810 | 39" | 16" | 4" | 24 (8W x 3D) | 4 1/4" | 4 1/4" |
| SE51161 | QTE1810 | 39" | 20" | 4" | 24 (8W x 3D) | 4 1/4" | 5 1/2" |
| SE61161 | QTE1810 | 39" | 24" | 4" | 24 (8W x 3D) | 4 1/4" | 7 1/4" |
| SE41241 | QTE1810 | 39" | 16" | 4" | 32 (8W x 4D) | 4 1/4" | 3" |
| SE51241 | QTE1810 | 39" | 20" | 4" | 32 (8W x 4D) | 4 1/4" | 4" |
| SE61241 | QTE1810 | 39" | 24" | 4" | 32 (8W x 4D) | 4 1/4" | 5 1/4" |
| SE51321 | QTE1810 | 39" | 20" | 4" | 40 (8W x 5D) | 4 1/4" | 3 1/4" |
| SE61321 | QTE1810 | 39" | 24" | 4" | 40 (8W x 5D) | 4 1/4" | 4 1/4" |



Storage Trays for Shelving

- Storage trays can take the place of shelf, dividers, bin fronts, back and side panels
- Steel trays available in two heights, 5" and 12"
- Slide out for rapid re-arrangement or multi-stacking
- Rest on support rails
- Painted blue
- Dividers install without nuts or bolts

| STORAGE TRAY SUPPORT RAILS | |
|----------------------------|-------|
| ORDER# | DEPTH |
| STS.16 | 16" |
| STS.20 | 20" |

| TRAYS ORDER # | DIVIDER ORDER # | DEPTH | HEIGHT |
|------------------|--------------------|-------|--------|
| ST.163905PT2 | STD165 | 16" | 5" |
| ST.163912PT2 | STD1612 | 16" | 12" |
| ST.203905PT2 | STD205 | 20" | 5" |
| ST.203912PT2 | STD2012 | 20" | 12" |

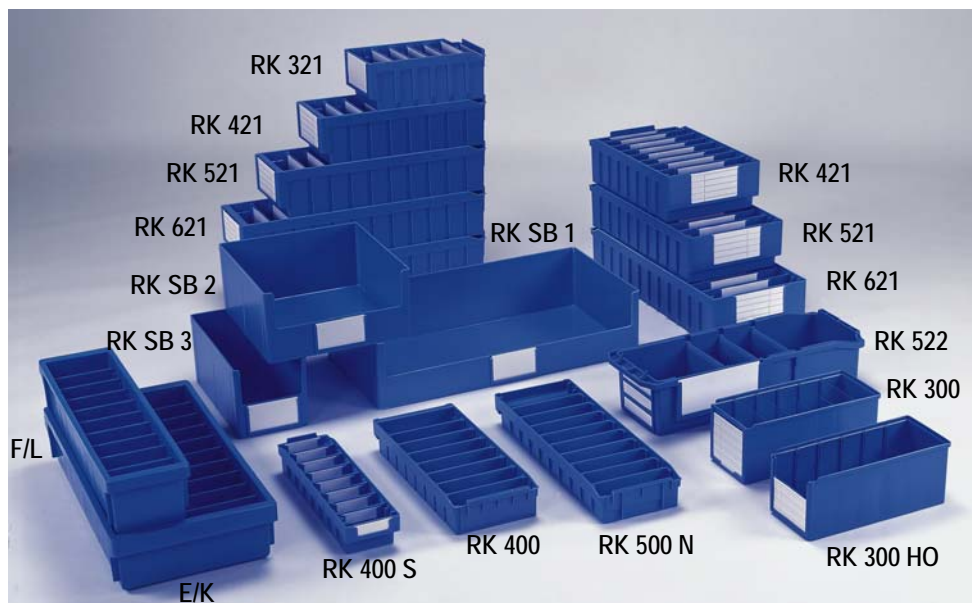
| HOLDERS (50 QTY) | LABELS (100 QTY) | LENGTH |
|---------------------|---------------------|--------|
| EHK.75 | EHKE.75 | 3" |
| EHK.85 | EHKE.85 | 3.37" |
| EHK.135 | EHKE.135 | 5.37" |

RK Shelf Containers

Specifically designed to be modular with SSI Schaefer Shelving Systems which means you will achieve maximum cube utilization in your storage system.

Features

- Hopper fronts available on RK300 HO, RKSB1, RKSB and RKSB3
- All containers and dividers made of polystyrene except RK522 Polypropylene and EK231004 and FL230504 made of polyethylene.
- All containers and dividers are blue
- Available with a wide range of accessories



RK CONTAINERS FOR 39" WIDE SHELVING

| ORDER# | OUTSIDE DIMENSIONS (inches) | | | FOR DEPTH | CONTAINERS PER 39" W SHELF | SHELF LAYER HEIGHT | NUMBER OF COMPARTMENTS |
|----------|-----------------------------|------|-----|-----------|-------------------------------|-----------------------|---------------------------|
| | L | W | H | | | | |
| RK300 | 11.9 | 5.4 | 4.8 | 12 | 7 | 6.25 | 6 |
| RK300 HO | 11.9 | 5.4 | 4.8 | 12 | 7 | 6.25 | 6 |
| RK321 | 11.5 | 6.4 | 4.6 | 12 | 6 | 6.25 | 6 |
| RK SB1 | 12.6 | 23.5 | 5.8 | 12 | 1+ | 8.34 | 1 |
| RK SB2 | 12.6 | 11.7 | 5.8 | 12 | 3 | 8.34 | 1 |
| RK SB3 | 12.6 | 5.8 | 5.8 | 12 | 6 | 8.34 | 1 |
| RK400 S | 15.4 | 3.9 | 2.6 | 16 | 10 | 6.25 | 8 |
| RK400 | 16.1 | 6.4 | 2.6 | 16 | 6 | 6.25 | 8 |
| RK421 | 16.1 | 6.4 | 4.6 | 16 | 6 | 6.25 | 8 |
| RK421 B | 19.3 | 6.4 | 2.6 | 16 | 4 | 6.25 | 8 |
| RK500 N | 19.3 | 6.4 | 2.6 | 20 | 6 | 4.17 | 10 |
| RK521 | 20 | 6.4 | 4.6 | 20 | 6 | 6.25 | 10 |
| RK521 B | 19.3 | 9.6 | 4.6 | 20 | 4 | 6.25 | 10 |
| RK522 | 20.5 | 7.5 | 4.8 | 20 | 5 | 6.25 | 4 |
| RK619 | 24.4 | 4.6 | 3.6 | 24 | 8 | 6.25 | 12 |
| RK621 | 23.3 | 6.4 | 4.6 | 24 | 6 | 6.25 | 12 |
| RK621 B | 23.3 | 9.6 | 4.6 | 24 | 4 | 6.25 | 12 |
| RK629 | 23.6 | 9.1 | 3.6 | 24 | 4 | 6.25 | 12 |
| FL230504 | 23.5 | 5.2 | 4.4 | 24 | 7 | 6.25 | 10 |
| EK231004 | 23.2 | 10.6 | 4.4 | 24 | 3 | 6.25 | 10 |

* 100 Per Pk

** for sides

RK Shelf Containers



RK 522 Container Labels on the front and side



Most containers have rear lip to hang off shelf for hands-free picking and stocking

RK CONTAINER ACCESSORIES

| FOR CONTAINER | FRONT LABEL | FRONT LABEL PROTECTOR* | DIVIDER | DIVIDER LABEL* | DIVIDER LABEL PROTECTOR* |
|------------------|----------------|---------------------------|-----------|-------------------|-----------------------------|
| RK300 | RKE300 | RKF300 | RKT300 | - | - |
| RK300 HO | RKE300HO | RKE300 HO | RKT300 | - | - |
| RK321 | RKE321 | RKF321 | RKT321 | RKE500 N | RKF500 N |
| RK SB1 | RKESB1 | RKFSB1 | - | - | - |
| RK SB2 | RKESB1 | RKFSB1 | - | - | - |
| RK SB3 | RKESB1 | RKFSB1 | - | - | - |
| RK400 S | RKE 400 S | RKF400 S | RKT400 S | RKE400 S | RKF400 S |
| RK400 | RKE500 N | RKF500 N | RKT400 | RKE400 | RKF400 |
| RK421 | RKE321 | RKF321 | RKT5421 | RKE400 | RKF400 |
| RK421 B | RKE321 | RKF321 | RKT5421 B | RKE500 N | RKF500 N |
| RK500 N | RKE500 N | RKF500 N | RKT500 N | RKE500 N | RKF500 N |
| RK521 | RKE321 | RKF321 | RKT5421 | RKE400 | RKF400 |
| RK521 B | RKE321 | RKF321 | RKT5421 B | RKE500 N | RKF500 N |
| RK522 | RKE522 S | RKF522 S | RKT522 | RKE522 L** | RKF522 L** |
| RK619 | RKE619 | RKF619 | RKT61 | RKE619 | RKF619 |
| RK621 | RKE321 | RKF321 | RKT5421 | RKE400 | RKF400 |
| RK621 B | RKE321 | RKF321 | RKT5421 B | RKE500 N | RKF500 N |
| RK629 | RKE629 | RKF629 | RKT62 | RKE629 | RKF629 |
| FL230504 | - | - | - | - | - |
| EK231004 | - | - | - | - | - |

LF Hopper Front Containers

Specifically designed to be modular with SSI Schaefer Shelving Systems which means you will achieve maximum Cube utilization in your storage system.

Features

- Designed for the high-density small parts storage
- Modular to SSI Schaefer Shelving
- Ergonomically designed, recessed grip handle on back for easier manual handling
- Double wall construction from high strength and durability. Injection molded with polyethylene
- Available with a wired range of accessories



Molded-in divider and label slots



Ergonomic recessed hand-grip

LF HOPPER FRONT CONTAINERS FOR 20" DEEP SHELVING

| ORDER# | OUTSIDE DIMENSIONS (inches) | | | CAPACITY (cu.ft.) | LF CONTAINERS ACROSS SHELVES | |
|-----------|-----------------------------|------|------|-------------------|------------------------------|--------|
| | L | W | H | | 39" WIDE | 50.5"W |
| LF 200606 | 19.7 | 6.2 | 5.8 | 0.27 | 6 | 8 |
| LF 201206 | 20.1 | 12.5 | 5.8 | 0.57 | 3 | 4 |
| LF 201208 | 19.7 | 12.3 | 7.9 | 0.83 | 3 | 4 |
| LF 201212 | 19.7 | 12.3 | 11.9 | 1.34 | 3 | 4 |
| LF 201812 | 19.7 | 18.4 | 11.9 | 2.01 | 2 | n/a |

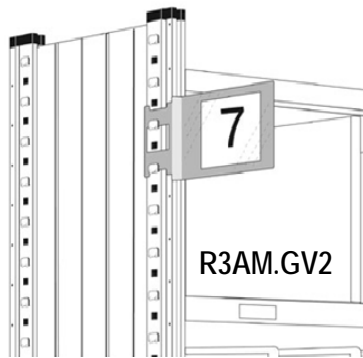


Doors

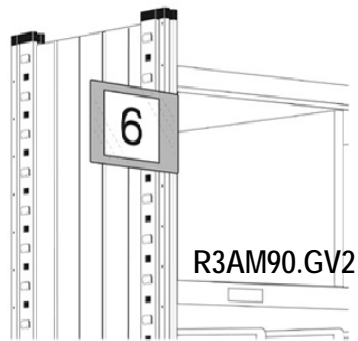
- Full-height doors (82 1/2" for 85 1/2" units)
- Catwalk-height doors (72 1/2") for multitier installations (accommodates overhead support structure)
- Doors can be easily adjusted to open and close smoothly – even when floors are not level
- Recessed locking handle is standard Equipment, 2 keys included
- 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 |

