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S-Series Storage Shelving

Part Number:



S Series Storage Shelving features integrated wood and steel construction for strength and economy. Shelves come pre-assembled for ease of installation and includes all-steel Uprites, one-piece Shelves and Crossbraces.

Product Details:

- Integrated wood and steel construction for strength and economy
- Pre-assembled all steel Uprites, one-piece Shelves, and Crossbraces for easy installation (Open Uprite Pat. # 6,085,918)
- Particleboard Shelves are reinforced with steel channels front and back
- Standard Finish: GLV (Galvanized) unless otherwise noted

SIZE INFORMATION

- Clear opening between posts: nominal shelf width minus 1 1/4"
- Overall length of continuous run: the sum of the nominal section widths plus 1 1/4" to account for end posts
- Overall depth equals the nominal depth
- Vertical clearance between shelves equals the center-to-center shelf spacing minus 3/4"
- Vertical adjustment 2" on centers

CAPACITY PER SHELVING SECTION

Vertical Shelf Spacing	Regular Duty (XR) Crossbraces	Heavy Duty (XH) Crossbraces or Back Panel
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< 24"	1,200 lbs	3,000 lbs
24" - 36"	1,200 lbs	2,500 lbs
36" - 48"	1,200 lbs	2,000 lbs
48" - 60"	1,200 lbs	1,500 lbs
> 60"	Not recommended	Not recommended

NOTE: Shelving Sections loaded beyond 1,200 lbs require Heavy Duty Crossbraces or Back Panel.

How to Order



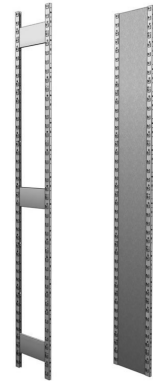
COMPONENTS (ORDER SEPARATELY OR BY SECTION*):

- A** - S-Series Storage Shelving Upright Assembly, Open #SSU__N (one Upright required per section + one at end)
- B** - S-Series Crossbrace #SSX (refer to table to determine minimum quantity and placement)
- C** - S-Series Storage Shelf #SS (optional - quantity may vary)
- D** - S-Series Storage Shelving Upright Assembly, Closed #SSU__P (one Upright required per section + one at end)
- E** - S-Series Back Panel #SSBP (refer to table to determine minimum quantity and placement)
- F** - S-Series Storage Shelf, Wire Grid #SS__WG (optional)

***Note:** S-Series Shelving components may be ordered separately or by Section. Sections include one Upright, two Shelves, and options for Crossbrace or Back Panels. One additional Upright must be ordered to finish each continuous run of Sections.

S-Series Storage Shelving Upright Assembly

- Made of galvanized steel posts
- Two Styles: Open and Closed Uprights
- Open Upright has galvanized steel Upright braces (Pat. # 6,085,918)
- Closed Upright has 5/8" unfinished particleboard panel between two steel Upright posts
- Shelf lances are 2" on center
- One assembly required for each section and at the end of each run



Product Options and Numbers

Example Part #: **SSU 12 048 N GLV**

S-Series Storage Upright Assembly: SSU

Section Depth: 12", 18", 24", 30"

Section Height: 048", 060", 072", 084", 096", 108", 120", 144"

