

We know how to put extreme space to good use.

As the world's most sophisticated and respected manufacturer of materials handling systems, automated storage & retrieval systems we are always reaching new heights.

At SCHAEFER, we are determined to exceed your needs in today's competitive marketplace. From basic plastic containers, to a variety of shelving systems, we can design any system to accommodate your specific needs.

Call today for a complete needs assessment.







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.





Rk Shelf Containers



R3000 Accessories

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

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

12 R3000 Shelving





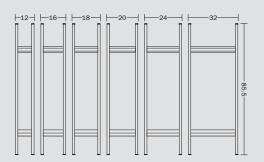
Wire Mesh Side and Back Panel with Cross Brace

R3000 F	R3000 Frames Assembled							
12" D	16" D	18" D	20" D	24" D	32" D	Height		
FR12085 FR12098 FR12118	FR16085 FR16098 FR16118	FR18085 FR18098 FR18118	FR20085 FR20098 FR20118	FR24085 FR24098 FR24118	FR32085 FR32098 FR32118	85.5" 98" 118"		

Frame Connector

To Tie and Space Frames Back-to-Back

Frame Connectors				
Order #	Space			
R3FC.0061	0.25"			
R3FC.0301	1.18"			
R3FC.0051	2"			
R3FC.3101	4"			
R3FC.3001	12"			



Upright Frames For Single-Level Units

Frame Heights 85.5", 98", and 118"

R3000 Cross Braces

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

R3000 Cross Braces					
36/39" W	48/50.5" D	Height			
CB393	CB503	85.5"			
CB393	CB503	98"			
2x CB393	2x CB503	118"			

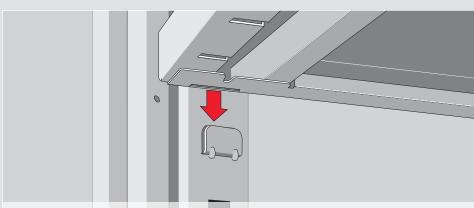
Cross Bracing

- 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

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.

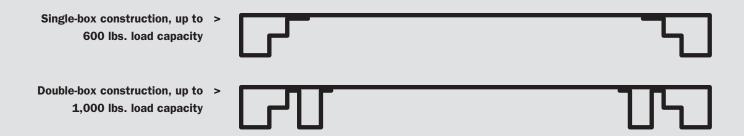
- Single box shelf supports up to 600lbs.
 and has two more bends than other boxstyle shelves
- The double box shelf supports up to 1,000 lbs. and is also the only one of its kind available on the market
- Shelves have a lap and welded seam design with rein-forced corners
- Shelves are slotted at 1 1/2" intervals for drop-in dividers
- Shelves come standard in 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

R3000 Adjus	stable Shelves				
Painted Single Box 600 lb. Cap.	Painted Gray Double Box 1,000 lb. Cap.	Galvanized Single Box 600 lb. Cap.	Galvanized Double Box 1,000 lb. Cap.	Shelf Depth	Shelf Width
\$1236.HGY2 \$1836.HGY2 \$2436.HGY2	— S1836.XGY2 S2436.XGY2	_ _	_ _ _	12" 18" 24"	36" 36" 36"
\$1239.HGY2 \$1639.HGY2 \$2039.HGY2 \$2439.HGY2 \$3239.HGY2*	\$1239.XGY2** \$1639.XGY2 \$2039.XGY2 \$2439.XGY2 \$3239.XGY2	\$1239.HGV2 \$1639.HGV2 \$2039.HGV2 \$2439.HGV2*		12" 16" 20" 24" 32"	39" 39" 39" 39" 39"
\$1248.HGY2 \$1848.HGY2 —	— S1848.XGY2 S2448.XGY2	=	_ _	12" 18" 24"	48" 48" 48"
\$1650.HGY2 — — —	— \$2050.XGY2 \$2450.XGY2 \$3250.XGY2	\$1650.HGV2 — — —		16" 20" 24" 32"	50.5" 50.5" 50.5" 50.5"

- * Double Box
- ** Single Box with Center Support



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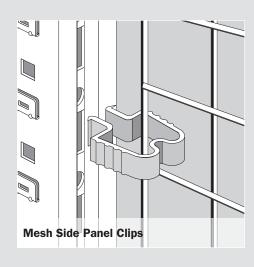


