



# THE **SPACE SAVER** **RACK SYSTEM**

Modular Racks Designed  
for Storing Bar, Tube, and  
Other Long Product



*SpaceSaver storing aluminum extrusion*

## INCREASED PRODUCTIVITY

SpaceSavers provide 100% accessibility resulting in tremendous labor savings. The receptacles roll out into an open aisle so they are completely exposed for overhead handling with a crane. These receptacles are easily moved in and out by turning shafts with a hand crank at the control panel. Any item, whether it is one piece or an entire bundle can be loaded or retrieved instantly.

## HIGHER DENSITY

SpaceSavers provide additional storage space by utilizing the cube. A SpaceSaver Rack is a series of double sided, vertically stacked receptacles available in any number of levels up to 8 levels high. Their modular design consisting of a control panel, grid supports and connecting shafts is adaptable to virtually any load and can increase storage and production up to five times.



*Battery of SpaceSavers storing extrusion*

## IMPROVED SAFETY

SpaceSaver Racks enhance safety by providing an organized storage system that effectively eliminates the hazards of unsafe piles, stacks, and buried material. With the improved access and convenience, SpaceSaver Racks greatly reduce man-handling and potential injuries to employees.

## DURABLE & VERSATILE

SpaceSaver Racks are heavily constructed in a variety of models for almost any application. Their simplicity and ruggedness make them practically maintenance free. SpaceSavers can be installed as need dictates, whether the application requires a single unit or multiple racking units. Not only are these roll out cantilever racks adaptable to most any load, their many sizes accommodate to any building or layout.