Upright Style: N, P

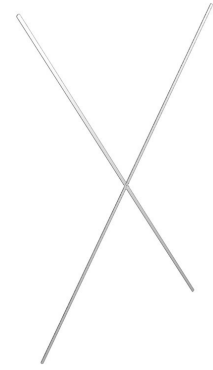
Standard Finish: GLV

Suffix Key

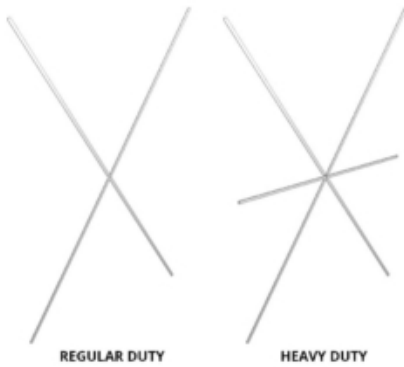
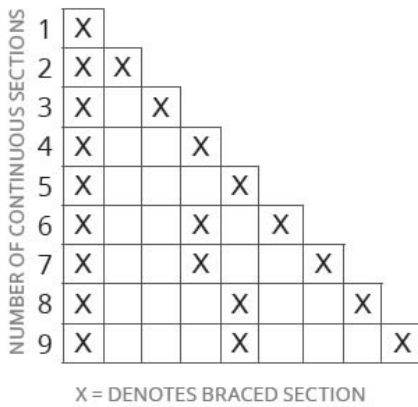
N	- Open Upright Style
P	- Closed Upright Style
GLV	- Galvanized

S-Series Storage Crossbrace

- S-Series Storage Sections must be stabilized with either Crossbraces or Back Panels
- Crossbraces (or Back Panels) are required on end sections of each run and every fourth section in between for stabilization
- See diagram below for minimum recommended placement of Crossbraces per run
- Back-to-back runs can share Crossbraces if Uprights are securely connected with S-Series Storage Screws (#SS2221)
- If section height is over 96", the part number below includes two sets of Crossbraces for the section (one lower and one upper Crossbrace)



MINIMUM BRACING REQUIREMENTS DIAGRAM



Product Options and Numbers

Example Part #: **SSX 4 48 R GLV**

S-Series Crossbrace: **SSX**

Section Width: 3', 4'

Section Height: 36", 48", 60", 72", 84", 96", 108", 120", 144"

Bracing Type: R, H

Standard Finish: **GLV**

Suffix Key

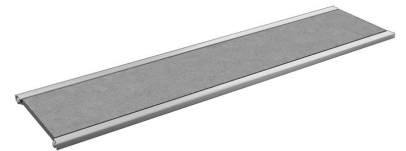
R	- Regular Duty Crossbrace
H	- Heavy Duty Crossbrace
GLV	- Galvanized

S-Series Storage Shelves

- Pre-assembled, no loose hardware needed
- Easy to install and reposition, adjusts in 2" vertical increments

PARTICLEBOARD S-SERIES STORAGE SHELF

- 5/8" industrial grade particleboard
- Regular Duty reinforced with 3/4"D x 3/4"H galvanized steel channels
- Heavy Duty reinforced with 1 1/4"D x 3/4"H galvanized steel channels
- Regular Duty - Evenly distributed load of 500 lbs per Shelf
- Heavy Duty - Evenly distributed load of 600 lbs per Shelf



WIRE GRID S-SERIES STORAGE SHELF

- 1" x 6" Wire Grid
- Reinforced 1 1/4"D x 3/4"H galvanized steel channel
- Provides for light penetration, water flow through for sprinklers and cleanliness
- Evenly distributed load of 500 lbs per Shelf

Product Options and Numbers

Example Part #: **SS 4 12 R GLV**

S-Series Storage Shelf: SS

Section Width: 3', 4'

Shelf Depth: 12", 18", 24", 30"

Shelf Type: R, H, WG

Standard Finish: GLV

Suffix Key

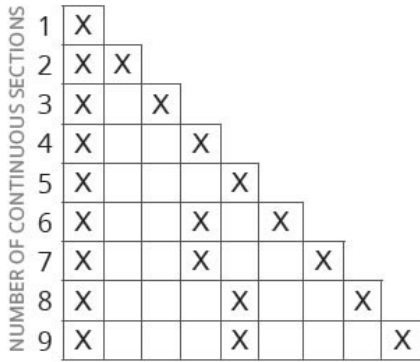
R	- Regular Duty Shelf
H	- Heavy Duty Shelf
WG	- Wire Grid
GLV	- Galvanized