Accessories And Parts



Aisle Markers

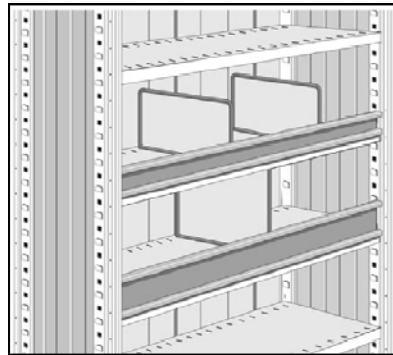


Aisle Markers

- Especially useful in large installations to identify rows
- Self-adhesive, attach in either direction (R3AM1)
- Steel Markers insert onto lugs

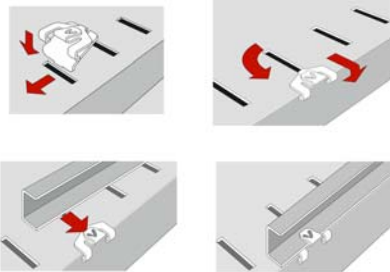
Bin Fronts

| ITEM | WIDTH | HEIGHT |
|---------|-------|--------|
| BF.1536 | 36" | 1.5" |
| BF.3536 | 36" | 3.5" |
| BF.1539 | 39" | 1.5" |
| BF.3539 | 39" | 3.5" |
| BF.1548 | 48" | 1.5" |
| BF.3548 | 48" | 3.5" |
| BF.1550 | 50.5" | 1.5" |
| BF.3550 | 50.5" | 3.5" |



Bin Fronts for R4000 & R3000 Shelving

- Keep parts from sliding off the front of the shelf
- Great when used in conjunction with tilted shelves
- Works well with R4000 shelving



Rear Stop Clips



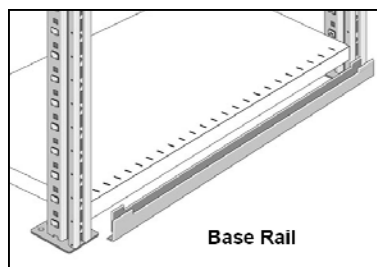
Shelf with Rear Stop (view from Back)

Rear Stops for R4000 & R3000 Shelving

- Keep parts from falling off the back of the shelf
- Can be used to divide bays in double unit applications

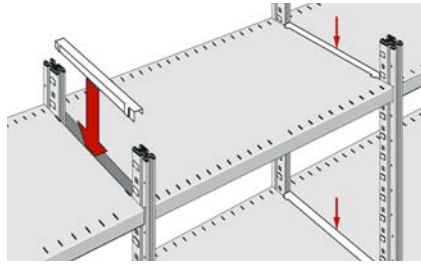
Rear Stops

| ITEM | WIDTH | HEIGHT |
|---------|-------|--------|
| RS.361 | 36" | .38" |
| RS.3615 | 36" | 1.5" |
| RS.391 | 39" | .38" |
| RS.3915 | 39" | 1.5" |
| RS.481 | 48" | .38" |
| RS.4815 | 48" | 1.5" |
| RS.501 | 50.5" | .38" |
| RS.5015 | 50.5" | 1.5" |



Base Rail (R3000)

Galvanized. Close the gap between the first lug (= lowest shelf position) and the floor

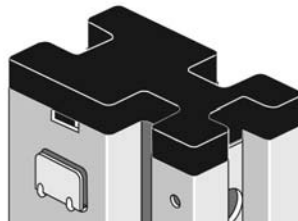


Infill Piece

Infill Pieces

- Fill gaps in between bays if required
- Prevent small objects from falling between shelf levels
- Provide even surface for shelves on

| DEPTH | ORDER# |
|-------|----------|
| 12" | R3IFP.12 |
| 16" | R3IFP.16 |
| 20" | R3IFP.20 |
| 24" | R3IFP.24 |



Top Caps

Top Caps (R3000)

High quality plastic, black color. Snaps onto the top of uprights for a finished look

Top Caps

| ITEM | ORDER # |
|------------------------------|-----------------|
| Top Caps | R3CAP |
| Floor Anchor-R3000 3/8" x 3" | ANCHOR.KBTZ38X3 |
| Shim-R3000 1/16" | R3SP |

Labels and Holders

| ORDER# | | |
|---------|---------------------|---------------------|
| LENGTH | LABELS (100 QTY) | HOLDERS (50 QTY) |
| 3 1/2" | R3LB.035 | R3LH.035 |
| 5 1/2" | R3LB.055 | R3LH.055 |
| 19 1/2" | R3LB.195 | R3LH.195 |

AUTOMOTIVE

The automotive industry places more complex demands on storage than most other industries. Those requirements demand a system with flexibility, strength, efficiency and modularity. Schaefer's R3000 Shelving offers the widest range of automotive-specific storage solutions in the industry, such as:

- Catwalk capability, to three levels
- Containers compatibility sized to cube out each shelf level
- Bulk storage using basic units
- Glass and cable holders
- Exhaust storage
- Free-standing racks
- Doors
- Drawers
- Wire mesh panels
- Partitions and dividers
- Counter installations



Auto Parts Storage



Storage of Body Panels



Glass and Flexible Cable Storage



Tire Storage

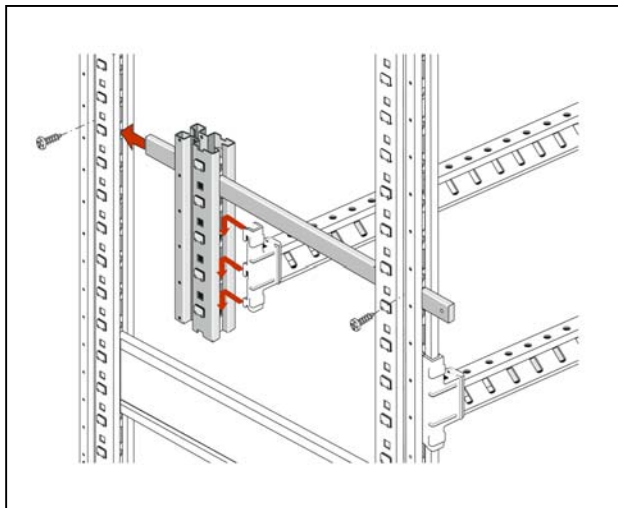


Bulk Storage for Large Components



Because of their awkward shapes, the storage of bulky parts such as exhaust systems, bumpers and windshields presents a special challenge. Schaefer has designed racking that is so versatile it can be extended to most any desired length and will accommodate almost any type body part.

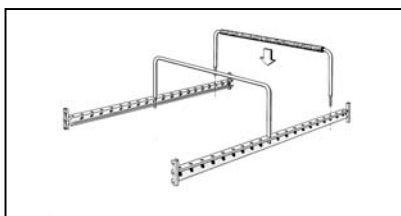
- Simple to assemble and install
- Shelf height adjustable in 2" increments
- Frames have lugs on both sides for expansion in any direction
- Individual or connected shelving bay can be formed
- Crossbeams have pre-punched holes spaced 2" apart for inserting self-locking rods to store exhaust pipes, axles, etc.

**Bridge Beam**

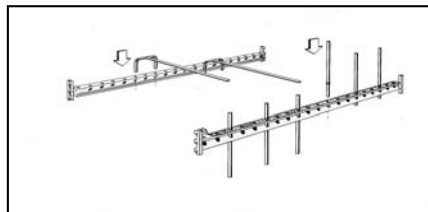
- Spans between both posts in a frame and holds a mini post
- Creates adjustable-depth tire or bulk storage bay

| BRIDGE BEAM SETS | |
|------------------|-----------|
| Order# | Bay Depth |
| R3BBS.12 | 12" |
| R3BBS.16 | 16" |
| R3BBS.18 | 18" |
| R3BBS.20 | 20" |
| R3BBS.24 | 24" |
| R3BBS.32 | 32" |

| ACCESSORIES | | ORDER# | SIZE |
|--------------------|-------------------------------------|------------|-------------|
| VERTICAL DIVIDER | for Bulk Beams only | R3VDR.007 | 6.5"H |
| VERTICAL DIVIDER | for Bulk Beams only | R3VDR.012 | 12"H |
| U-ROD DIVIDER | for Bulk Beams only | R3UDR.3214 | 14"H x 32"D |
| U-ROD COVERING | made of protective foam | R3UDC.32 | 30"L |
| UNISET LEVEL | uniset level consists with 4 pieces | US4100 | 32"DX 39"W |
| UNISET BEAM | to add-on to US4100 set | UT4114 | 39"L |
| HORIZONTAL DIVIDER | for Bulk Beams only | R3HDR.16 | 16"L |
| HORIZONTAL DIVIDER | for Bulk Beams only | R3HDR.32 | 32"L |
| S-HOOK | for hanging on "v" or GR supports | CRSH | 7" |
| S-HOOK 90° | for hanging on "v" or GR supports | CRSH90 | 7" |
| T-HOOK 90° | for hanging on "v" or GR supports | CRTH | 7" |



Beams with U-Rod Dividers



Beams with Vertical and Horizontal Rods



"Z" Profile Beams

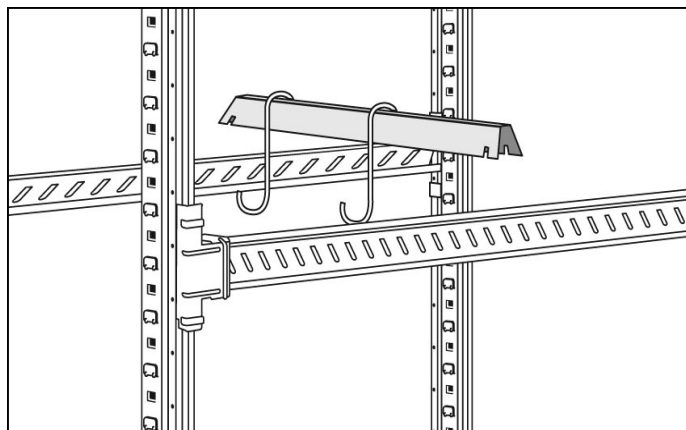
- Bulk beams can be installed singly, at any point on the frame
- Beams can be installed in all directions. A minimum of 4 beams per bay are required for structural integrity
- Hooks and deck supports, which are inserted in the bulk beams, are available for hanging parts storage

BULK AND TIRE BEAMS

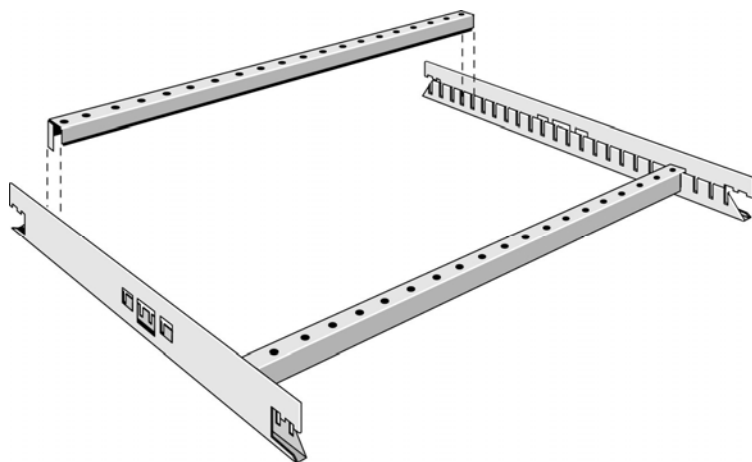
| Bulk Beam | Tire Beam | Width |
|-----------|-----------|-------|
| R3ZBM.36 | R3TB.36 | 36" |
| R3ZBM.39 | R3TB.37 | 39" |
| R3ZBM.48 | R3TB.38 | 48" |
| R3ZBM.50 | R3TB.39 | 50.5" |
| R3ZBM.79 | R3TB.40 | 79.5" |