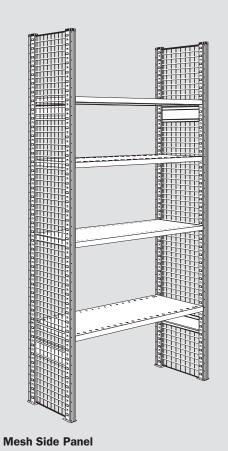
R3000 Side & Back Panels

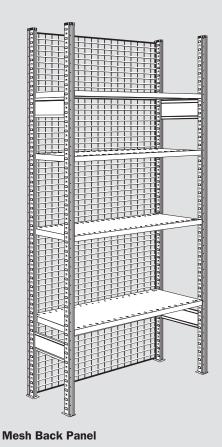
Wire Mesh Side & Back Panels

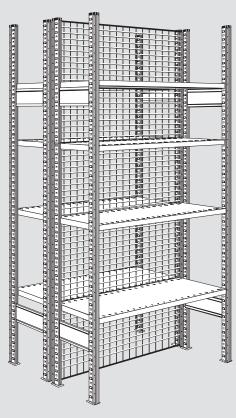
Bright galvanized, 10 gauge steel, 2" square. Side and back panels are secured with special clips.

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"	SP3.20085G1a	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				









Double Unit with Mesh Center Panel

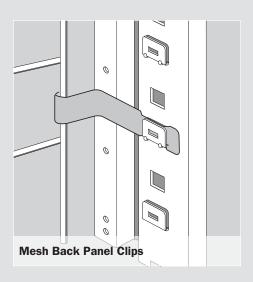
Solid Side Panels

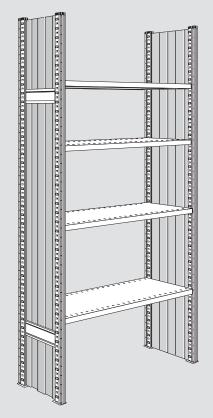
Galvanized steel. To install, lean side panel against side brace in end frame. When shelves are installed, side panel is held in place between end frame and shelves.

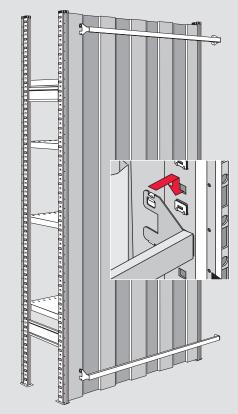
Solid Back Panels

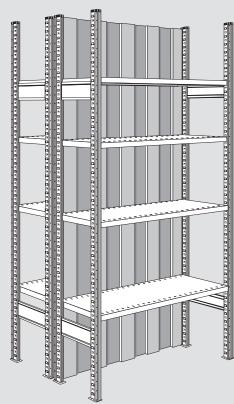
Galvanized steel. Three interlocking panels. Back panels are secured with 2 beams which fit over the back panels and hook into the lugs on the end frame. Center panels are placed between back to back storage bays.

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 Panel

Solid Back Panel (includes Beams)

Double Unit with Solid Center Panel

16 R3000 Shelving



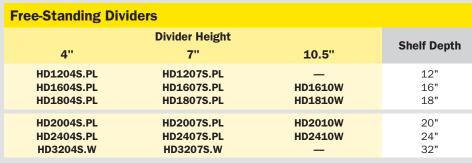
Shelf Dividers

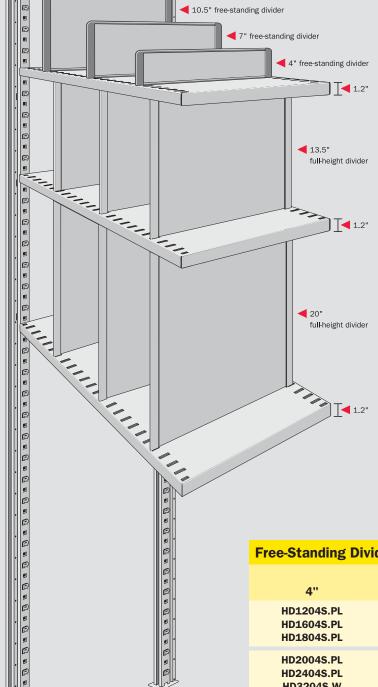
- Shelf dividers install quickly without grommets, clips, bolts or screws
- Dividers are quick and easy to rearrange
- Full-height dividers insert into slots in the top of one shelf and the bottom of the shelf above
- Free-standing dividers insert into slots at the front and back of the shelf, spaced at 1 1/2"
- Other divider heights may be avail-able upon request.
- Free-standing dividers have platic (PL) or wire (W) ends