**A TOTAL CAPABILITY FOR STORING &  
HANDLING METAL**

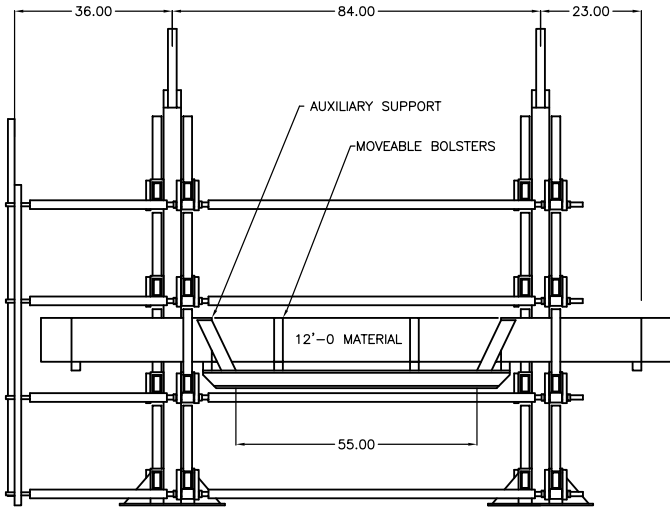


# THE SPACESAVER

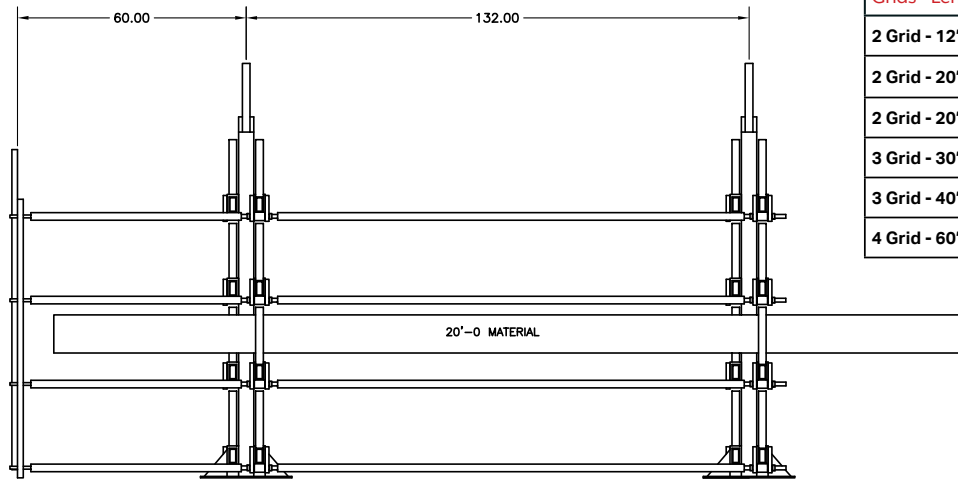
## GRID SPACING & LENGTH

*SpaceSavers are Designed Around a Basic Grid System*

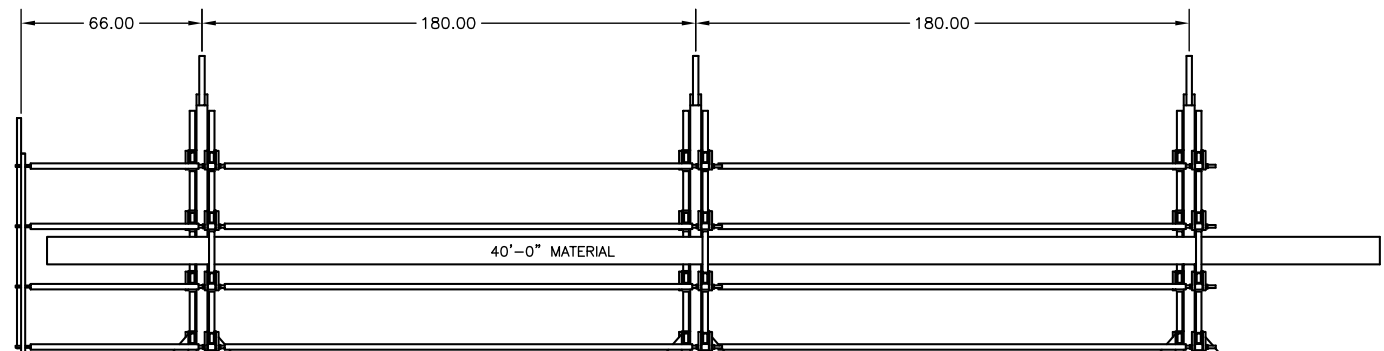
A grid is the support upright housing the roll-out receptacles. All racks are a combination of two or more grids, and one control panel, connected with control tubes and bracing, spaced to accommodate a specified length of material. Most material, up to 24' long, require just two grids; 30' to 40' lengths are most often supported on three grids, whereas 50' to 60' racks are typically configured with four grids. The grid system not only is flexible, for supporting most lengths, but also for weights, since their addition increases load capacity, too.



Side view of 4 Tall 2 Grid - 12' SpaceSaver with an Auxiliary Support (above)



Side view of 4 Tall 2 Grid - 20' SpaceSaver (above)



Side view of 4 Tall 3 Grid - 40' SpaceSaver (above)

### Standard Spacings/ Lengths

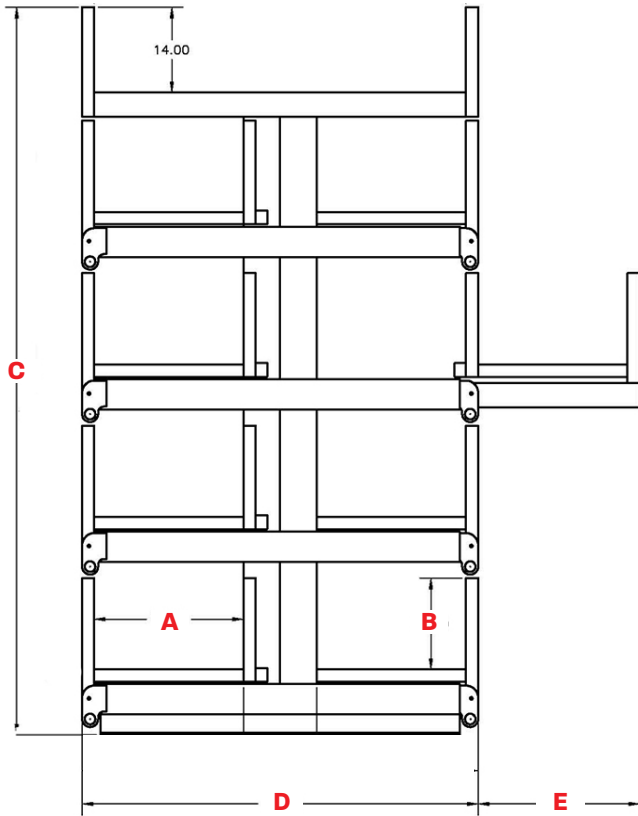
Grids - Length Material	Control Panel to Grid	Grid to Grid
2 Grid - 12'	3'- 0"	7'- 0"
2 Grid - 20'	5'- 0"	11'- 0"
2 Grid - 20'/24'	6'- 0"	12'- 6"
3 Grid - 30'	5'- 6"	10'- 0"
3 Grid - 40'	5'- 6"	15'- 0"
4 Grid - 60'	5'- 6"	16'- 6"