Uniset

- Uniset allows additional bulk beams to be added at any point in between the posts
- Fore to aft beams are equipped with slots for inserting the Uniset beams



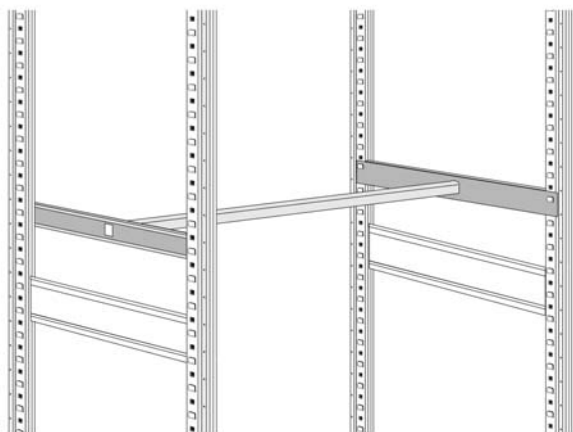
Wood Deck Beam for Hanging Storage



Uniset

WOOD DECK "V" SUPPORT

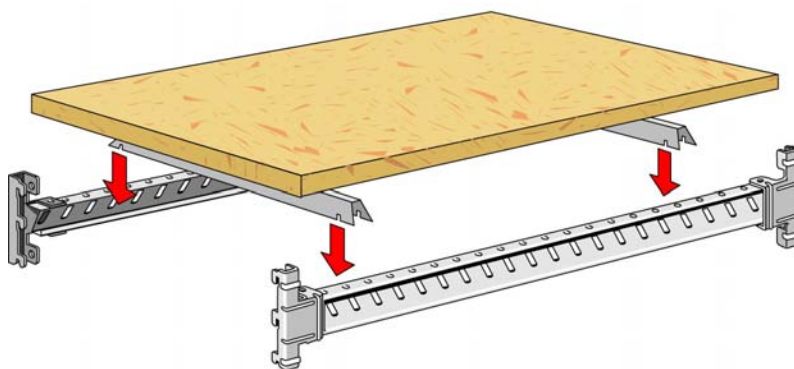
| Order# | Bay Depth |
|--------|-----------|
| WDS12 | 12" |
| WDS16 | 16" |
| WDS18 | 18" |
| WDS20 | 20" |
| WDS24 | 24" |
| WDS32 | 32" |

**Frames**

- Galvanized steel posts with lugs on both sides
- Lugs are spaced 2" apart
- Frames shipped preassembled
- See page for order numbers

| WOOD DECK LEVELS | | |
|------------------|-------|-------|
| Order # | Depth | Width |
| R3WDL.1236 | 12" | 36" |
| R3WDL.1836 | 18" | 36" |
| R3WDL.2436 | 24" | 36" |
| R3WDL.1239 | 12" | 39" |
| R3WDL.1639 | 16" | 39" |
| R3WDL.2039 | 20" | 39" |
| R3WDL.2439 | 24" | 39" |
| R3WDL.3239 | 32" | 39" |
| R3WDL.1248 | 12" | 48" |
| R3WDL.1848 | 18" | 48" |
| R3WDL.2448 | 24" | 48" |
| R3WDL.1250 | 12" | 50" |
| R3WDL.1650 | 16" | 50" |
| R3WDL.2050 | 20" | 50" |
| R3WDL.2450 | 24" | 50" |
| R3WDL.3250 | 32" | 50" |
| R3WDL.1279 | 12" | 79" |
| R3WDL.1679 | 16" | 79" |
| R3WDL.2079 | 20" | 79" |
| R3WDL.2479 | 24" | 79" |
| R3WDL.3279 | 32" | 79" |

| GARMENT RAIL / HANGABLE PARTS | | |
|-------------------------------|-------|-------|
| Order # | Depth | Width |
| R3GRS.1236 | 12" | 36" |
| R3GRS.1836 | 18" | 36" |
| R3GRS.2436 | 24" | 36" |
| R3GRS.1239 | 12" | 39" |
| R3GRS.1639 | 16" | 39" |
| R3GRS.2039 | 20" | 39" |
| R3GRS.2439 | 24" | 39" |
| R3GRS.3239 | 32" | 39" |
| R3GRS.1248 | 12" | 48" |
| R3GRS.1848 | 18" | 48" |
| R3GRS.2448 | 24" | 48" |
| R3GRS.1250 | 12" | 50" |
| R3GRS.1650 | 16" | 50" |
| R3GRS.2050 | 20" | 50" |
| R3GRS.2450 | 24" | 50" |
| R3GRS.3250 | 32" | 50" |



Free-Standing Racks

Single-sided or double-sided racks specifically designed for the storage of brake lines, air pipes, oil pressure pipes, chrome strips, body trim, starter cable, and more. Storage specifically designed to manage hard-to-handle, bulky parts.

- Single- and double-sided racks
- Ordered and shipped as a unit
- Can be used individually or connected in rows
- Versatile—add cantilever arms and storage trays as needed
- High load capacity:
Single-sided, 250 lbs per shelf
Double-sided, 500 lbs per shelf
- Gray enamel finish
- Must be bolted to the floor

Double-Sided Rack With Cantilever Arms



Single-Sided Rack With Tube Arms



FREESTANDING RACKS AND ACCESSORIES

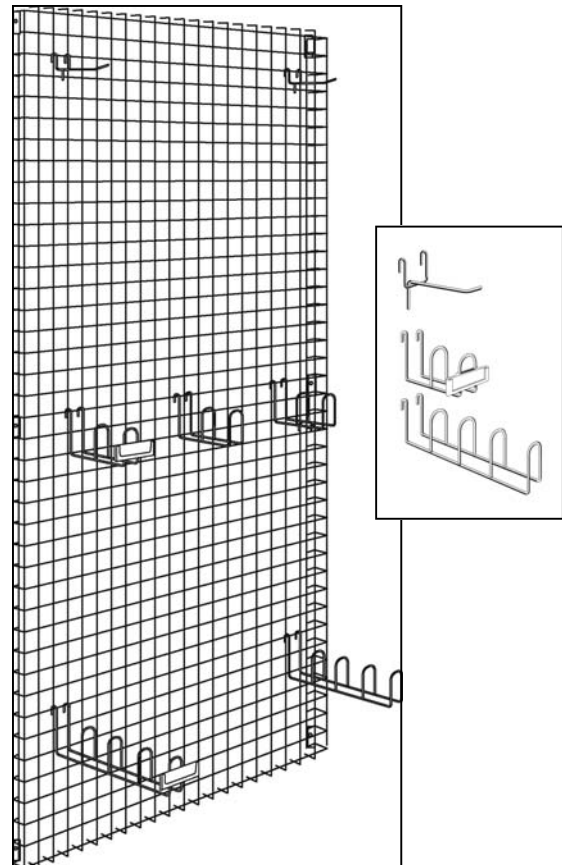
| ITEM | ORDER # | DIMENSIONS | | |
|---|-----------|------------|---------|-------|
| | | HEIGHT | DEPTH | WIDTH |
| Single Sided Uprights* | CRUD.90 | 90 1/2" | 20" | |
| Double Sided Uprights* | CRUD.90 | 90 1/2" | 34" | |
| Cross Brace (Order 2 min per Unit) | CRCB.39 | | 39" | 39" |
| Cantilever Arm (2 Per Level) 100lb.cap. per pair | CRA.10 | - | 10" | - |
| Cantilever Arm XHD (2 Per Level) 250lb.cap. per pair | CRA.16 | - | 16" | - |
| Storage Tray | CRTR.1056 | 6 1/2" | 10" | 56" |
| Storage Tray X-Duty | CRTR.1655 | 6 1/2" | 16" | 56" |
| Storage Tray X-Wide | CRTR.1684 | 6 1/2" | 16" | 83" |
| Tube Arm for Glass | CRTA.23 | - | 23 1/2" | - |
| Hanger Tube (Order 2 min. per Unit) | CRTB.23 | 62" | - | - |
| Mount Bracket for hanger tube | CRB.22 | 5" | 22" | - |



Wall-Mounted Storage

Wall-mounted panels with sectional hooks for cables, trim parts and other large, lightweight items.

- Wall-mounted panels provide good visibility and accessibility to parts
- Maximize the use of space for hard-to-store parts
- Wire mesh panels hold lightweight parts such as trim strips, molding, belts, etc.
- Wall panels are painted steel
- Hooks are chrome or galvanized



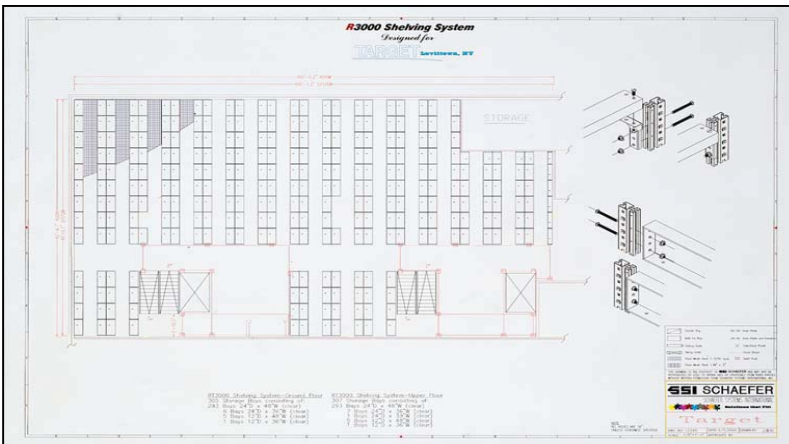
WIRE MESH WALL PANEL

| | | | |
|------------------------|----------|-----|---------|
| Wire Mesh Panel | WMP.4281 | 81" | 41 1/2" |
| One-Section Hook | WMPH.1 | 3" | 1 3/4" |
| Two-Section Hook | WMPH.2 | 3" | 1 3/4" |
| Four Section Hook | WMPH.4 | 3" | 1 3/4" |
| Label Holder | WPMLH | 1" | 3 1/2" |
| Label Cards (100 Qty) | WMPLS | - | 100 QTY |
| Label Covers (100 Qty) | WMPLP | - | 100 QTY |

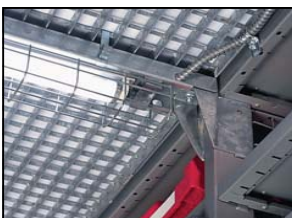
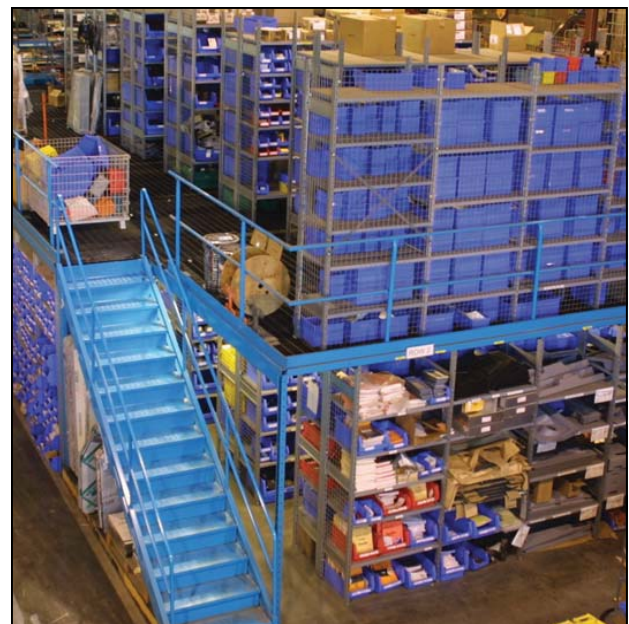
R3000 Catwalks



The versatility of R3000 Shelving is best demonstrated when it is used in multi-tier installations. It can be expanded to three levels using basically the same components as in a single level installation. Free Standing Catwalks are also available. Contact our Project Services Department.



