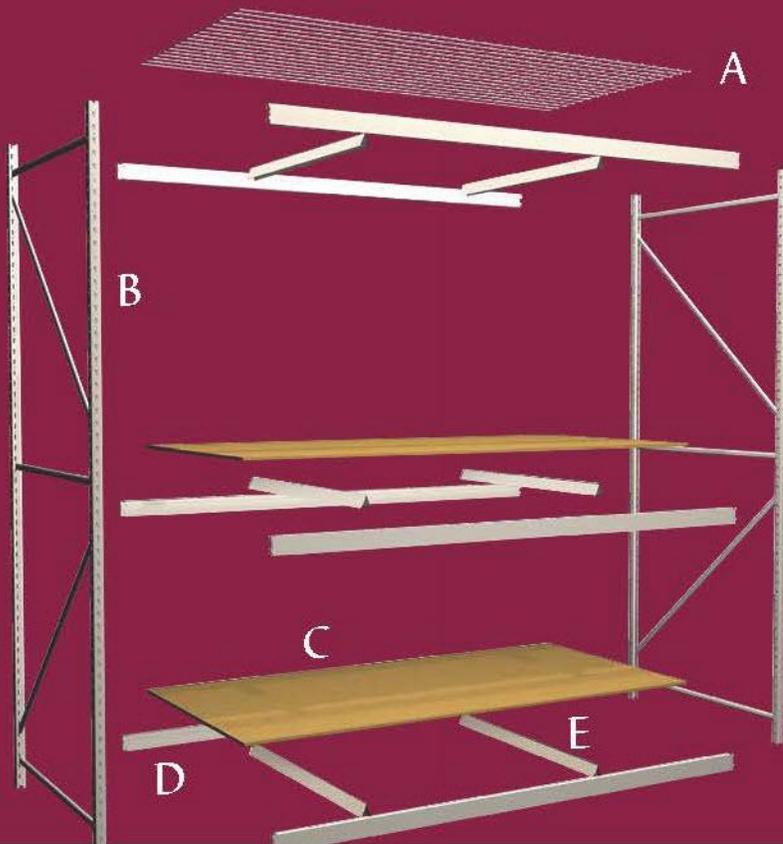


Widespan



Widespan



Widespan

Components:

- A = Wiregrid Shelf
- B = Widespan Upright
- C = Particleboard Shelf
- D = Widespan Beam
- E = Shelf Support

Widespan:

- Includes four basic components:
Upright Frames
Beams
Shelf Supports
Shelves

Dimensional Information:

- Clear opening between posts:
Nominal shelf width plus 1/2"
- Overall length:
(Nominal section width + 1/2") times the number of sections, + 1 3/4" for each post in the run
- Overall depth:
2 1/4" greater than the nominal depth of the unit
- Vertical clearance between shelves:
Regular Duty Beam:
3 1/4" less than the center-to-center shelf spacing
Heavy Duty Beam:
4 3/4" less than the center-to-center shelf spacing
- Shelves adjustable 2" on center
- No cross bracing required
- Welded Upright Frame



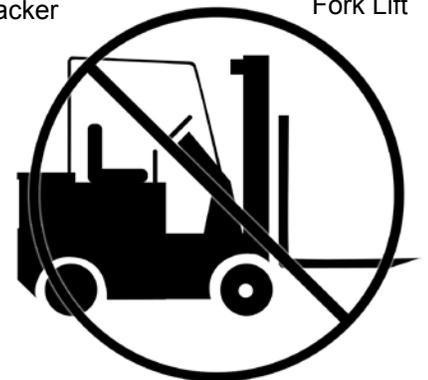
WARNING: Multi-Function Beams are intended to be used with Multi-Function Shelf Supports. If Shelf Supports are not installed then the beams MUST utilize a Widespan Multi-Function Beam Locking Clip (WS1291 or WS9111 pg.706) depending on the beam location. Failure to do this could allow the Beam to become disengaged causing product damage or personal injury.

Pallet Loaded Widespan Considerations:

- **WARNING:**
- Forklifts must not be used,
- Only hand loader/stacker can be safely used
- Order "RE" Reinforced Upright Frames when using hand loader/stacker
- Shelf supports are required for all applications to stabilize beam, if not used then beam locking clip is required
- Aisle side Upright posts must be anchored to floor
- Total weight of palletized goods MUST NOT exceed one half of uniformly distributed Beam capacity
- Allow at least 3" clearance between pallet & Upright Frame, at least 4" clearance between pallets
- Pallets should overhang both Beams by at least 2", otherwise Particleboard or Wiregrid Shelves must be used



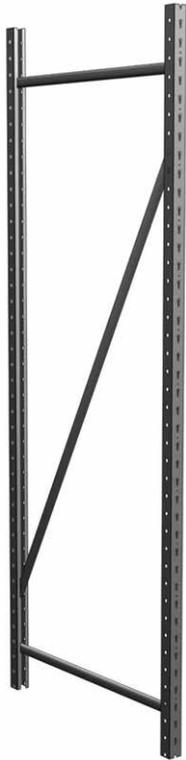
Hand Loader/Stacker



Fork Lift

Widespan Uprights

Upright Frame

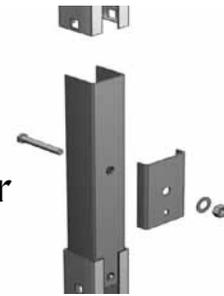


One Piece Upright

Upright Frame:

- Upright post slotted on face, allow shelf adjustment 2" on center
- Square holes punched on sides of Upright post for accessories
- Accessory holes on face of Upright punched 6" on center also aid beam placement
- Top Caps included on each Upright
- One Frame required for each section, plus one at end of each run
- One-piece Uprights from 48" - 120"
- Two-piece Uprights over 120" (Upright Connectors included)
- Floor Anchors, Floor Protectors, or Back to Back Connectors may be ordered (pg 705-706)
- Uniformly distributed load of 10,000 lb. (per Upright frame at 48" max. Beam spacing, vertically)
- Add "SPC" to part number for additional packaging to provide increased protection under harsh shipping conditions
- **For pricing see section 700, pg 1-4**

Upright Connector



Upright Connector:

- Used to extend new or existing Upright Frames
- Included with: two-piece Upright Frames (132" - 192")
- Two Connectors required per Upright Frame (front & rear)
- **For pricing see section 700, pg 9**

EXAMPLE PART NO.

WSU	18	048		
-----	----	-----	--	--

WSU = Widespan Upright

18 = Depth: 18", 24", 30", 36", 42", 48"

048 = Height: 48", 60", 72", 84", 96", 120"

Options:

RE = Reinforced Upright for hand loader/
stacker applications

SPC = Additional packaging

STANDARD FINISH:

PLT

- Optional Tier I & II colors

STANDARD FINISH:

PART NO.
WSUC

GLV

- Galvanized

Two Piece Upright

EXAMPLE PART NO.

WSU	18	144			U
-----	----	-----	--	--	---

WSU = Widespan Upright

18 = Depth: 18", 24", 30", 36", 42", 48"

144 = Height: 132", 144", 156", 168", 192"

Options:

RE = Reinforced Upright for hand loader/
stacker applications

SPC = Additional packaging

U = Unit

(two Upright Frames & two WSUC.GLV)

STANDARD FINISH:

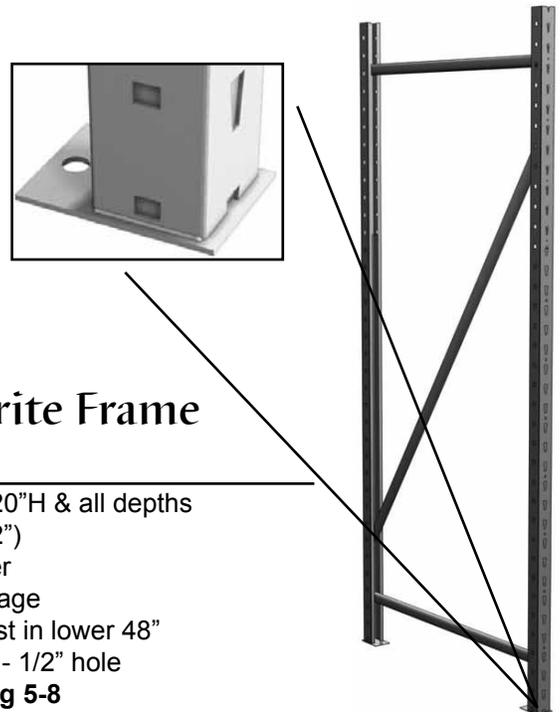
PLT

- Optional Tier I & II colors

Reinforced Upright Frame

Reinforced Upright Frames:

- "RE" Frame available in 72" - 120"H & all depths (lower Frame only on 132" - 192")
- For use with hand loader/stacker
- Reduces chance for frame damage
- Channel welded inside each post in lower 48"
- Welded foot plate for anchoring - 1/2" hole
- **For pricing see section 700, pg 5-8**



Extra Top Cap:

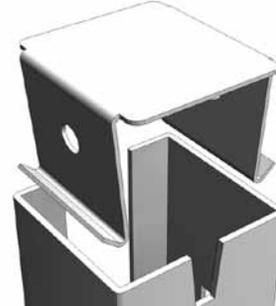
- Trim top of Uprites
- Included with new Uprites
- **For pricing see section 700, pg 9**

PART NO.
WS1321

STANDARD FINISH:

GVN
• Galvaneal

Extra Top Cap



Back-to-Back Connector:

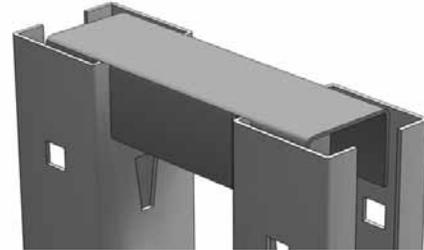
- Recommended on back to back Widespan runs
- One at top & one at bottom
- Designed to space Uprites 2 1/4" apart to allow clearance for adjustment of back Beams
- Bottom connector can be omitted if Floor Anchors or Shims are used
- **For pricing see section 700, pg 9**

PART NO.
WS1231

STANDARD FINISH:

GLV
• Galvanized

Back-to-Back Connector



Floor Protector/Shim:

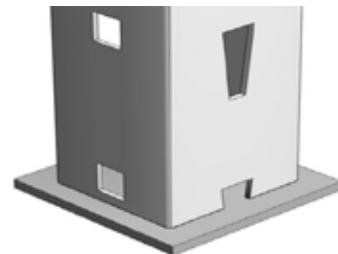
- 1/16" thick steel pad protects floors under posts
- Two required per Uprite Frame
- Pads will stack to shim frames on uneven floors
- **For pricing see section 700, pg 9**