*All racks are a combination of two or more Grids and a Control Panel. The Control Panel is a non load-bearing structure where the Receptacles are operated.*

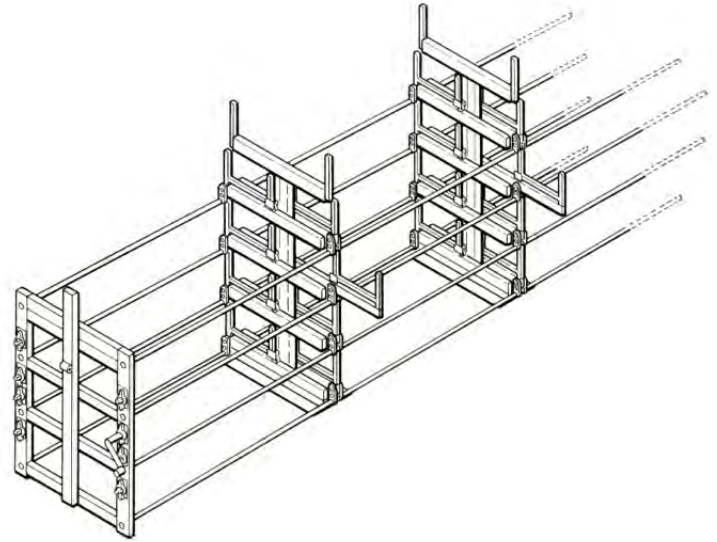


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## STANDARD GRID DESIGN



4 Tall Grid (left) and a diagonal view of a 4 Tall SpaceSaver (right)



*SpaceSavers Can be Installed as Need Dictates*

Not only are these modular racks adaptable to most any load, their many sizes accommodate any building layout. SpaceSavers take up a minimal footprint, whether the application calls for one unit or multiple. SpaceSavers are often placed strategic to processing or shipping areas to optimize material flow.

Standard Models and Specifications									
Model	20"		24"		30"		36"		
Arm Capacity (in lbs.)	6,600		5,600		5,300		4,200		
Top Level Capacity (per grid)	20,000		20,000		20,000		20,000		
Receptacle Width (A)	20.5"		24.5"		30.5"		36.5"		
Receptacle Height (B)	12"	15"	12"	15"	12"	15"	12"	15"	
Rack Height (C)									
3 Tall	85"	94"	85"	94"	90"	99"	90"	99"	
4 Tall	107"	119"	107"	119"	113"	125"	113"	125"	
5 Tall	129"	144"	129"	144"	136"	151"	136"	151"	
6 Tall	151"	169"	151"	169"	159"	177"	159"	177"	
7 Tall	173"	194"	173"	194"	182"	203"	182"	203"	
8 Tall	195"	219"	195"	219"	205"	229"	205"	229"	
Rack Width (D)									
3 Tall - 4 Tall	57"		65"		79"		91"		
5 Tall - 8 Tall	61"		69"		81"		93"		
Rollout Aisle (E)	23"		27"		33"		39"		