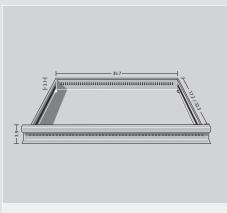


Free-Standing Dividers (L) and Full-Height Dividers (R)

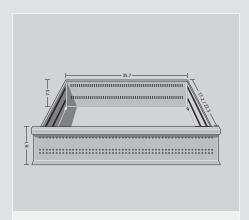
Full-Height Dividers					
Divider 13.5"	Height 20"	Shelf Depth			
FD1213	FD1220	12"			
FD1613 FD1813	FD1620 FD1820	16" 18"			
FD2013	FD2020	20"			
FD2413	FD2420	24"			







The 4" drawer has a usable height of 3.38"



The 8" drawer has a usable height of 7.5"

Drawers					
Order #	Width	Α	Depth	В	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 Holders & Labels		
Label Holders (50 Quantity)	Labels (100 Quantity)	Width
R3LH.195	R3LB.195	19"

Drawers

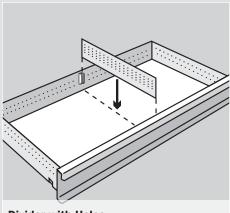
By adding drawers, basic shelving bays easily turn into modular small parts storage systems. A convenient alternative to modular drawer cabinets.

- 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 prepunched 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 to 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

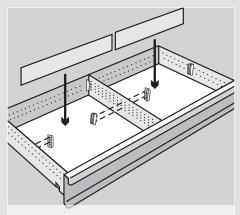


Modular Drawer Dividers

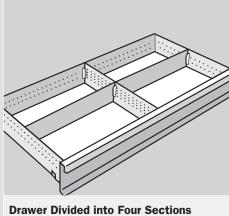
- Dividers insert into holes in the sides of the drawer
- Partitions with snap-in plastic adapters available for further sectioning
- EK Boxes can be used to subdivide drawers into a variety of smaller compartments