S-Series Storage Shelving Back Panels

- 1/8" Hardboard, unfinished
- 108" - 144" Backs are two-pieces joined with a Splicer
- Notched to accept Back-to-Back Connectors
- Can use on back of each section to create a closed or "closet" section
- Back Panels (or Crossbraces) are required on ends of each run and every fourth section in between for stabilization
- See diagram below for minimum recommended placement of Back Panels per run
- Components include Back Panel(s), Screws, Washers and Splicer (ordered separately)



MINIMUM BRACING REQUIREMENTS DIAGRAM



X = DENOTES BRACED SECTION

HOW TO ORDER BACK PANELS

Back Panel component requirements vary by Section Height. See chart below to determine part numbers and quantities needed for each section.

SECTION HEIGHT	36"W SECTION BACK PANEL QTY
36"	1 (SSBP36036)
48"	1 (SSBP36048)
60"	1 (SSBP36060)
72"	1 (SSBP36072)
84"	1 (SSBP36084)

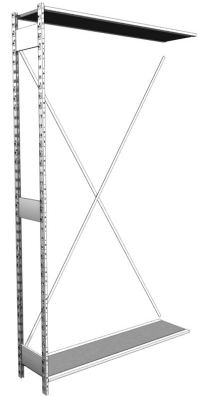
96"	1 (SSBP36096)
108"	1 (SSBP36084) + 1 (SSEBP36024)
120"	1 (SSBP36084) + 1 (SSEBP36036)
144"	1 (SSBP36072) + 1 (SSEBP36072)

Back Panel Standard Finish: N/A (no finish)

Product Options and Numbers

S-Series Storage Shelving Sections

- One S-Series Storage Upright Assembly required to finish each continuous run, including single sections
- Order Crossbrace or Closed Back sections based on specifications (see tables below)
- Refer to table below to determine if Regular Duty or HD Crossbraces are needed.
- Can also order Crossbraces and Back separately
- See table below for system load rating
- Note: Back panels provide HD load capacity.



ONE SECTION INCLUDES:

- One S-Series Upright (Open or Closed)
- Back or Crossbrace (if required - see Stabilization Requirements diagram below)
- Top and bottom Shelf (two Shelves per section)

STABILIZATION REQUIREMENTS DIAGRAM

1	X								
2	X	X							
3	X		X						
4	X			X					
5	X				X				
6	X			X		X			
7	X			X			X		
8	X				X			X	
9	X				X				X

X = DENOTES BRACED SECTION

SECTION CAPACITY

Vertical Shelf Spacing	Regular Duty (XR) Crossbraces	Heavy Duty (XH) Crossbraces or Back Panel
< 24"	1,200 lbs	3,000 lbs
24" - 36"	1,200 lbs	2,500 lbs
36" - 48"	1,200 lbs	2,000 lbs
48" - 60"	1,200 lbs	1,500 lbs
> 60"	Not recommended	Not recommended

NOTE: Shelving Sections loaded beyond 1,200 lbs require Heavy Duty Crossbraces or Back Panel.

ORDERING INSTRUCTIONS

1. Order desired number of S-Series Storage Shelving Sections per the features and options detailed below.
2. Order one additional S-Series Upright Assembly to finish the end of the run.
3. Order desired quantity and style of additional Shelves. Two Shelves are included in the Section.

Product Options and Numbers

S-Series Storage Shelving Section

Upright Style: **Open**, Closed

Stabilization Type: **Regular Duty Cross Brace**, Heavy Duty Cross Brace, Unbraced, Hardboard Back

Section Width: 36", **48"**

Section Depth: **12"**, 18", 24", 30"

Section Height: 48", 60", 72", **84"**, 96", 108", 120", 144"

Shelf Style: **Regular Duty**, Heavy Duty, Wiregrid

Upright and Shelf Finish: **GLV**

Stabilization Finish: **GLV**(Crossbrace), N/A (Backs), N/A (unbraced)

Suffix Key

GLV	- Galvanized
N/A	- No Finish