PART NO.
WS1251

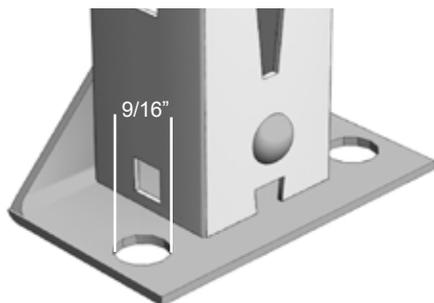
STANDARD FINISH:

GLV
• Galvanized

Floor Protector/Shim



Floor Anchor



Floor Anchor:

- Heavy gauge steel angle fastens Uprite Frame to floor
- Required when height-to-depth ratio exceeds 6 to 1
- Use as required to meet seismic anchoring specifications
- Includes Uprite mounting bolt, floor anchor not included
- **For pricing see section 700, pg 9**

PART NO.

WS1241

STANDARD FINISH:

GLV

- Galvanized

Beam Locking Clip (for intermediate Uprite slots)



Beam Locking Clip:

- Used for all beam locations other than the top of Uprite
- Snap into Uprite slots to prevent Beam movement
- Used at each end of Beam or two adjacent Beams in same slot
- Must be used when not using Shelf Supports (WSSS)
- **For pricing see section 700, pg 9**

PART NO.

WS1291

STANDARD FINISH:

STS

- Stainless Steel

Beam Locking Hardware (for top Uprite slots)



Beam Locking Hardware:

- **For use on beam levels at very top of Uprite**
- Bolt on to Uprite to prevent Beam movement
- Used at each end of Beam or two adjacent Beams in same slot
- Must be used when not using Shelf Supports (WSSS)
- **For pricing see section 700, pg 9**

PART NO.

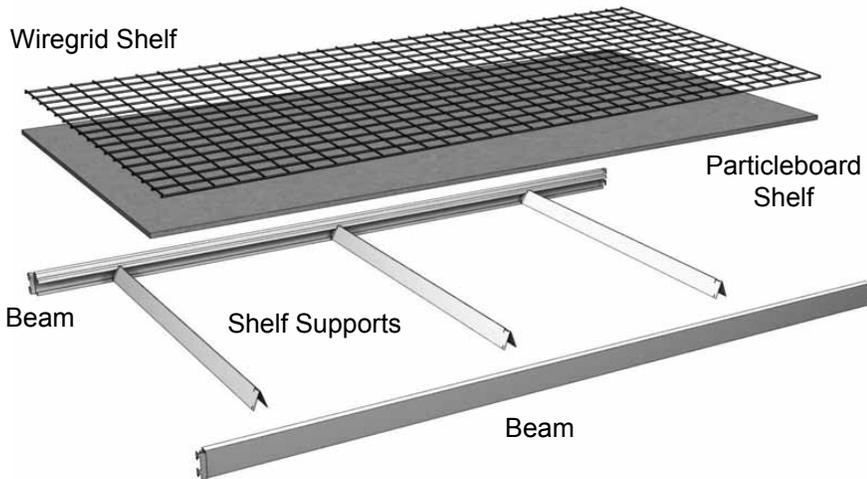
WS9111

STANDARD FINISH:

N/A

Widespan Shelf Assembly

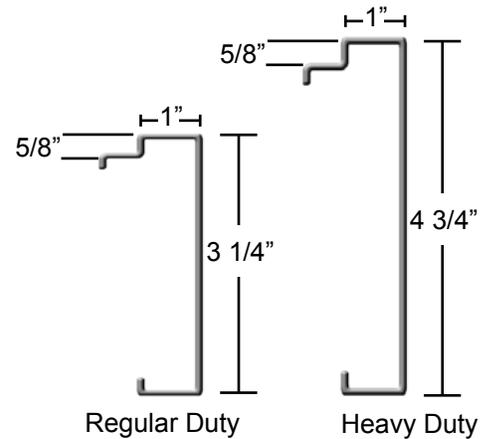
Shelf Assemblies



Shelf Assemblies:

- Includes:
 - 2 Widespan Beams
 - 1 Widespan Shelf:
 - Particleboard or Wiregrid
 - Number of Shelf Supports requested (See load chart)
- Available in two types: (load capacity per pair of Beams with appropriate Shelf Supports)
 - Regular Duty: 1,600 - 3,000 lb.
 - Heavy Duty: 3,000 lb. max.
- For pricing see section 700, pg 10-17**

Beam Profiles



EXAMPLE PART NO.