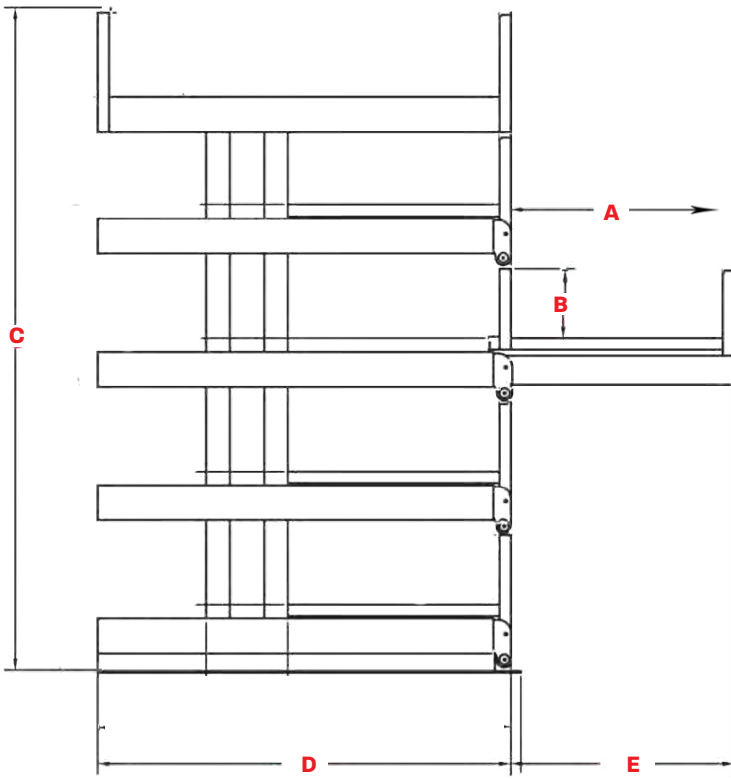
For example, a 2 grid model with 24" receptacle width will have a 11,200# receptacle capacity; a 3 grid will have a 16,800# receptacle capacity.



# THE SPACESAVER

## ONE-SIDED RACK

*One-Sided SpaceSaver Rack Receptacles Roll Out to the Right or Left*



4 Tall Right-Hand Roll-Out Grid (above)



Front view (right) and rear view (left) of a 4 Tall, One-Sided Right Hand Roll-Out SpaceSaver

One-Sided SpaceSavers occupy 30% less space than double-sided models and are designed for installation against a wall or where space is restrictive. One-sided units are available in standard receptacle sizes and rack lengths and can be customized to fit specific requirements.

<b>One-Sided Models and Specifications</b>									
<b>Model</b>	<b>20"</b>		<b>24"</b>		<b>30"</b>		<b>36"</b>		
Arm Capacity (in lbs.)	4,950		4,200		3,975		3,150		
Top Level Capacity (per grid)	15,000		15,000		15,000		15,000		
Receptacle Width (A)	20.5"		24.5"		30.5"		36.5"		
Receptacle Height (B)	12"	15"	12"	15"	12"	15"	12"	15"	
<b>Rack Height (C)</b>									
3 Tall	85"	94"	85"	94"	90"	99"	90"	99"	
4 Tall	107"	119"	107"	119"	113"	125"	113"	125"	
5 Tall	129"	144"	129"	144"	136"	151"	136"	151"	
6 Tall	151"	169"	151"	169"	159"	177"	159"	177"	
7 Tall	173"	194"	173"	194"	182"	203"	182"	203"	
8 Tall	195"	219"	195"	219"	205"	229"	205"	229"	
<b>Rack Width (D)</b>									
3 Tall - 4 Tall	45"		49"		64"		73"		
5 Tall - 8 Tall	47"		54"		65"		75"		
<b>Rollout Aisle (E)</b>	23"		27"		33"		39"		



# THE SPACESAVER

## POWERED & CUSTOM RACKS



Receptacles detail (left) and console detail (right) of a 5 Tall Powered SpaceSaver

SpaceSaver Racks are Built to User Applications and Specifications

*Powered Receptacles Enhance Safety and Expedite Loading and Retrieval*



3 Tall SpaceSaver with protective Receptacle Liners for storing finished material (above)

SpaceSaver Racks accommodate a large variety of material types, sizes, and weights. Each rack is designed with a specific advantage for the end user, whether it be maximum weight capacity, or largest dimension to house long pieces of material. SpaceSavers can be modified to suit most end user applications and specifications to improve material handling safety and efficiency.