With each quotation, Schaefer's Project Services Department provides detailed CAD drawings of the proposed system.



Standard Grating 11 $\frac{1}{16}$ " Square for Pedestrian Traffic



Small Opening Grating 1 $\frac{1}{2}$ " x 13 $\frac{1}{16}$ " for Wheel Traffic



Guard Rail Simply Bolts to Holes in Upright Post



Rail Components Ship Pre-assembled

MOBILE SHELVING SYSTEMS

MOBILE SHELVING SYSTEMS

SSI Schaefer Mobile Shelving systems consist of rows of shelving which move parallel to one another requiring only a single operating aisle for access to all items stored.

SSI Schaefer Mobile Shelving is designed to accommodate all SSI Shelving.

Mobile System Advantages

- Mobile shelving systems require 40% less area than static shelving with equal storage capacity since only one aisle is needed
- There is 85% more storage capacity in mobile shelving compared to static shelving with the same area.

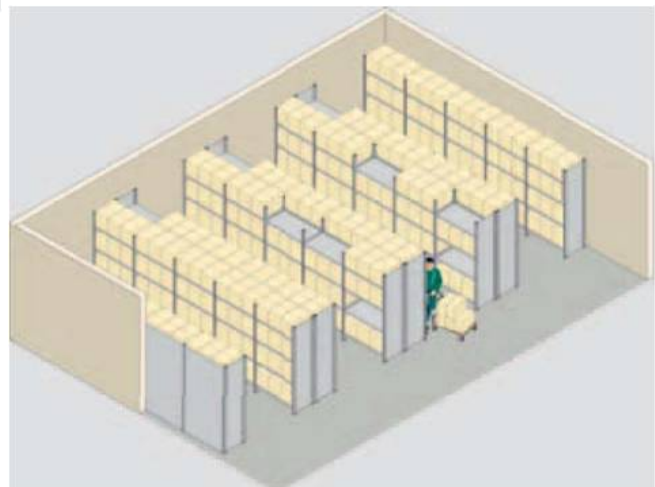
Since the occupied area is less than with static shelving, the storage and retrieval time is greatly reduced which improves overall operation time

SSI offers three mobile shelving system solutions:



Static shelf storage system

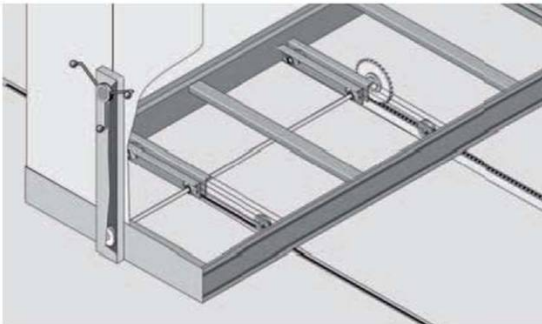
Mobile shelving system



Mobile System Advantages

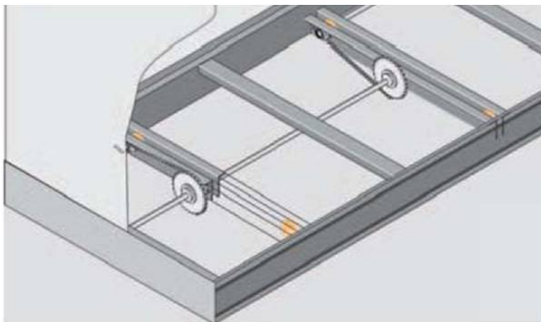
- Mobile shelving systems require 40% less area than static shelving with equal storage capacity since only one aisle is needed
- There is 85% more storage capacity in mobile shelving compared to static shelving with the same area. Since the occupied area is less than with static shelving, the storage and retrieval time is greatly reduced which improves overall operation time

SSI offers three mobile shelving system solutions:



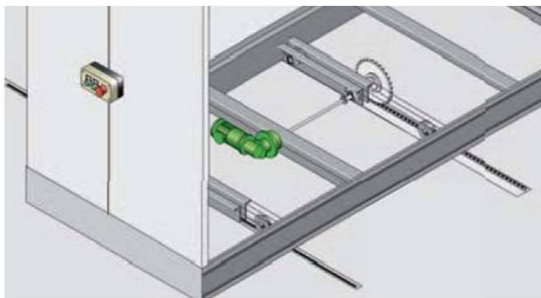
Crank drive—"track driven" system

The bases are moved manually with the aid of a crank and a gear ratio adjusted to the loads carried. For a "track-driven" system, a gearwheel grips into a drive chain integrated in the guide rail for drive. This system is effective due to its high maximum load capability and easy running.



Crank drive—"track-less" system

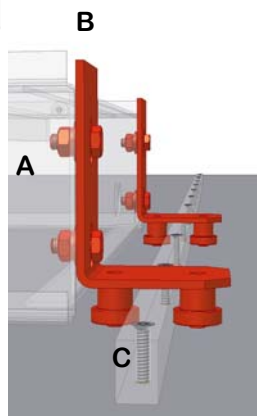
The carriages are moved manually with the aid of a crank and a gear ratio adjusted to the loads carried. In the "track-less" system, drive is provided directly by the castors on the floor. They are guided at the rear by a small dowel-shaped profile. This system requires no ramps or infill floor, saves on assembly time, is cost-effective and has proven to be useful when changes happen such as a move or extension.



Electric Drive

In this system the base is moved by a single motor drive which utilizes a gearwheel on a chain set into a floor-mounted rail.

TRACKLESS SYSTEM



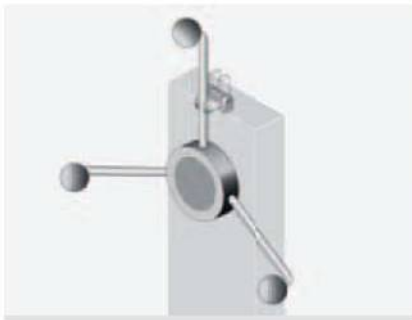
- A: MOBILE BASE**
B: GUIDE SYSTEM
C: GUIDE PROFILE
FLOOR MOUNTED

MOBILE SHELVING SAFETY FEATURES

MOBILE SHELVING SAFETY FEATURES

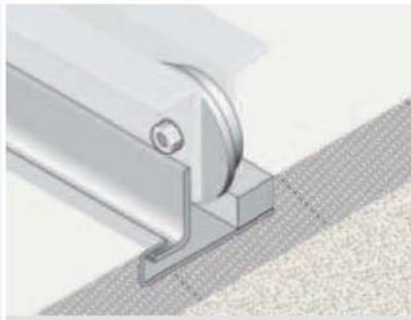
There are several safety features available including:

- A return stop on the aisle lock
 - An anti-twist device to lock in shelves
 - An aisle lock for locking an individual aisle
 - A central lock for manual and crank systems for locking a complete system or area
- Dust seals, and light seals are also available



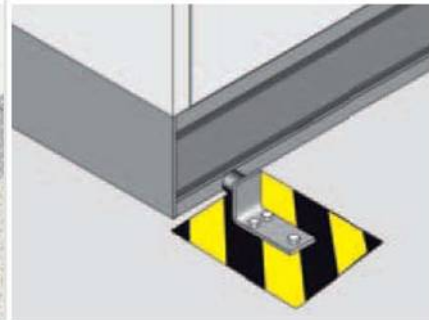
Return Stop

Is used to secure the aisle from Unintentional movement



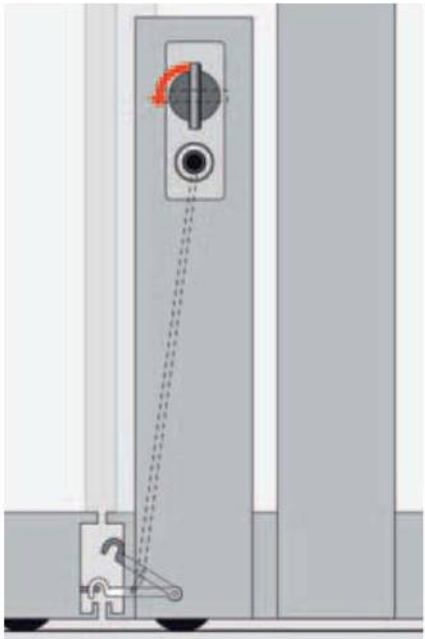
Anti-Tipping Device

Prevents a carriage/shelf unit from Tipping when the depth/height is Unfavorable.



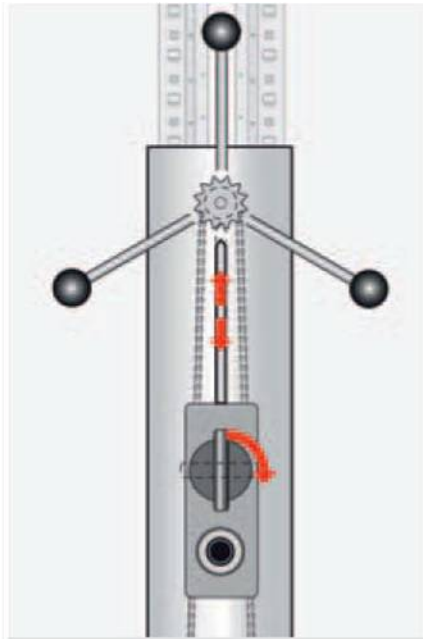
End Stop on the Floor

Installed at the end of the system, if the bases are not secured to the floor.



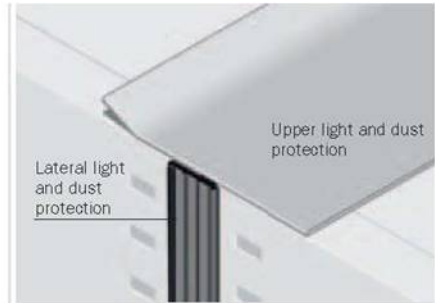
Aisle Lock

For locking individual operating aisles, Where two bases are connected to one another using a locking latch. Only for rail driven system.



Central Lock

For locking the entire system. For crank drive only.



Light and Dust Protection

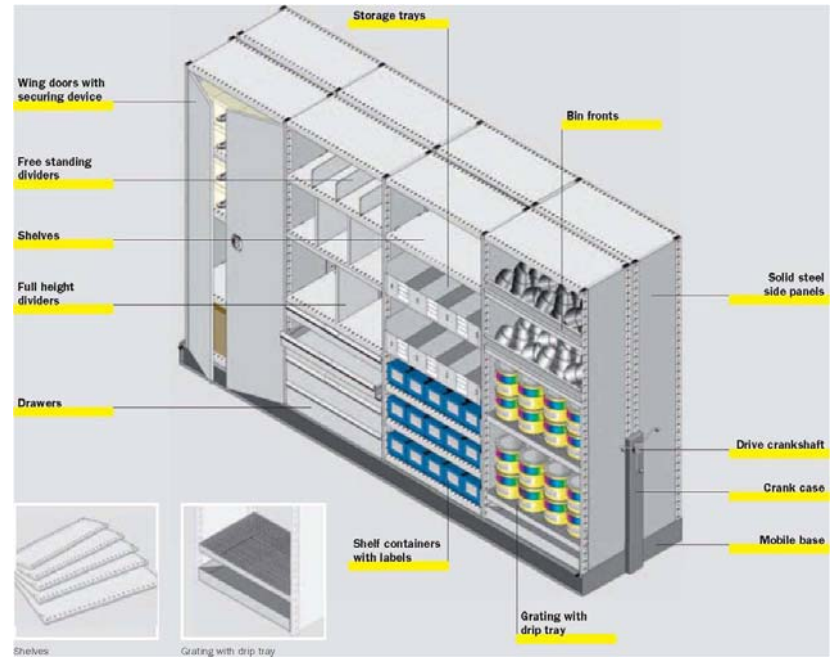
Protects stored goods from light and dust.