WS	SA	24	96	2	RD
----	----	----	----	---	----

- WS = Widespan Shelf Assembly
SA = "SA" Particleboard Shelf
 "WA" Wiregrid Shelf
24 = Section Depth:
 18", 24", 30", 36", 42", 48"
96 = Section Width: 48", 60", 72", 84", 96"
2 = Number of Shelf Supports
 (See below for load chart)
RD = Beam & Shelf Support Style:
 "RD" Regular Duty
 "HD" Heavy Duty

STANDARD FINISH:

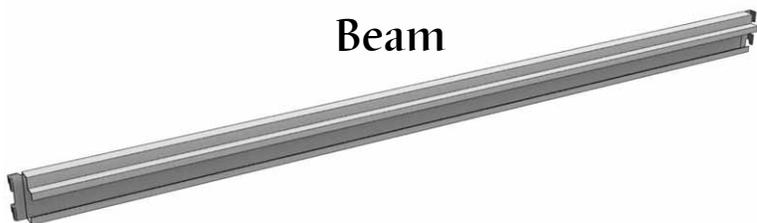
PLT	PLT	N/A
-----	-----	-----

- PLT • Beams
 • Optional Tier I & II colors
PLT • Shelf Support
 • Optional Tier I & II colors
N/A • Shelf finish
 • N/A (Uncoated particleboard)
 S04 (Seal coated particleboard)
 ZNC (Zinc Wiregrid)

Widespan Shelf Capacity (Uniformly Distributed Load)						
Section Depth	Section Width (Beam Length)	Number of Regular Duty Shelf Supports with Regular Duty Beams			Number of Heavy Duty Shelf Supports with Heavy Duty Beams	
		2	3	4	2	3
Up to 36" D	48"	1,600	2,400	3,000	3,000	---
	60"	1,600	2,400	2,400	---	3,000
	72"	1,600	2,000	2,400	---	3,000
	84"	1,600	1,800	2,000	---	3,000
	96"	1,600	1,600	1,600	---	3,000
42" D	48"	1,370	2,055	2,740	---	3,000
	60"	1,370	2,055	2,400	---	3,000
	72"	1,370	2,000	2,200	---	3,000
	84"	1,370	1,800	1,600	---	3,000
	96"	1,370	1,600	1,600	---	3,000
Up to 48" D	48"	1,200	1,800	2,400	---	3,000
	60"	1,200	1,800	2,400	---	3,000
	72"	1,200	1,800	2,000	---	3,000
	84"	1,200	1,700	1,800	---	3,000
	96"	1,200	1,600	1,600	---	3,000

Widespan Components

Beam



EXAMPLE PART NO.

WSB	48	
-----	----	--

WSB = Widespan Beam
48 = Section width: 48", 60", 72", 84", 96"

Optional:

HD = Heavy Duty Beam
 (must be used with HD Shelf Support)

STANDARD FINISH:

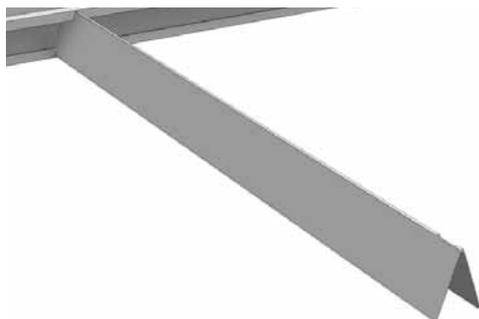
PLT

- Optional Tier I & II colors

Beam:

- Available in both Heavy Duty & Regular Duty
- Integral beam connectors
- Tilt-in design no fasteners or locking clips required when used with Shelf Support (WSSS)
- Minimum of four beams required per section, One each: top, bottom, front, & back of section
- Shelf Supports required to tie Beams together: minimum one Shelf Support on 48" & 60" Beams or two on 72", 84", & 96" or must use Locking Clips (see pg. 706).
- **For pricing see section 700, pg 18**

Shelf Support



Shelf Support:

- Available in both Heavy Duty & Regular Duty
- Rotates into place inside beam body
- Minimum one shelf support required to support the shelf & to tie beams together
- Number of supports required varies based on required load (see table pg 707)
- **For pricing see section 700, pg 18**

EXAMPLE PART NO.

WSSS	18	
------	----	--

WSSS = Widespan Shelf Support
18 = Upright Frame Depth: 18", 24", 30", 36", 42", 48"

Optional:

HD = Heavy Duty Shelf Support
 (must be used with HD Beam)

STANDARD FINISH:

PLT

- Optional Tier I & II colors

Shelves



Widespan Shelves:

- One Style fits both Regular Duty & Heavy Duty Beams
- Uniformly distributed load up to 3,000 lbs. (Dependent on Beam style & number of Shelf Supports)
- Particleboard: 5/8" industrial grade particleboard Seal coat finish available for additional durability & stain resistance
- Wiregrid: 3 X 3 heavy gauge wire mat One piece construction on all sizes Continuous perimeter wire Fire proof Provides for: Light penetration Water flow through for sprinklers Cleanliness Available in zinc coated wire
- **For pricing see section 700, pg 19-20**

EXAMPLE PART NO.

WSWG	18	96
------	----	----

WSWG = Widespan Wiregrid
18 = Section Depth: 18", 24", 30", 36", 42", 48"
96 = Section Width: 48", 60", 72", 84", 96"

STANDARD FINISH:

ZNC

- Zinc

EXAMPLE PART NO.