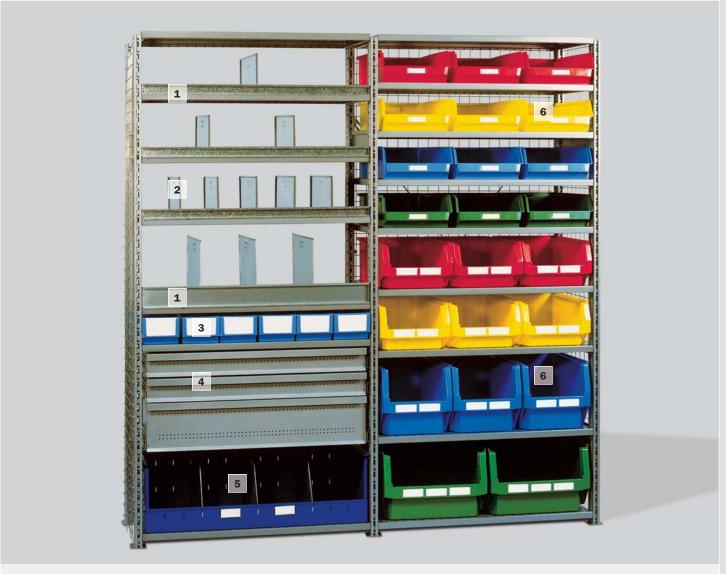
Divider with Holes



Cross Dividers without Holes



Drawer Divi	Drawer Divider Kits						
Order #	Extra Partition	Drawer Width	Drawer Depth	Drawer Height	# of Compart- ments	Drawer Width	Drawer Depth
SE4121	QTE1210	39"	16"	4"	4 (2W x 2D)	17.5"	6.5"
SE4122	QTE1220	39"	16"	8"	4 (2W x 2D)	17.5"	6.5"
DDS.18360404	QTE3210	36"	18"	4"	4 (2W x 2D)	16.25"	7.75"
DDS.18360804	QTE3220	36"	18"	8"	4 (2W x 2D)	16.25"	7.75"
SE5121	QTE1210	39"	20"	4"	4 (2W x 2D)	17.5"	8.25"
SE5122	QTE1220	39"	20"	8"	4 (2W x 2D)	17.5"	8.25"
SE6121	QTE1210	39"	24"	4"	4 (2W x 2D)	17.5"	11"
SE6122	QTE1220	39"	24"	8"	4 (2W x 2D)	17.5"	11"
SE4141	QTE1410	39"	16"	4"	8 (4W x 2D)	8.75"	6.5"
SE4142	QTE1420	39"	16"	8"	8 (4W x 2D)	8.75"	6.5"
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)	8.75"	8.25"
SE5142	QTE1420	39"	20"	8"	8 (4W x 2D)	8.75"	8.25"
SE6141	QTE1410	39"	24"	4"	8 (4W x 2D)	8.75"	11"
SE6142	QTE1420	39"	24"	8"	8 (4W x 2D)	8.75"	11"
SE4181	QTE1810	39"	16"	4"	16 (8W x 2D)	4.25"	6.5"
SE4182	QTE1820	39"	16"	8"	16 (8W x 2D)	4.25"	6.5"
DDS.18360416	QTE3810	36"	18"	4"	16 (8W x 2D)	3.75"	7.75"
DDS.18360816	QTE3820	36"	18"	8"	16 (8W x 2D)	3.75"	7.75"
SE5181	QTE1810	39"	20"	4"	16 (8W x 2D)	4.25"	8.25"
SE5182	QTE1820	39"	20"	8"	16 (8W x 2D)	4.25"	8.25"
SE6181	QTE1810	39"	24"	4"	16 (8W x 2D)	4.25"	11"
SE6182	QTE1820	39"	24"	8"	16 (8W x 2D)	4.25"	11"
SE41161	QTE1810	39"	16"	4"	24 (8W x 3D)	4.25"	4.25"
SE51161	QTE1810	39"	20"	4"	24 (8W x 3D)	4.25"	5.5"
SE61161	QTE1810	39"	24"	4"	24 (8W x 3D)	4.25"	4.25"
SE41241	QTE1810	39"	16"	4"	32 (8W x 3D)	4.25"	3"
SE51241	QTE1810	39"	20"	4"	32 (8W x 3D)	4.25"	4"
SE61241	QTE1810	39"	24"	4"	32 (8W x 3D)	4.25"	5.25"
SE51321	QTE1810	39"	20"	4"	40 (8W x 5D)	4.25"	3.25"
SE61321	QTE1810	39"	24"	4"	40 (8W x 5D)	4.25"	4.25"



Accessories shown on R3000 shelving unit

- **1** Bin Front
- 2 Divider
- **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

- 3 RK Containers
- 4 Drawer

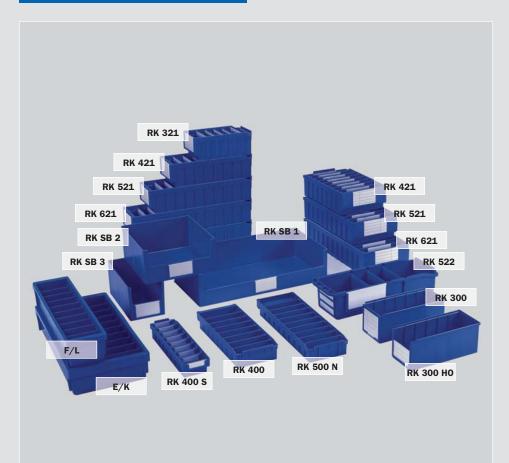
- 5 Storage Trays
- **6** LF Containers

R3000 Storage Trays & Dividers					
Tray 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"		

Labels & Ho	Labels & Holders					
Holders (50 QTY)	Labels (50 QTY)	Length				
EHK.75 EHK.85 EHK.135	EHK.75 EHK.85 EHK.135	3" 3.37" 5.37"				

Storage Tray Support Rails			
Order #	Depth		
STS.16 STS.20	16" 20"		