MOBILE SHELVING SYSTEMS

MOBILE SHELVING APPLICATIONS

SSI Schaefer offers more than intelligent technology; we provide a complete solution from a single source

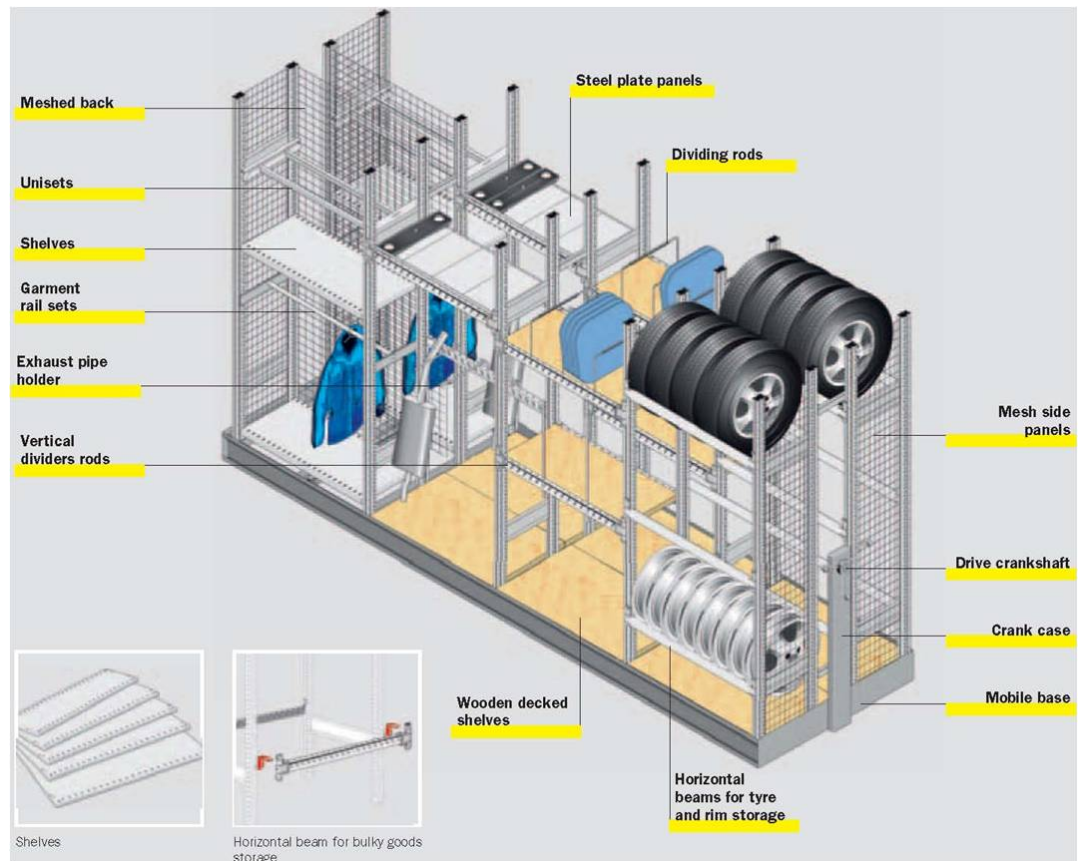
Planning a high-density storage system



MOBILE SHELVING SYSTEMS

Specializing in Auto Dealerships

SHELVING SYSTEMS



Single-Depth On-Line Shelving

Shelving specifically designed for assembly line production. With the shelves angled at 15°, workers can easily see and pick the parts they need, which new parts are supplied from the back. Bottom shelves can be inverted so that empty containers slide out of the way. On-Line offers a cost-efficient stock and storage solution for assembly line operations and is an effective way to utilize the valued space of most assembly line processes.

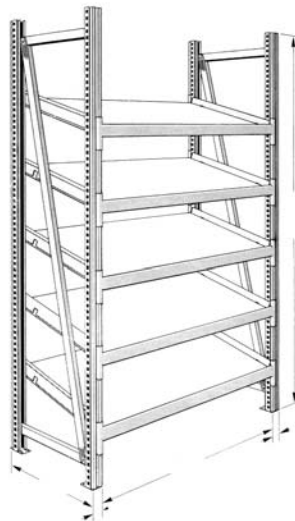
- Pre-assembled frames
- Starter, Add-on Principle
- Heavy duty, rigid construction
- Each shelf level supports up to 550 lbs
- Shelves are welded double box-style construction
- Available in five widths and three depths
- Can be used with casters in 60" height
- Supplied with foot plates for anchoring units to the floor
- Frames are available in standard gray galvanized finish



Type G (Straight)



Type S (Tilted)



ON-LINE SINGLE DEPTH WITH FIVE SHELF LEVELS

| ITEM | | 20" DEPTH ORDER # | | 24" DEPTH ORDER # | | | | 32" DEPTH ORDER # | |
|------------------|----------------|-------------------|-------------|-------------------|------------|------------|-------------|-------------------|-------------|
| | | WIDTH 39" | WIDTH 50.5" | WIDTH 36" | WIDTH 39" | WIDTH 48" | WIDTH 50.5" | WIDTH 39" | WIDTH 50.5" |
| HEIGHT 78.75" | Type G Starter | OLSU.2039G | OLSU.2050G | OLSU.2436G | OLSU.2439G | OLSU.2448G | OLSU.2450G | OLSU.3239G | OLSU.3250G |
| | Add-on Unit | OLAU.2039G | OLAU.2050G | OLAU.2436G | OLAU.2439G | OLAU.2448G | OLAU.2450G | OLAU.3239G | OLAU.3250G |
| | Extra Shelf | OLSK.2039G | OLSK.2050G | OLSK.2436G | OLSK.2439G | OLSK.2448G | OLSK.2450G | OLSK.3239G | OLSK.3250G |
| | Type S Starter | OLSU.2039S | OLSU.2050S | OLSU.2436S | OLSU.2439S | OLSU.2448S | OLSU.2450S | OLSU.3239S | OLSU.3250S |
| | Add-on Unit | OLAU.2039S | OLAU.2050S | OLAU.2436S | OLAU.2439S | OLAU.2448S | OLAU.2450S | OLAU.3239S | OLAU.3250S |
| | Extra Shelf | OLSK.2039S | OLSK.2050S | OLSK.2436S | OLSK.2439S | OLSK.2448S | OLSK.2450S | OLSK.3239S | OLSK.3250S |



On-Line Shelving Assembly

On-line Shelving, like all Schaefer Shelving, is simple, fast and easy to assemble—one unit takes about three minutes to set up. The simplicity of the design, which offers all the features of a highly engineered system, is a Schaefer trademark.

- On-Line Shelving is shipped with preassembled upright frames
- Single-depth units assemble in three minutes
- No tools are required for assembly
- Shelves are supported by beams which quickly connect to uprights
- Shelf levels adjust in 2" increments
- 500 lb Maximum Capacity per shelf level

ON-LINE FRAMES

| DEPTH 20" | DEPTH 24" | DEPTH 32" | HEIGHT |
|--------------|--------------|--------------|--------|
| OLFR.2060GV2 | OLFR.2460GV2 | OLFR.3260GV2 | 60" |
| OLFR.2079GV2 | OLFR.2479GV2 | OLFR.3279GV2 | 78.75" |



Double-Depth On-Line Shelving

You can choose from either single-depth or double-depth units to fit your operation. On each unit, shelves can be tilted either toward the front and/or back. You also can combine straight and tilted shelves at the front and/or back.

- Improves assembly line productivity
- Tilted shelves allow material to flow toward working area
- User Friendly, 15° tilt angle makes parts easy to see and to pick
- Beams are made to withstand the most grueling impact loading
- Available in three widths
- Available in four basic configurations
- Flexible enough to meet the needs of any operation
- Shelves adjust in 2" increments

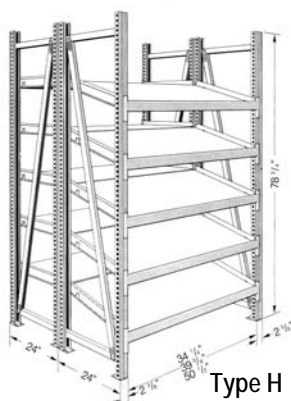


Type GH
Double-Depth Bay with a Combination
of Straight and Tilted Shelves

ON-LINE DOUBLE DEPTH WITH FIVE SHELF LEVELS

| | ITEM | 40" DEPTH ORDER # | | 48" DEPTH ORDER # | | | | 64" DEPTH ORDER # |
|---------------|----------------|-------------------|-------------|-------------------|------------|------------|-------------|-------------------|
| | | WIDTH 39" | WIDTH 50.5" | WIDTH 36" | WIDTH 39" | WIDTH 48" | WIDTH 48.5" | WIDTH 39" |
| HEIGHT 78.75" | Type H Starter | OLSU.4039H | OLSU.4050H | OLSU.4836H | OLSU.4839H | OLSU.4848H | OLSU.2450H | OLSU.6439H |
| | Add-on Unit | OLAU.4039H | OLAU.4050H | OLAU.4836H | OLAU.4839H | OLAU.4848H | OLAU.2450H | OLAU.6439H |
| | Extra Shelf | OLSK.4039H | OLSK.4050H | OLSK.4836H | OLSK.4839H | OLSK.4848H | OLSK.2450H | OLSK.6439H |
| | Type G Starter | OLSU.4039G | OLSU.4050G | OLSU.4836G | OLSU.4839G | OLSU.4848G | OLSU.2450G | OLSU.6439G |
| | Add-on Unit | OLAU.4039G | OLAU.4050G | OLAU.4836G | OLAU.4839G | OLAU.4848G | OLAU.2450G | OLAU.6439G |
| | Extra Shelf | OLSK.4039G | OLSK.4050G | OLSK.4836G | OLSK.4839G | OLSK.4848G | OLSK.2450G | OLSK.6439G |
| HEIGHT 78.75" | Type Z Starter | OLSU.4039Z | OLSU.4050Z | OLSU.4836Z | OLSU.4839Z | OLSU.4848Z | OLSU.2450Z | OLSU.6439Z |
| | Add-on Unit | OLAU.4039Z | OLAU.4050Z | OLAU.4836Z | OLAU.4839Z | OLAU.4848Z | OLAU.2450Z | OLAU.6439Z |
| | Extra Shelf | OLSK.4039Z | OLSK.4050Z | OLSK.4836Z | OLSK.4839Z | OLSK.4848Z | OLSK.2450Z | OLSK.6439Z |
| | Type S Starter | OLSU.4039S | OLSU.4050S | OLSU.4836S | OLSU.4839S | OLSU.4848S | OLSU.2450S | OLSU.6439S |
| | Add-on Unit | OLAU.4039S | OLAU.4050S | OLAU.4836S | OLAU.4839S | OLAU.4848S | OLAU.2450S | OLAU.6439S |
| | Extra Shelf | OLSK.4039S | OLSK.4050S | OLSK.4836S | OLSK.4839S | OLSK.4848S | OLSK.2450S | OLSK.6439S |

Note: For Overall Width of Starter, add 4 3/4" to Shelf Width. For Overall Width of Add-on, add 2 3/8" to Shelf Width



Type H



Type G



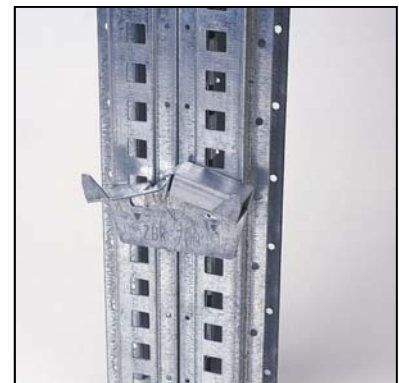
Type Z



On-Line Double-Depth With Five Shelf Levels

Shelf Bracket

- In double-depth units, used to support shelf levels at rear of forward shelf and front of rear shelf
- Adapter required for the Type SS units
- Securely locks front and rear bays together.