WSPB	18	60	HD
------	----	----	----

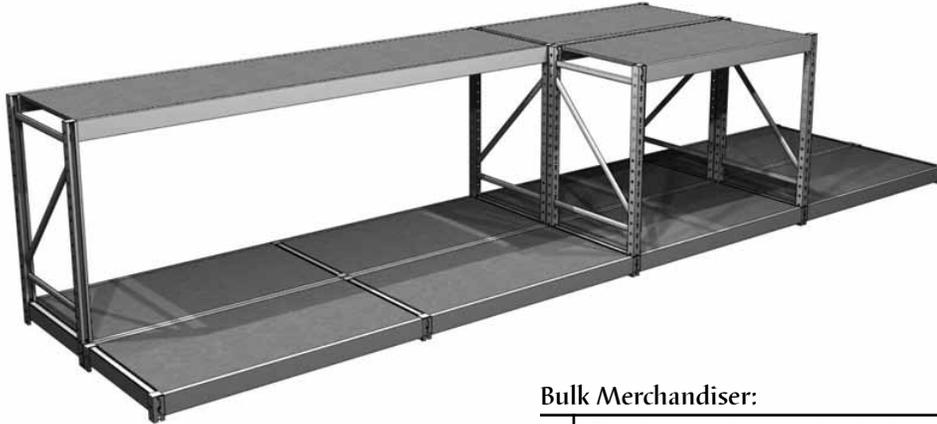
WSPB = Widespan Particleboard Shelf
18 = Section Depth: 18", 24", 30", 36", 42", 48"
60 = Section Width: 48", 60", 72", 84", 96"
HD = Heavy Duty only

STANDARD FINISH:

N/A

- N/A Uncoated
- S04 Seal coated

Bulk Merchandiser



Bulk Merchandiser:

- Can be used as a stand alone deck for bulk products
- Can be used to display heavy bulk product with addition of Extension Uprites & Shelf Assemblies
- Deck Assembly is 4"H, available in 22", 34", & 46"D
- Shelf Assembly is available in 48" or 96" on center widths to line up with Display Shelving

Extension Uprite



Extension Uprite:

- Widespan style Uprite with reversed rear post & welded extension connectors
- Units able to be placed against a wall or back-to-back with adjustment accessibility, due to reversed rear post
- Uniformly distributed load of 6,000 lb. per Uprite Frame
- **For pricing see section 700, pg 21-22**

EXAMPLE PART NO.

BMEU	22	036
------	----	-----

STANDARD FINISH:

PLT

BMEU = Bulk Merchandiser
Extension Uprite

- Optional Tier I & II colors

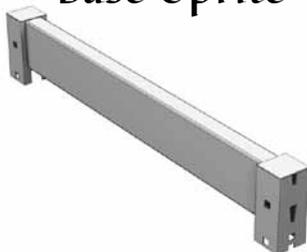
22 = Section Depth: 22", 34", 46"

036 = Height: 36" or 48"

Base Uprite:

- Needed to finish a continuous run of shelving including single sections
- **For pricing see section 700, pg 21-22**

Base Uprite



EXAMPLE PART NO.

BMBU	22	4
------	----	---

STANDARD FINISH:

PLT

BMBU = Bulk Merchandiser
Base Uprite

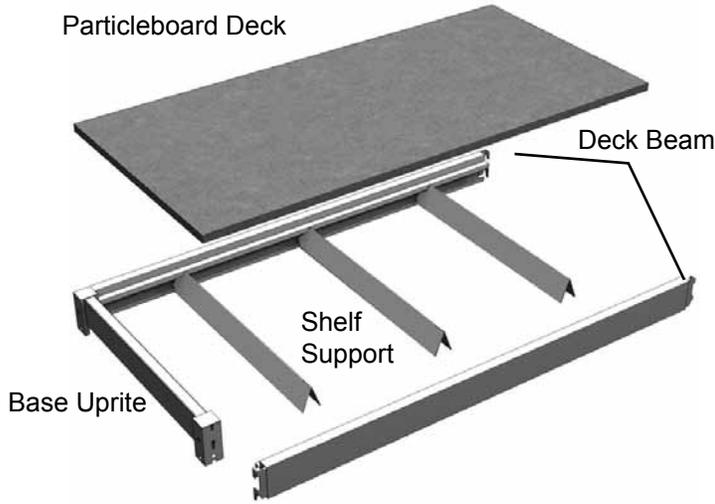
- Optional Tier I & II colors

22 = Section Depth: 22", 34", 46"

4 = Height: 4"

Bulk Merchandiser Components

Deck Assembly



Deck Assembly:

- Includes:
 - 1 Base Uprite, 2 Deck Beams (MFFB_),
 - 3 Shelf Supports on 22" & 34"D,
 - 4 Shelf Supports on 46"D,
 - 1 Particleboard Shelf
- Order one Base Uprite to finish each continuous run
- Actual depth is 2 1/4" great than nominal
- Uniformly distributed load of 2,400 lb. per 4' section
- For pricing see section 700, pg 21-22**

EXAMPLE PART NO.

BMDA	22	48
------	----	----

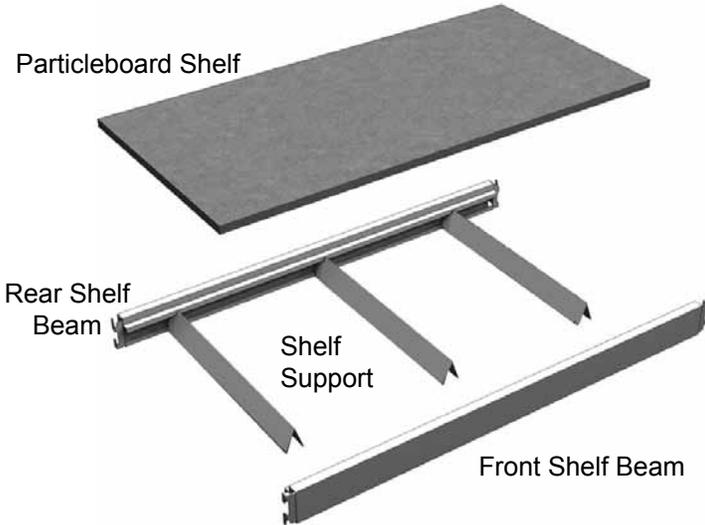
BMDA = Bulk Merchandiser Deck Assembly
22 = Section Depth: 22", 34", 46"
48 = Section Width