RK Shelf Containers

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

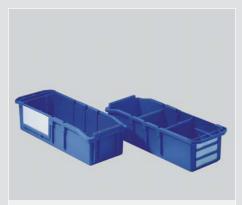
Features

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

RK Shelf Containers

RK Containers for 39" Wide Shelving							
Order #	Out L	tside Dimensio W	ons H	Depth	Containers per 39" W Shelf	Shelf Layer Height	Number of Comparments
RK 300 RK 300 HO RK 321 RK SB 1 RK SB 2 RK SB 3	11.9" 11.9" 11.5" 12.6" 12.6"	5.4" 5.4" 6.4" 23.5" 11.7" 5.8"	4.8" 4.6" 5.8" 5.8" 5.8"	12"	7 7 6 1+ 3 6	6.25" 6.25" 6.25" 8.43" 8.43"	6 6 1 1
RK 400 S RK 400 RK 421 RK 421 B	15.4" 16.1" 16.1" 19.3"	3.9" 6.4" 6.4" 6.4"	2.6" 2.6" 4.6" 2.6"	16"	10 6 6 4	6.25"	8
RK 500 N RK 521 RK 521 B RK 522	19.3" 20" 19.3" 20.5"	6.4" 6.4" 9.6" 7.5"	2.6" 4.6" 4.6" 4.8"	20"	6 6 4 5	4.17" 6.25" 6.25" 6.25"	10 10 10 4
RK 619 RK 621 RK 621 B RK 629 FL 230504 EK 231004	24.4" 23.3" 23.3" 23.6" 23.5" 23.2"	4.6" 6.4" 9.6" 9.1" 5.2" 10.6"	3.6" 4.6" 4.6" 3.6" 4.4" 4.4"	24"	8 6 4 4 7 3	6.25"	12 12 12 12 10 10

RK Shelf Containers



RK 522 Container Labels on the front and side



RK Containers Accesories					
For Container	Front Label	Front Label Protector*	Divider	Divider Label*	Divider Label Protector*
RK 300 RK 300 HO RK 321 RK SB 1 RK SB 2 RK SB 3	RKE 300 RKE 300 HO RKE 321 RKE SB 1 RKE SB 1 RKE SB 1	RKF 300 RKF 300 HO RKF 321 RKF SB 1 RKF SB 1 RKF SB 1	RKT 300 RKT 300 RKT 321 — —		RKF 500 N — — —
RK 400 S RK 400 RK 421 RK 421 B	RKE 400 S RKE 500 N RKE 321 RKE 321	RKF 400 S RKF 500 N RKF 321 RKF 321	RKT 400 S RKT 400 RKT 5421 RKT 5421 B	RKE 400 S RKE 400 RKE 400 RKE 500 N	RKF 400 S RKF 400 RKF 400 RKF 500 N
RK 500 N RK 521 RK 521 B RK 522	RKE 500 N RKE 321 RKE 321 RKE 522 S	RKF 500 N RKF 321 RKF 321 RKF 522 S	RKT 500 N RKT 5421 RKT 5421 B RKT 522	RKE 500 N RKE 400 RKE 500 N RKE 522 L**	RKF 500 N RKF 400 RKF 500 N RKE 522 L**
RK 619 RK 621 RK 621 B RK 629 FL 230504 EK 231004	RKE 619 RKE 321 RKE 321 RKE 629 —	RKF 619 RKF 321 RKF 321 RKF 629 —	RKT 61 RKT 5421 RKT 5421 B RKT 62 — —	RKE 619 RKE 400 RKE 500 N RKE 629 —	RKF 619 RKF 400 RKF 500 N RKF 629 —

^{* 100} Per Pk

^{**} For Sides





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

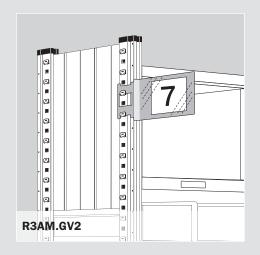


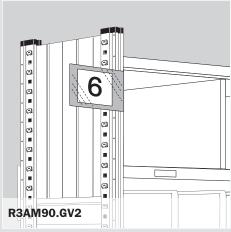
LF Hopper Front Containers for 20" Deep Shelving						
04 #	Outside Dimensions			Capacity	LF Containers Across Shelves	
Order #	L	W	Н	(cu.ft.)	39" Wide	50.5" Wide
LF 200606	19.7"	6.2"	5.8"	0.27	6	8
LF 201206	20.1"	12.5"	5.8"	0.57	3	4
LF 201208	19.7"	12.3"	7.9"	0.83	3	4
LF 201212	19.7"	12.3"	11.9"	1.34	3	4
LF 201812	19.7"	18.4"	11.9"	2.01	2	n/a