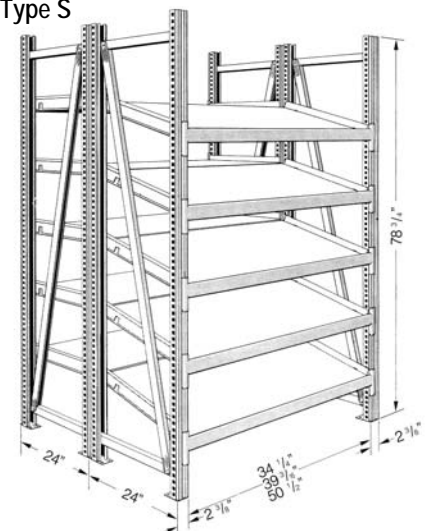


Shelf Bracket with Adapter

Note: For Overall Width of Starter, add 4 3/4" to Shelf Width. For Overall Width of Add-on, add 2 3/8" to Shelf Width



Type S



On-Line Shelving Accessories

A Work Table can be added to an On-Line shelving unit to provide additional space at an assembly station or in a workshop. For detailed repair work or assembly, a Workbench with drawers is available. When semi-open front containers are added, the On-Line unit with Workbench becomes a complete, compact work station where everything is within easy reach. For hanging tools, a perforated side panel available.

On-Line Work Table

- Attachable Work Table connects to the front beam and upright frames
- 16" deep
- Available in three widths

On-Line Cantilever Leg

- Uses a staggered front leg which can be attached to any workbench
- Shown with Schaefer semi-open front containers



Cantilevered Leg Shown with Workbench
(Workbench Must Be Ordered Separately)



On-Line Work Table

ON-LINE SINGLE DEPTH CANTILEVER LEG WITH THREE SHELF LEVELS

| | ITEM | 20" DEPTH ORDER # | | 24" DEPTH ORDER # | | | | 32" DEPTH ORDER # | |
|---------------|----------------|-------------------|-------------|-------------------|------------|------------|-------------|-------------------|-------------|
| | | WIDTH 39" | WIDTH 50.5" | WIDTH 36" | WIDTH 39" | WIDTH 48" | WIDTH 50.5" | WIDTH 39" | WIDTH 50.5" |
| HEIGHT 78.75" | Type G Starter | OLCS.2039G | OLCS.2050G | OLCS.2436G | OLCS.2439G | OLCS.2448G | OLCS.2450G | OLCS.3239G | OLCS.3250G |
| | Add-on Unit | OLCA.2039G | OLCA.2050G | OLCA.2436G | OLCA.2439G | OLCA.2448G | OLCA.2450G | OLCA.3239G | OLCA.3250G |
| | Extra Shelf | OLSK.2039G | OLSK.2050G | OLSK.2436G | OLSK.2439G | OLSK.2448G | OLSK.2450G | OLSK.3239G | OLSK.3250G |
| | Type S Starter | OLCS.2039S | OLCS.2050S | OLCS.2436S | OLCS.2439S | OLCS.2448S | OLCS.2450S | OLCS.3239S | OLCS.3250S |
| | Add-on Unit | OLCS.2039S | OLCA.2050S | OLCA.2436S | OLCA.2439S | OLCA.2448S | OLCA.2450S | OLCA.3239S | OLCA.3250S |
| | Extra Shelf | OLSK.2039S | OLSK.2050S | OLSK.2436S | OLSK.2439S | OLSK.2448S | OLSK.2450S | OLSK.3239S | OLSK.3250S |

ON-LINE CANTILEVER FRAMES

| DEPTH 20" | DEPTH 24" | DEPTH 32" | HEIGHT |
|--------------|--------------|--------------|--------|
| OLCF.2060GV2 | OLCF.2460GV2 | OLCF.3260GV2 | 60" |
| OLCF.2079GV2 | OLCF.2479GV2 | OLCF.3279GV2 | 78.75" |



Mobile Unit, Type S

Perforated Side Panel

- Encloses side of units
- Steel Mesh
- Closes off the end of a row of On-Line Shelving units
- Creates pegboard-type surface for hanging items

End Caps

- Recommended for 60" units
- Additional safety feature
- Prevents injury from edges when reaching to top level and above

Casters

- Unit with casters moves parts to the places they're needed
- Used only with single-depth unit, 60" high
- One caster set includes two fixed wheels and two swivel wheels with foot brakes

Other Configurations Are Available. Contact Project Services

On-Line Accessories

| ON-LINE ACCESSORIES | |
|---------------------|---------|
| WIDTH | ORDER # |
| End Cap | OLCAP |
| Caster set | OLCS |



End Caps



Casters Are Available for Single-Depth Units, 60" High

ON-LINE MOBILE SINGLE DEPTH WITH FOUR SHELF LEVELS

| | ITEM | 20" DEPTH ORDER # | | 24" DEPTH ORDER # | | | | 32" DEPTH ORDER # | |
|--------------|----------------|-------------------|-------------|-------------------|------------|------------|-------------|-------------------|-------------|
| | | WIDTH 39" | WIDTH 50.5" | WIDTH 36" | WIDTH 39" | WIDTH 48" | WIDTH 50.5" | WIDTH 39" | WIDTH 50.5" |
| | | | | | | | | | |
| HEIGHT 67.5" | Type G Starter | OLMU.2039G | OLMU.2050G | OLMU.2436G | OLMU.2439G | OLMU.2448G | OLMU.2450G | OLMU.3239G | OLMU.3250G |
| | Extra G Shelf | OLSK.2039G | OLSK.2050G | OLSK.2436G | OLSK.2439G | OLSK.2448G | OLSK.2450G | OLMU.3239G | OLMU.3250G |
| | Type S Starter | OLMU.2039S | OLMU.2050S | OLMU.2436S | OLMU.2439S | OLMU.2448S | OLMU.2450S | OLMU.3239S | OLMU.3250S |
| | Extra Shelf | OLSK.2039S | OLSK.2050S | OLSK.2436S | OLSK.2439S | OLSK.2448S | OLSK.2450S | OLMU.3239S | OLMU.3250S |

KDR GRAVITY FLOW RACK

KDR Gravity Flow Rack is an excellent compliment or alternative to our innovative static shelving systems, SSI Schaefer has taken the traditional incline shelf and roller live storage principle in KDR, the ultimate non-powered storage and retrieval system.

Gravity Flow Rack greatly reduces travel time and increases order fulfillment speed while providing an organized and high-density storage system.

Specifically designed for fast moving small to medium size parts with high volume, the KDR System provides the perfect blend of heavy-duty ruggedness and ergonomics, making it ideal for use in assembly line-side operations as well as traditional first-in/first out applications.



Frames ship assembled

* Consists of (1) 850 + (1) 1250 frame with 2" spacer

** Consists of (2) 1250 frame with 2" spacer

All frames include 2 anchors, 2 shims and 2 top caps

UPRIGHT FRAMES 78.75"H

| ORDER # | FOR LEVEL DEPTH | OVERALL DEPTH |
|---------------|-----------------|---------------|
| KRP63.0850C | 41 | 33.5 |
| KRP63.1250C | 61 | 49.25 |
| KRP63.1450CH | 76 | 57 |
| KRP63.2150C* | 96 | 84.5 |
| KRP63.2550C** | 123 | 100.5 |

CROSS SUPPORT BEAMS

| ORDER # | FOR BAY WIDTH |
|-----------|---------------|
| K.AT1350C | 53 |
| K.AT1800C | 71 |
| K.AT2200C | 87 |
| K.AT2700C | 96 |

Add 4.75" to bay width for starter

Add 2.375" to bay width for add-on



Gravity Flow Rack Advantages

- The fore-to-aft positioning of the flow levels side can be adjusted in 1" increments providing individualized ergonomic curve relieving worker stress
- Flow rack levels can be adjusted in .25" increments in height providing maximum storage density
- Rollers and guides can be adjusted across the width of the levels in .18" increments enabling the use of any container
- Fully compatible with Schaefer containers
- Flow racks are available in 4 widths and 5 depths to fit into any available space
- Can be easily integrated with a Schaefer Pick by Light system

| ACCESSORIES | |
|-------------|---------------|
| ORDER # | DESCRIPTION |
| KDR.TOPCAP | TOP CAP SET |
| K.AHS1 | ANTI-TIP CLIP |
| K.VH1 | LEVEL CLIP |
| K.SA1 | REAR CLIP |

**For one frame upright—two posts*

| FLOW LEVELS, ROLLERS AND GUIDES | | | | | |
|---------------------------------|-------------|-----------|-----------|-------------|------------|
| LEVEL | ROLLER | GUIDE | BAY WIDTH | LEVEL DEPTH | CAPACITY |
| KDRSL.041053 | KR28S.0970C | KTL.0955C | 53 | 41 | 1,000 lbs. |
| KDRSL.061053 | KR28S.1470C | KTL.1455C | 53 | 61 | 1,000 lbs. |
| KDRSL.076053 | KR28S.1845C | KTL.1830C | 53 | 76 | 1,000 lbs. |
| KDRSL.096053 | KR28S.2445C | KTL.2430C | 53 | 96 | 1,250 lbs. |
| KDRSL.123053 | KR28S.3045C | KTL.3030C | 53 | 123 | 1,000 lbs. |
| KDRSL.041071 | KR28S.0970C | KTL.0955C | 71 | 41 | 950 lbs. |
| KDRSL.061071 | KR28S.1470C | KTL.1455C | 71 | 61 | 950 lbs. |
| KDRSL.076071 | KR28S.1845C | KTL.1830C | 71 | 76 | 950 lbs. |
| KDRSL.096071 | KR28S.2445C | KTL.2430C | 71 | 96 | 950 lbs. |
| KDRSL.123071 | KR28S.3045C | KTL.3030C | 71 | 123 | 1,250 lbs. |
| KDRSL.041087 | KR28S.0970C | KTL.0955C | 87 | 41 | 800 lbs. |
| KDRSL.061087 | KR28S.1470C | KTL.1455C | 87 | 61 | 800 lbs. |
| KDRSL.076087 | KR28S.1845C | KTL.1830C | 87 | 76 | 800 lbs. |
| KDRSL.0960787 | KR28S.2445C | KTL.2430C | 87 | 96 | 950 lbs. |
| KDRSL.123087 | KR28S.3045C | KTL.3030C | 87 | 123 | 1,200 lbs. |
| KDRSL.041106 | KR28S.0970C | KTL.0955C | 106 | 41 | 650 lbs. |
| KDRSL.061106 | KR28S.1470C | KTL.1455C | 106 | 61 | 650 lbs. |
| KDRSL.076106 | KR28S.1845C | KTL.1830C | 106 | 76 | 650 lbs. |
| KDRSL.096106 | KR28S.2445C | KTL.2430C | 106 | 96 | 750 lbs. |
| KDRSL.123106 | KR28S.3045C | KTL.3030C | 106 | 123 | 750 lbs. |

Note: Levels do not include rollers and guides
 Each level includes 4 support clips and 2 rear adapter clips
 Each roller and guide come with 2 connecting clips
 For useable depth, deduct 3" from level depth
 For usable width, deduct 2" from bay width

Gravity Flow Rack Features

Ergonomic Features

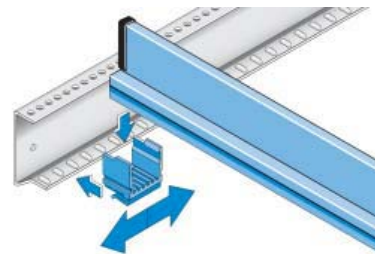
- Easy to assemble or reposition
 - Upright frames ship assembled
 - Cross beam drop simply into the uprights
 - Front and rear of each level has only two bolts each for rapid assembly
 - Center supports simply drop in
 - Rollers and guides snap and lock in
- Sides of the levels are slotted in 1" increments to easily create optimum picking curves