STANDARD FINISH:

PLT	PLT	N/A
-----	-----	-----

PLT • Beam & Base Uprite
 Optional Tier I & II colors
PLT • Shelf Support finish
 Optional Tier I & II colors
N/A • Deck finish
 N/A Uncoated
 S04 Seal coated

Shelf Assembly



Shelf Assembly:

- Includes:
 - 1 Front Beam, 1 Rear Beam,
 - 3 Shelf Supports, & 1 Particleboard Shelf
- Beam lengths match on center Uprite spacing of Deck Assemblies
- Uniformly distributed load of 1,600 lb. per assembly
- For pricing see section 700, pg 21-22**

EXAMPLE PART NO.

BMSA	22	48
------	----	----

BMSA = Bulk Merchandiser Shelf Assembly
22 = Section Depth: 22", 34", 46"
48 = Section width: 48" or 96"

STANDARD FINISH:

PLT	PLT	N/A
-----	-----	-----

PLT • Beam
 Optional Tier I & II colors
PLT • Shelf Support finish
 Optional Tier I & II colors
N/A • Shelf finish
 N/A Uncoated
 S04 Seal coated

Deck Beam

LENGTH	PART NO.
48"	MFFB48

STANDARD FINISH:

PLT

- Optional Tier I & II colors

Shelf Beam

TYPE	SECTION WIDTH	PART NO.
Front	48"	MFFB48
Front	96"	MFFB96
Rear	48"	MFFB48REV
Rear	96"	MFFB96REV

STANDARD FINISH:

PLT

- Optional Tier I & II colors

Particleboard Shelf/Deck

EXAMPLE PART NO.

BMPBD	22	48
-------	----	----

BMPBD = Bulk Merchandiser Particleboard
22 = Section Depth: 22", 34", 46"
48 = Section Width: 48" or 96"

STANDARD FINISH:

N/A

- N/A Uncoated
- S04 Seal coated

Shelf/Deck Supports

EXAMPLE PART NO.

BMDS	22
------	----

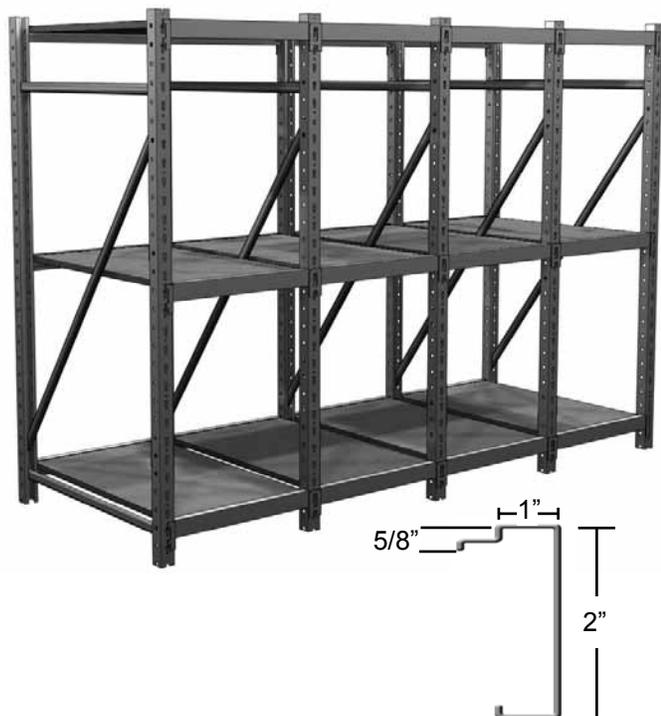
BMDS = Bulk Merchandiser Deck/Shelf Supports
22 = Section Depth: 22", 34", 46"

STANDARD FINISH:

PLT

- Optional Tier I & II colors

Low Profile Beam Shelf



Low Profile Beam Shelf:

- Order Widespan Uprites (pg 704)
- Order shelf levels as needed below
- Includes:
 - 2 WSB18L (Low Profile Beam)
 - 1 WSS30L (Low Profile Shelf Support)
- Particleboard shelf
- Uniformly distributed load of 400 lb. per Low Profile Beam shelf level with one shelf support
- **For pricing see section 700, pg 23**

EXAMPLE PART NO.

