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S-Series Storage Shelving

Part Number: **Part Numbers:** SSU_, SSX_, SS_, SSBP_



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):

- 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 diagram below 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 diagram below to determine minimum quantity and placement)
- F** - S-Series Storage Shelf, Wire Grid #SS__WG (optional)

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

S-Series Storage Shelving Upright Assembly

- Made of galvanized steel posts
- Two Styles: Open and Closed Uprites
- Open Uprite has galvanized steel Uprite braces (Pat. # 6,085,918)
- Closed Uprite has 5/8" unfinished particleboard panel between two steel Uprite 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

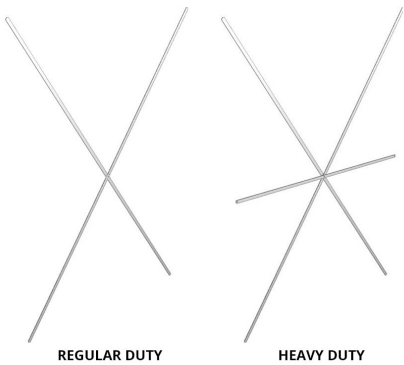
Standard Finish: **GLV**

Suffix Key

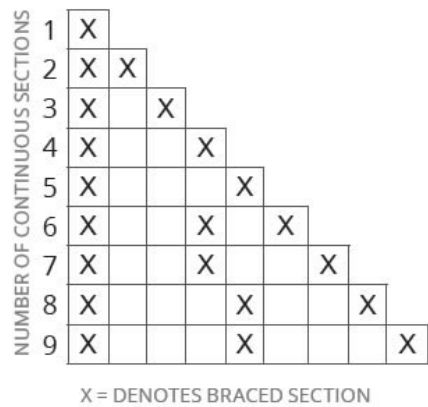
- N** - Open Uprite Style
- P** - Closed Uprite Style
- GLV** - Galvanized

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 Uprites are securely connected with S-Series Storage Screws (#SS2221)
- If the section height is over 96", two sets of Crossbraces are required for the section (one lower and one upper Crossbrace - see tables below)



MINIMUM BRACING REQUIREMENTS DIAGRAM



REGULAR DUTY APPLICATION			HEAVY DUTY APPLICATION		
SSU Height	Qty/Section	Crossbrace Part #	SSU Height	Qty/Section	Crossbrace Part #
36H	1	SSX 36RD	72H	1	SSX 72HD
48H	1	SSX 36RD	84H	1	SSX 72HD
60H	1	SSX 36RD	96H	1	SSX 72HD
72H	1	SSX 72RD	108H	2	SSX 72RD
84H	1	SSX 72RD	120H	2	SSX 72RD
96H	1	SSX 72RD	144H	1	SSX 72HD
* need to specify 3ft or 4ft width			* need to specify 3ft or 4ft width		

Product Options and Numbers

Example Part #: **SSX 4 72 RD GLV**

S-Series Crossbrace: **SSX**

Section Width:3',**4'**

Crossbrace Height:36",**72"**

Crossbrace Type: **RD**, HD (72"H only)

Standard Finish: **GLV**

Suffix Key	
RD	- Regular Duty Crossbrace
HD	- 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

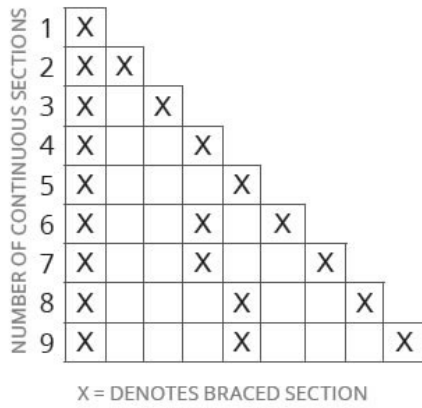
Suffix Key	
R	- Regular Duty Shelf
H	- Heavy Duty Shelf
WG	- Wire Grid
GLV	- Galvanized

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



Product Options and Numbers

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)