Heavy-Duty Features

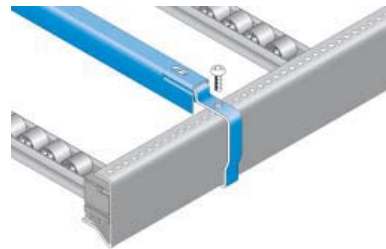
- Frames have pallet rack columns 2.75" square
 - 5,500 lb. cap. load capacity per rack
 - Cross beam are structural steel C channels with welded-on flanges for maximum strength
 - Roller tracks are constructed of galvanized reinforced steel with 12 bends to provide maximum strength and resist twisting
 - Rollers are high-density injection molded thermoplastic 1" wide and 1" in diameter
 - Rollers are equipped with independent full width steel wheel axels .125" diameter and provide a 26 lb. load capacity each
- Clips to hold rollers and guides wrap around sides and top to prevent twisting by a unique tongue and groove design



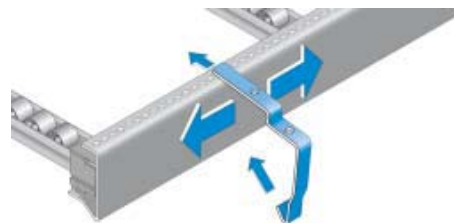
Standard full depth roller track KR28S



Standard full depth guide KTL



Full depth top guide rail KMT



Load guide K.EW1 3" deep

| ALTERNATE GUIDE RAILS | | |
|-----------------------|-----------------|---------------|
| ORDER # | FOR LEVEL DEPTH | DESCRIPTION |
| K.EW1 | ANY | LOAD GUIDE 3" |
| KMT.1025 | 41 | TOP GUIDE |
| KMT.1525 | 61 | TOP GUIDE |
| KMT.1900 | 76 | TOP GUIDE |
| KMT.2500 | 96 | TOP GUIDE |

Gravity Flow Rack Features

Adaptor clips are available that can be used with roll-formed pallet rack frames to convert 96" wide pallet rack bays to gravity flow rack for "supermarket" type operations.

Clips drop into the slots or holes that are in 2" increments on the upright post. Please call SSI Schaefer to verify integration of clips into the racking frames.



SHELVING SYSTEMS

FLOW LEVELS, ROLLERS AND GUIDES FOR 96" WIDE PALLET RACK

| LEVEL | ROLLER | GUIDE | LEVEL DEPTH | CAPACITY |
|--------------|-------------|-----------|-------------|------------|
| KDRSL.052096 | KR28S.1270C | KTL.1255C | 52" | 1,200 lbs. |
| KDRSL.096096 | KR28S.2445C | KTL.2430C | 96" | 2,400 lbs. |

Note: Levels do not include rollers and guides
 52" D levels includes 4 support clips and 4 adapter clips
 96" D levels includes 6 support clips and 6 adapter clips

Each roller and guide come with 2 connecting clips

FLOW LANE WIDTH CONFIGURATOR (to determine optimum bay width)

| CLEAR WIDTH | FLOW LANE CLEAR WIDTH (USING 1 GUIDE BETWEEN LANES) | | | | | | | |
|---------------|---|---------|---------|---------|---------|---------|---------|----------|
| | 2 LANES | 3 LANES | 5 LANES | 6 LANES | 7 LANES | 8 LANES | 9 LANES | 10 LANES |
| 53 | 25.4 | 16.8 | 9.9 | 8 | 6.9 | 6 | 5.3 | 4.7 |
| 71 | 34.3 | 22.7 | 13.4 | 11.1 | 9.4 | 8.2 | 7.2 | 6.5 |
| 87 | 42.1 | 27.9 | 16.6 | 13.7 | 11.7 | 10.2 | 9 | 8 |
| 96 (FOR RACK) | 46.5 | 31 | 18.5 | 15.2 | 13 | 11.2 | 10 | 8.8 |
| 106" | 52 | 34.5 | 20.5 | 17 | 14.5 | 12.6 | 11.2 | 10 |

Contact SSI Schaefer for a wide variety of special applications such as mobile units, single lane "shooters" outlet chutes or any special sizes.

PLANT & SHOP EQUIPMENT



One of the most important considerations in the design and production of plant equipment is the environment in which it will be used and the function it will serve. Products featured in this section are designed to relieve worker stress, to simplify job functions and to make them more efficient.

Schaefer has designed cabinets, trolleys, louvered panel systems, tool storage boxes and a variety of other products that help organize and streamline job functions in industrial installations or workshops. These products complement each other and adapt to changes in the work environment. A lot of thought has gone into the design of Schaefer's shop equipment to make it as job specific, user friendly and flexible as possible.

Equipment designed to improve the modern workplace...all from one source.

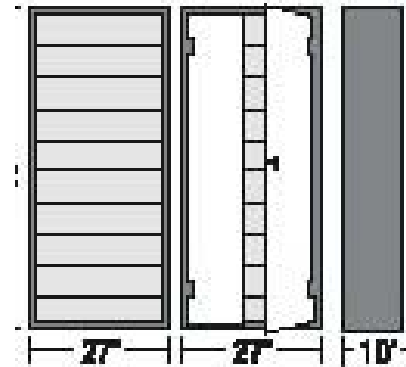


Safix Cabinets

Safix cabinets offer the best use of space in small areas. Available in a variety of heights, depths and widths, there is a size to fit most applications. Cabinets are available with and without doors, and can be ordered with or without containers. Different container color and size combinations are also available. Cabinets are the ideal organizer for the home, workshop or office.

Schaefer cabinets are a stove-enameled grey finish and the shelves are galvanized steel. Doors come equipped with secure locks and recessed handles.

Container colors will be shipped as shown unless different colors are specified, for an additional cost.



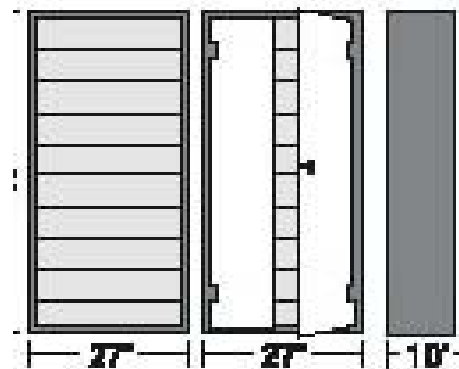
CABINETS

| SUPER SAFIX | | | | | |
|-------------|------------------------|---------------------|----|----|--|
| ORDER# | DESCRIPTION | DIMENSIONS (inches) | | | CONTAINERS INCLUDED |
| | | L | W | H | |
| FSCH 12D | with doors, 12 shelves | 80 | 27 | 10 | 52 - LF090605 (24 Red, 22 Blue) |
| FSCH 12N | no doors, 12 shelves | 80 | 27 | 10 | 52 - LF090605 (24 Red, 22 Blue) |
| FSCH 15D | with doors, 15 shelves | 80 | 27 | 10 | 28 - LF090605 Red, 54 - LF060503 Green |
| FSCH 15N | no doors, 15 shelves | 80 | 27 | 10 | 28 - LF090605 Red, 54 - LF060503 Green |
| FSCH 18D | with doors, 18 shelves | 80 | 27 | 10 | 114 - LF060503 (60 Red, 54 Blue) |
| FSCH 18N | no doors, 18 shelves | 80 | 27 | 10 | 114 - LF060503 (60 Red, 54 Blue) |



Safix Cabinet Advantages

- Cabinets ship fully assembled
 - Complete cube utilization on each shelf level
 - Cabinets are finished in grey, stove-baked enamel paint
 - Shelves are galvanized steel, adjustable in 1" increments
 - Recessed handles are standard on all doors
 - Variety of shelf containers available to "customize" the cabinet to your application
- Upon request and at an additional cost, containers are available in different color combinations



CABINETS

SAFIX CABINETS

| ORDER# | DESCRIPTION | DIMENSIONS (inches) | | | CONTAINERS INCLUDED |
|----------|------------------------|---------------------|----|----|---------------------------------------|
| | | L | W | H | |
| FSCH 9D | with doors, 9 shelves | 63 | 27 | 10 | 40 - LF090605 (20 Red, 20 Green) |
| FSCH 9N | no doors, 9 shelves | 63 | 27 | 10 | 40 - LF090605 (20 Red, 20 Green) |
| FSCH 11D | with doors, 11 shelves | 63 | 27 | 10 | 36 - LF060503 Red, 24 - LF090605 Blue |
| FSCH 11N | no doors, 11 shelves | 63 | 27 | 10 | 36 - LF060503 Red, 24 - LF090605 Blue |
| FSCH 14D | with doors, 14 shelves | 63 | 27 | 10 | 90 - LF060503 (42 Red, 48 Green) |
| FSCH 14N | no doors, 14 shelves | 63 | 27 | 10 | 90 - LF060503 (42 Red, 48 Green) |

REDUCED HEIGHT / WALL MOUNTED CABINETS

| ORDER# | DESCRIPTION | DIMENSIONS (inches) | | | CONTAINERS INCLUDED |
|---------|-----------------------|---------------------|----|----|--------------------------------------|
| | | L | W | H | |
| LSCH 6D | with doors, 6 shelves | 30 | 27 | 10 | 42 - LF090503 Red |
| LSCH 6N | no doors, 6 shelves | 30 | 27 | 10 | 42 - LF090503 Red |
| LSCH 4D | with doors, 4 shelves | 30 | 27 | 10 | 6 - LF060503 Red, 16 - LF090605 Blue |
| LSCH 4N | no doors, 4 shelves | 30 | 27 | 10 | 6 - LF060503 Red, 16 - LF090605 Blue |



LF HOPPER FRONT CONTAINERS

| ORDER# | DIMENSIONS (inches) | | | CAPACITY (cu.ft.) |
|-----------|---------------------|-----|-----|-------------------|
| | L | W | H | |
| LF 060503 | 6.5 | 4.3 | 3 | 0.03 |
| LF 090605 | 9.2 | 5.9 | 4.8 | 0.10 |

Cabinets

In addition to different shelf and container combinations, Schaefer cabinets can be outfitted as lockers or wardrobes. Available with 16" or 20" deep, they can be ordered with a lockable compartment, half shelves, or whatever shelf arrangement may be needed. All cabinets are manufactured from high-quality sheet metal. Reinforced doors and galvanized shelves are standard.

CABINETS



| STORAGE CABINETS | | | | |
|------------------|-----------------------------|---------------------|----|----|
| ORDER# | DESCRIPTION | DIMENSIONS (inches) | | |
| | | L | H | D |
| G24 | Wardrobe section, 4 shelves | 37 | 76 | 16 |
| G25 | Wardrobe section, 4 shelves | 37 | 76 | 20 |
| K24 | Open storage, 4 shelves | 37 | 76 | 16 |
| K25 | Open storage, 4 shelves | 37 | 76 | 20 |
| KT24 | Built-in safe, 2 shelves | 37 | 76 | 16 |
| KT25 | Built-in safe, 2 shelves | 37 | 76 | 20 |

Cabinet Advantages

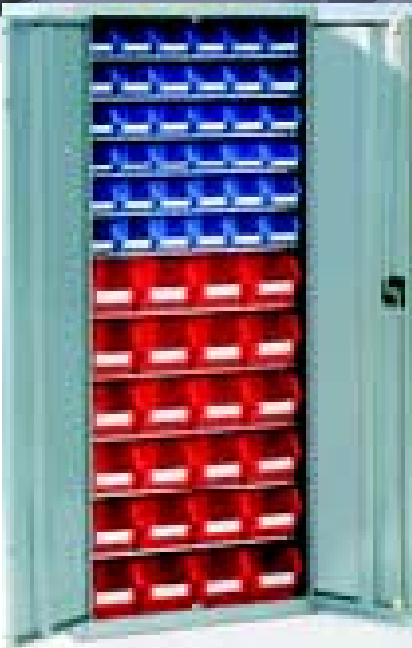
- All cabinets are manufactured from high-quality sheet metal
- The finish is silver grey, stove-baked enameled hammer finish
- Reinforced doors and galvanized shelves are standard
- For basic storage, Safix cabinets are available without containers
- Ideal for office, institutional or manufacturing facility
- Industrial strength with modern appearance

CABINETS



K 2432

K 2428



K 2436

| CABINETS | | | | | |
|----------|-----------------------|---------------------|----|----|-------------------------------|
| ORDER# | DESCRIPTION | DIMENSIONS (inches) | | | CONTAINERS INCLUDED |
| | | W | H | D | |
| K 2428 | with doors, 6 shelves | 37 | 76 | 16 | 28- LF1408085 |
| K 2432 | with doors, 7 shelves | 37 | 76 | 16 | 12 - LF140808 , 20 - LF140806 |
| K 2436 | with doors, 8 shelves | 37 | 76 | 16 | 36 - LF140806 |

Mobile Trolleys

Designed to provide the right parts at the right time and in the right place. Trolleys are built tough to last. Compatible with Schaefer containers, mobile trolleys can be used for assembly station replenishment or for mobile storage.