WSSA	30	18	1	L
------	----	----	---	---

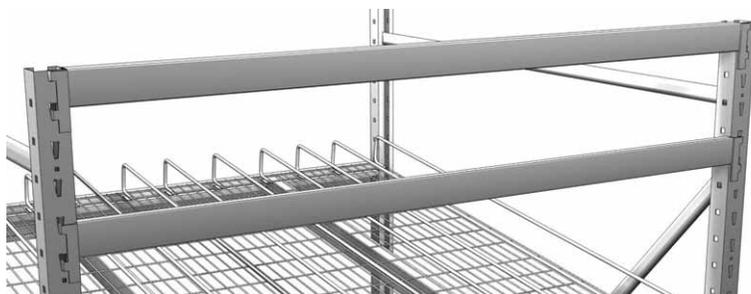
WSSA = Widespan Shelf Assembly
30 = Section Depth
18 = Section Width: 18"
1 = Number of Shelf Supports
L = Low Profile Beam & Low profile Shelf Support

STANDARD FINISH:

PLT	PLT	N/A
-----	-----	-----

PLT • Beam
 Optional Tier I & II colors
PLT • Shelf Support
 Optional Tier I & II colors
N/A • Particleboard finish
 N/A Uncoated
 S04 Seal coated

Optional Canopy Beams



Optional Canopy Beams:

- Fits customer supplied signage up to 5/16" thick
- 2"H Top & bottom Beams, adjust in 2" increments
- 48" long
- Beam Locking Clips required (pg. 706) - WS1291 or WS9111 as required
- **For pricing see section 700, pg 23**

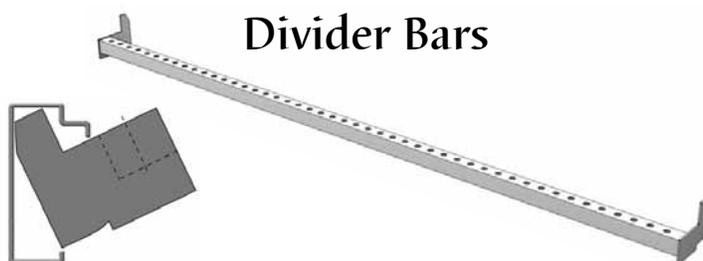
BEAM TYPE	PART NO.
Upper	WS6342
Lower	WS6352

STANDARD FINISH:

PLT

• Optional Tier I & II colors

Divider Bars



Divider Bars:

- Installs into Beams to hold various Hook Dividers (pg 406-407)
- Can be used individually or in combination for different length Beams
- **For pricing see section 700, pg 23**

NUMBER OF DIVIDER BARS	DIVIDER BAR LENGTH	BEAM LENGTH
1	48"	48"
1	48"	60"
2	36"	72"
1 ea.	36" & 48"	84"
2	48"	96"

EXAMPLE PART NO.

WSDB	48
------	----

WSDB = Widespan Divider Bars
48 = Section width: 36" or 48"

STANDARD FINISH:

PLT

• Optional Tier I & II colors

Widespan Applications

Tire Racks



Tire Racks:

- 96 1/2"W inside Upright posts if using WSB96
- Beam Locking Clips required
- One Shelf Support required to tie beams together

STANDARD WIDESPAN COMPONENTS	PART NO.
WSU_, Upright	pg. 704
WSB_, Beam	pg. 707
WSSS_, Shelf Support	pg. 707
WS1241.GLV, Floor Anchors	pg. 705
WS1291.STS, Beam Locking Clips	pg. 705

WARNING: Shelving must be anchored to a suitable building wall, to the floor, or otherwise braced to prevent overturning when merchandising tall or heavy items which lean against the shelving. The weight and force of leaning items on unanchored or unbraced shelving may cause the shelving to overturn or collapse.

Gravity Flow Product Angle

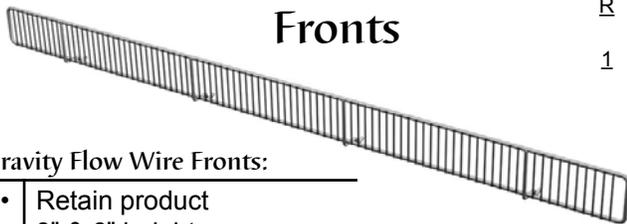
Front to Back Beam Offset	Section Depth			
	24"	30"	36"	48"
2"	5°	4°	--	--
4"	10°	8°	6°	5°
6"	14°	11°	10°	7°
8"	18°	15°	13°	10°
10"	--	18°	16°	12°
12"	--	--	18°	14°

Recommended product Angles by Gravity Flow option:

- 4° - 10° Roller Tracks (pg 714)
- 8° - 11° Slide Tracks (pg 714)
- 10° - 18° Wiregrid (pg 713)
- See pages 713-714 for product applications

Gravity Flow Wire Shelves & Accessories

Gravity Flow Wire Shelves



Fronts

Gravity Flow Wire Fronts:

- Retain product
- 3" & 6" heights
- Select Front size taller than displayed product's center of gravity
- **For pricing see section 700, pg 25**

EXAMPLE PART NO.

WSGFF 4 3

- WSGFF = Widespan Gravity Flow Front
- 4 = Width: 48" (order two for 96"W)
 - 3 = Height: 3" or 6"

STANDARD FINISH:

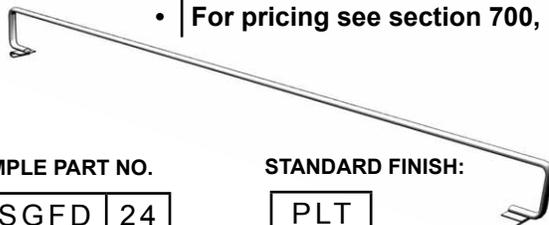
PLT

- Optional Tier I & II colors

Dividers

Gravity Flow Wire Dividers:

- 3"H
- Divides merchandise
- **For pricing see section 700, pg 25**



EXAMPLE PART NO.