The Powered SpaceSaver Rack enhances safety by eliminating the risk of repetitive motion injury. Additional benefits of the powered model include faster receptacle extension and retraction. A 36" wide powered receptacle takes approximately eight seconds to fully extend or retract, while cranking takes between 10-15 seconds.

*SpaceSaver Racks Can be Customized to Your Specific Requirement*



Custom SpaceSaver Systems: for missile storage (left) and outdoor installation (right)

Every aspect of a SpaceSaver from receptacle size and rack length, to the number of levels and grids can be customized for a specific application or operation. Any heavy materials handled by a crane can be stored in the our various SpaceSaver Rack Models – dies, rolls, fixtures, extrusions, and parts are just a few examples.

# THE SPACESAVER

## ACCESSORIES



Front view (left) and side view (right) of a 3 Tall SpaceSaver equipped with Peg Dividers and Auxiliary Supports for storing bar

Accessories Support, Organize, and Protect Different Materials Being Stored

### PROTECTIVE LINERS

Receptacles can be furnished with Ultra-High Molecular Weight (UHMW) Nylon to protect high quality finish materials such as aluminum, stainless, and polished bars against abrasion. The Protective Liner is fastened to the receptacle with countersunk set screws.

### PEG DIVIDERS

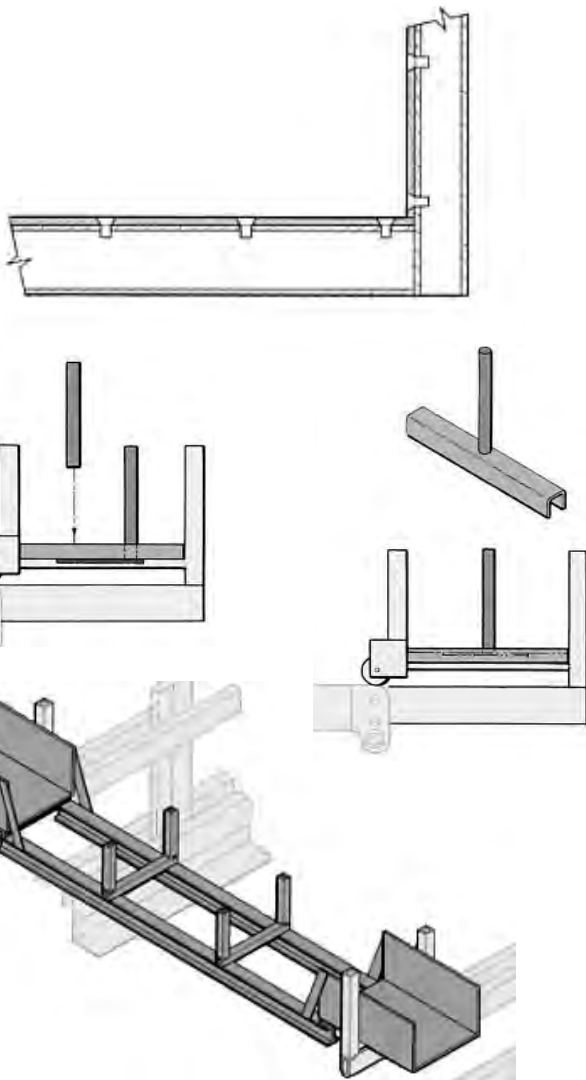
Peg Dividers improve safety, organization, and accessibility by providing secure spacing and stop gaps in the SpaceSaver receptacles. Holes are drilled into the receptacle arms to fit 1" round uprights, to accommodate any spacing needed.

### FIXED DIVIDERS

The divider uprights are welded to a formed channel that is easily placed in the receptacle. Fixed Dividers are very economical if the need is isolated to only a few receptacles.

### AUXILIARY SUPPORTS

An Auxiliary Support permits the safe storage of items too short or limber for the distance between SpaceSaver grids. The Support is constructed with a 32" long pan on each end and two adjustable 'U' shaped bolsters. The design allows the use of chains or slings for handling loads. Auxiliary Supports can be placed or removed quickly, without the use of tools; simply lift it in or out with a crane. Auxiliary Supports can be specified for any rack model.



(Drawings from top) UHMW Receptacle Liner; Removable 3-Space Peg Dividers; 2-Space Fixed Divider; and Auxiliary Support.