Mobile Trolley Features

- Solid welded construction
- Assembly with only 8 bolts
- Compatible with LF Containers
- 4" casters in hard rubber, 2 swivel and 2 fixed
- Frame baked enamel, trays galvanized



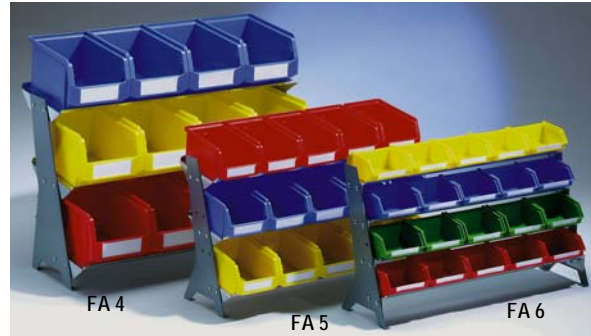
TROLLEYS

| MOBILE TROLLEYS | | | | |
|-----------------|--|---------------------|-------|-------|
| ORDER# | HOLDS CONTAINERS* | DIMENSIONS (inches) | | |
| | | L | W | H |
| R20 | 70 - LF090605 or 70 - 147.090605PT3 or 70 - 147.090605GV2 | 34.28 | 21.25 | 57.08 |
| R25 | 40 - LF090605, 70 - LF00503 or 40 - 147.090605PT3, 70 - 147060503PT3 or 40 - 147.090605GV2, 70 - 147060503GV2 | 34.28 | 21.25 | 57.08 |
| R30 | 140 - LF060503 140 - LF090605 or 140 - 147.090605PT3 or | 34.28 | 21.25 | 57.08 |
| R40 | 98 - LF090605 or 98 - 147.090605PT3 or 98 - 147.090605GV2 | 44.88 | 21.25 | 57.08 |
| R45 | 56 - LF090605, 100 - LF00503 or 56 - 147.090605PT3, 100 - 147060503PT3 or 56 - 147.090605GV2, 100 - 147060503GV2 | 44.88 | 21.25 | 57.08 |
| R50 | 200 - LF060503 200 - LF090605 or 200 - 147.090605PT3 or | 44.88 | 21.25 | 57.08 |

*containers must be ordered seperately

Small Parts Workstation Storage

Often, frequently used parts and supplies are kitted or stored near an assembly station in the plant, office or home. In many cases, it is desirable to have a portable tool case with all the supplies necessary for a maintenance or repair job. SSI has combined several of its standard components to provide a solution for the plant engineer, the home mechanic or handyman. These packaged solutions will provide you with the right part for your job. Additionally, if you have special requirements the uprights and wall panels can be configured to meet your needs.



SMALL PARTS STORAGE

| UPRIGHTS | RAILS | CONTAINERS INCLUDED |
|----------|-------|--|
| 2 | 8 | 70 - LF060503 |
| 2 | 7 | 30 - LF060503, 21 - LF090605 |
| 2 | 7 | 20 - LF060503, 28 - LF090605 |
| 2 | 7 | 30 - LF060503, 14 - LF090605, 5 - LF140806 |

Fix Assistant

- Time and space saver for production, repair and assembly
- Sheet metal frame, sides enameled hammer finish
- Galvanized trays, with adjustable tilt
- Raised front edge and back stop

FIX ASSISTANT

| ORDER# | DIMENSIONS (inches) | | | WITH OR WITHOUT CONTAINERS |
|--------|---------------------|------|-------|----------------------------|
| | L | W | H | |
| FA 4 | 24 | 9.5 | 15.25 | 12 - LF090605 |
| FA 5 | 21 | 8.25 | 13.75 | 15 - LF060503 |
| FA 6 | 21 | 7 | 13.75 | 20 - LF040402 |

Clip-On Rails and Uprights

- Rails fit into uprights attached to the wall
- Spacing of rails is adjustable
- Wall mounting hardware is included
- Available with compatible hopper front containers

CLIPON RAILS AND UPRIGHTS

| DESCRIPTION | MIN.WALL HT |
|-------------|-------------|
| 2 | 44 |
| 2 | 39 |



Clip-On Rails

Porta-Fix & Perma Fix

- Parts storage for the well-organized handyman or hobbyist
- Light but strong, stackable and portable
- Fits onto workbench or assembly table
- Robust, rigid case made of impact and shock-resistant polyethylene
- Pre-drilled holes for wall mounting
- Transparent plastic flaps protect contents
- Can be hinged together to form a handy tool box



When hinged together, Porta-Fix forms a handy tool box—PF 6

WORKSTATION STORAGE

PORTA-FIX

| ORDER# | DIMENSIONS (inches) | | | EQUIPPED WITH CONTAINERS | CONTAINER DIMENSIONS | | |
|--------|---------------------|-------|------|--------------------------|----------------------|------|---|
| | L | W | H | | L | W | H |
| PF5 | 14 | 18.5 | 6.75 | 12 - LF060503 | 6.25 | 3.75 | 3 |
| PF6 | 14 | 13.75 | 4 | 12 - LF040402 | 3.25 | 3.75 | 2 |

PERMA-FIX

| ORDER# | DIMENSIONS (inches) | | | EQUIPPED WITH CONTAINERS | # OF PANELS |
|---------|---------------------|------|-----|---------------------------|-------------|
| | L | W | H | | |
| FWP 182 | 14 | 18.5 | 7.9 | 18 - LF060402 | 1 |
| FWP 186 | 14 | 18.5 | 7.9 | 18 - LF040402 | 1 |
| FWP 189 | 14 | 18.5 | 7.9 | 9-LF040402, 9-LF060402 | 1 |

Wall-Mounted Perma-Fix

- Light-weight, sturdy polyethylene back panel
- Small enough to fit anywhere
- Hardware for wall mounting is included
- Available in four pre-packaged versions

Wall Panels

- Attached separately to suit specific space
- Width from 44.5"



Wall-Mounted Panels—FEL

WALL MOUNTED PANELS

| ORDER# | WIDTH | EQUIPPED WITH CONTAINERS |
|--------|-------|--------------------------|
| FEL 4 | 18.5 | 18 - LF060402 |
| FEL 5 | 18.5 | 18 - LF040402 |
| FEL 5 | 7 | 9—LF040402, 9—LF060402 |

*containers must be ordered separately

Pallet Storage and Retrieval Solutions for all industry sectors

SSI Schaefer can handle and store all manner of components and products.

Systems include:

- ⇒ Standard Pallet Racking
- ⇒ Pushback Pallet Racking
- ⇒ Automated Crane Racking
- ⇒ Drive-in Pallet Racking
- ⇒ Pallet Live Storage
- ⇒ Mobile Pallet Racking
- ⇒ Channel Pallet Storage

Standard Pallet Racking

SSI Schaefer provides strong, heavy duty pallet racking systems for daily use offering simple construction and installation using few components and bolted frames. They system, set to accommodate multi-location storage facilitating quick handling of goods, offers a number of configuration possibilities to suit all industries.

- ⇒ Serviceable by reach or counterbalance or narrow aisle fork lift trucks
- ⇒ 100% access to all pallets
- ⇒ Adjustable beams allow maximum height utilization
- ⇒ Case or full pallet picking from ground or upper level
- ⇒ Integrated in-rack sprinklers

Pushback Pallet Racking

SSI Schaefer Pallet racking can be equipped with roller or cart push back systems. The storage levels can be set to accommodate different pallet heights making maximum use of available floor space. This safe and efficient system can be operated using standard fork life trucks without the need to enter the racking

- ⇒ Works on first pallet in, last pallet out (FILO) principle
- ⇒ Full Pallet picking
- ⇒ Storage depth from two to 6 pallets
- ⇒ SKU dedicated to storage lane
- ⇒ Optimum warehouse floor space utilization
- ⇒ Safe system reduces rack damage
- ⇒ Works with standard Fork Lift Trucks
- ⇒ Suitable for cold store environments

Drive-in/Drive-through Pallet Racking

SSI Schaefer's drive-in/drive-through pallet racking system is particularly suited to the storage of large quantities of the same product for maximum storage capacity using the minimum amount of space. Picking and replenishment is facilitated by means of conventional forklift trucks which drive into the racks that are equipped with floor guide rails to protect the uprights and serve as guidance for the driver.

- ⇒ Maximum use of storage cube
- ⇒ More pallets can be stored compared with Wide and Narrow aisle systems
- ⇒ Used in bulk store and cold store warehouses
- ⇒ Provides pallet protection to fragile loads

Pallet Live Storage

This type of racking from SSI Schaefer is normally served using forklift trucks and reach trucks although hand pallet trucks can be used on the lowest level at the picking side. The storage principle of First In/First Out (FIFO) can be applied to handle goods with expiry dates, product batches and fast moving stock consolidation. The execution of gravity roller trans can be adapted using different roller pitches and break rollers to the respective stored goods while pallets can be served on multiple levels with an additional order-picking level or tunnel.

- ⇒ Highly compact storage system
- ⇒ Works on the FIFO principle
- ⇒ Ideal storage for pallet loads with shelf life
- ⇒ Automatic stock rotation
- ⇒ Pallet pick from one face
- ⇒ Accommodates Euro or Chep-type pallets

Mobile Pallet Racking

SSI Schaefer provides strong, heavy duty pallet racking systems for daily use offering simple construction and installation using few components and bolted frames. They system, set to accommodate multi-location storage facilitating quick handling of goods, offers a number of configuration possibilities to suit all industries.

- ⇒ Maximum space utilization—up to 85% increase in capacity
- ⇒ Motorized racking on mobile bases
- ⇒ Dense Pallet Storage or Cantilever Systems
- ⇒ Full Warehouse Control System
- ⇒ Optional Fully Automated Truck

Channel Pallet Storage—Orbiter

The Schaefer Orbiter System leads the way in providing safer, faster and more intelligent controllable shuttle system technology capable of travelling up to one meter per second. Allowing for high density storage with channels in excess of 20 pallets in depth with rapid availability of selected pallets on demand. The Orbiter increases capacity over traditional drive-in storage methods and can be operated in either First In/Last out or First In/First Put.

- ⇒ State of Art Operative Protection
- ⇒ High density storage system
- ⇒ High speed storage and retrieval (1m/sec)
- ⇒ Innovative power supply and docking station
- ⇒ Suitable for cold store environments

Automated Crane Racking

The Schaefer's Compact Crane system combines fully automated high bay pallet storage and retrieval technology with deep pallet channel storage. This makes absolute maximum use of height and floor space footprint. Ambient, chilled and cold store applications are possible. With full WMS integration this provides the benefits of a complete solution.

- ⇒ Maximum use of height
- ⇒ Automate control
- ⇒ Safe and predictable handling
- ⇒ High pallet throughput