WSGFD 24

- WSGFD = Widespan Gravity Flow Divider
- 24 = Section Depth: 24", 30", 36", 48"

STANDARD FINISH:

PLT

- Optional Tier I & II colors

Gravity Flow Wire Shelves:

- Wire Shelf powder coated for slick durable finish
- Interchangeable Wire Fronts & Dividers
- Select Front size taller than displayed product's center of gravity
- Includes:
2 Regular Duty Widespan Beams, Number of Shelf Supports as ordered, & 1 Widespan Gravity Flow Shelf
- **For pricing see section 700, pg 24-25**

EXAMPLE PART NO.

WSGWA 24 48 6 2 R 1

- WSGWA = Widespan Gravity Wire Shelf Assembly
- 24 = Section Depth: 24", 30", 36", or 48"
 - 48 = Section Width: 48" or 96"
 - 6 = Vertical Beam offset: 4", 6", 8", 10", & 12" (see page 711)
 - 2 = Number of Shelf Supports: (2 shelf supports on 48"W) (3 shelf supports on 96"W)
 - R = Regular Duty Beams & Shelf Supports only
 - 1 = Shelf wire spacing

STANDARD FINISH:

PLT PLT PLT

- PLT • Beams
Optional Tier I & II colors
- PLT • Shelf Support
Optional Tier I & II colors
- PLT • Wire Shelf
Optional Tier I & II colors

Gravity Flow Shelf Supports

EXAMPLE PART NO.

WSGSS 24 6

- WSGSS = Widespan Gravity Shelf Support
- 24 = Section Depth: 24", 30", 36", 48"
 - 6 = Vertical Beam Offset: 4", 6", 8", 10", 12" (See pg 711 for recommended offset)

STANDARD FINISH:

PLT

- Optional Tier I & II colors

Gravity Flow Wiregrid

Wiregrid:

- 1" wire spacing supports small merchandise
- Powder coated for slick durable finish
- **For pricing see section 700, pg 25**

EXAMPLE PART NO.

WSGW 24 48 1

- WSGW = Widespan Gravity Flow
- 24 = Section Depth: 24", 30", 36", or 48"
 - 48 = Section Width: 48" or 96"
 - 1 = Shelf Wire Spacing

STANDARD FINISH:

PLT

- Optional Tier I & II colors

Gravity Flow Roller Racks & Accessories

To Order:

- Uprites pg 704
- Beams pg 708
- One Track retainer, WS111_, per beam
- Two end tracks per beam (Roller or Slide)
- Required center or divider tracks (Roller or Slide)

Tracks:

- Hat-shaped channel
- Formed tab drop into Track Retainer
- Slide Track includes vinyl rails
- Roller Track Includes rollers
- **For pricing see section 700, pg 26**

Gravity Flow Slides or Rollers



EXAMPLE PART NO.

WS	S	C	24	6
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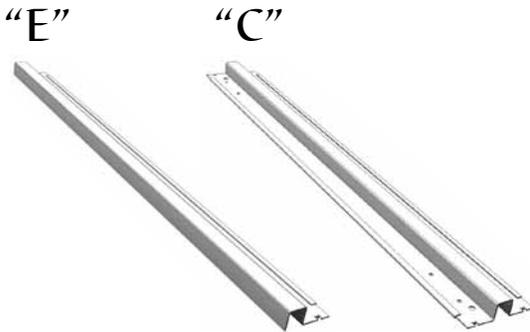
- WS = Widespan
S = "S" Slide
 "R" Roller
C = "C" Center Track
 "D" Divider Track (Roller only)
 "E" End Track
24 = Section Depth: 24", 30", 36", 48"
6 = Vertical Beam offset: 2", 4", 6", 8"
 (see pg 711 for recommended offsets)

STANDARD FINISH:

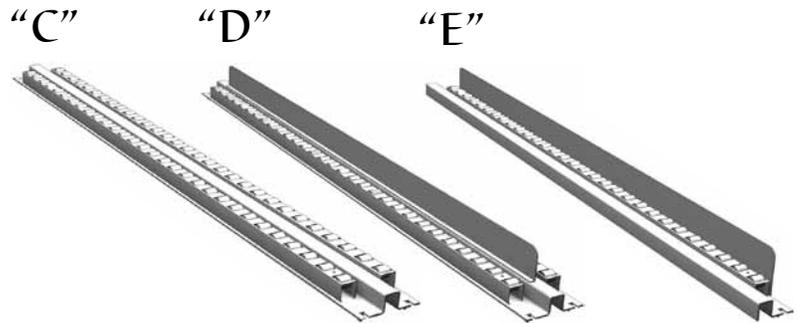
PLT

- Optional Tier I & II colors

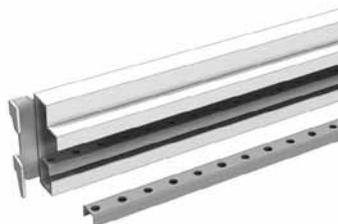
Slide Tracks



Roller Tracks



Track Retainer



Track Retainer:

- Channel punched 1" on center
- Lay inside Beam body
- One required per Beam
- **For pricing see section 700, pg 26**

WIDTH	PART NO.
48"	WS1113
72"	WS1115

STANDARD FINISH:

PLT

- Optional Tier I & II colors