Accessories And Parts

Aisle Markers

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

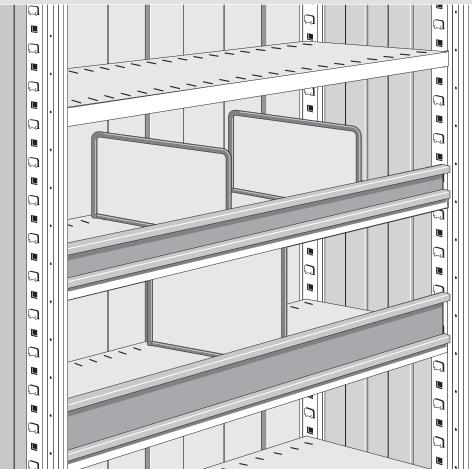




Bin Fronts for R4000 & R3000 Shelving

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

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.1584	48"	1.5"
BF.3548	48"	3.5"
BF.1550	50.5"	1.5"
BF.3550	50.5"	3.5"

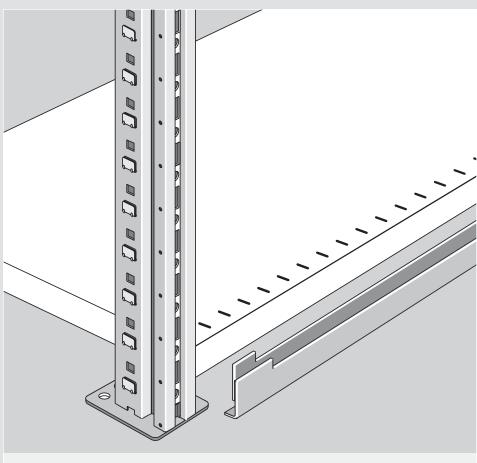


24 Shelving Accessories



Base Rail (R3000)

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



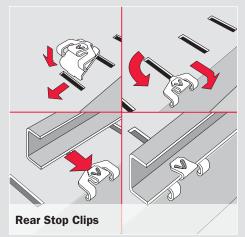
Base Rail

Rear Stops for R4000 & R3000 Shelving

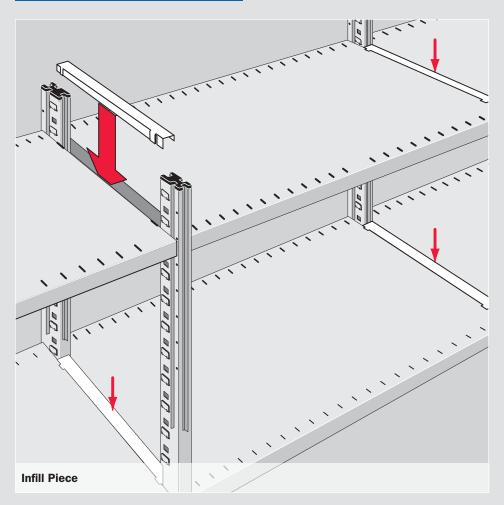
- Keep parts from falling off the back of the shelf
- Can be used to divide bays in doubleunit applications



Shelf with Rear Stop (View from Back)



Rear Stops		
Item	Width	Height
RS.361	36"	.38"
RS.3615	36"	1.5"
RS.391	39"	.38"
BF.3915	39"	1.5"
RS.481	48"	.38"
RS.4815	48"	1.5"
RS.501	50.5"	.38"
RS.5015	50.5"	1.5"



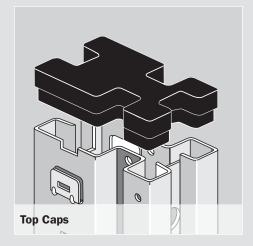
Infill Pieces

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

Infill Pieces	
Depth	Order #
12" 16" 20" 24"	R3IFP.12 R3IFP.16 R3IFP.20 R3IFP.24

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		
	Ord	er#
Length	Labels (100 Qty)	Holders (50 Qty)
3 1/2" 5 1/2"	R3LH.035 R3LH.055	R3LH.035 R3LH.055
19 1/2"	R3LH.195	R3LH.195