



SPACE 
MANUFACTURING

A DIVISION OF M&P TOOL PRODUCTS INC.

DESIGN • MANUFACTURE • INSTALL • SERVICE

**PRODUCT
CATALOGUE**

SPACE AID PROFILE



ABOUT US

Founded in 1967 by Max Prufer, M&P Tool Products Inc. / Space Aid Manufacturing began as a custom machine tool and die manufacturer. Over the last 50+ years we have evolved from a two man operation into an industry leading, independent manufacturer of steel material storage products and custom metal fabrications with over 100 employees and a large scale distribution network.



INNOVATION

Located in the Greater Toronto Area of Brampton, Ontario, Canada, M&P Tool Products Inc. / Space Aid Manufacturing is a proven leader in the warehouse storage system, material storage and metal stamping industries.



TURN KEY SOLUTIONS

We service all of your Warehouse Storage System needs. With more than five decades of experience and a skilled professional team of engineers, installers, and customer service representatives Space Aid Manufacturing is committed to providing outstanding solutions to all of our customers.

To explore what Space Aid Manufacturing can offer, please feel free to contact us at 1-888-287-2046 or visit our website at www.spaceaidmfg.com.

Space Aid Manufacturing is a division of M&P Tool Products Inc.



PRODUCTS & SERVICES

50
CELEBRATING
YEARS
1967-2017



PRODUCTS

Storage Platforms / Mezzanines	Page 4
Pallet Racking	Page 6
Bolted Racking	Page 8
Wire Mesh Decks	Page 9
Pallet Racking Accessories	Page 10
New and Used Inventory	Page 11
Drive-In / Pushback Racking	Page 12
Pallet Flow / Carton Flow Racking	Page 13
Guarding	Page 14
Security Fencing	Page 15
Cantilever Racking	Page 16
Containers	Page 18
Shelving	Page 20
Pre-Start Health and Safety Review	Page 21
Installation & Service	Page 22
Colours	Page 24

All of our products and services meet the standards set out by the following partners:



- All products are available in powder coated or galvanized finish.
- All products are designed in accordance with governing regulations including the Canadian Standards Association (CSA), Municipal and Provincial Building Codes and the Occupational Health and Safety Act (OHSA) where applicable.
- All welding is performed by Canadian Welding Bureau (CWB) certified welders.
- Custom designed engineering programs; AutoCAD and AutoDesk Inventor provide optimal product configurations.

STORAGE PLATFORMS / MEZZANINES & ACCESSORIES

Our modular mezzanine platforms transform wasted overhead space into valuable floor space at a fraction of the cost of new construction. All mezzanine platforms are designed to meet specific customer and building code requirements. Standard capacity is 125 lbs./sq.ft. but can be adjusted to suit any capacity and deflection criteria, while our modular designs allow for future additions, modifications and relocation if necessary. Structural review and stamped drawings are available by both Professional Engineer and Architect.

TRUSSES

Pre-engineered open web steel joist or structural wide flange designs are manufactured from 50ksi material. Standard open web truss heights range from 8" to 14" with larger profiles available to meet increased loading and deflection requirements.

STAIRCASE & LANDINGS

Constructed using rigid structural components and can be designed for direct or side entry to the mezzanine platform. Egress calculations are used to determine the quantity and placement of stair sets for each project.

HANDRAILS

42" high and manufactured from HSS materials. Our unique vertical picket design with 5" kick plate meet current Municipal, Provincial and National building codes.

GATES

Pivot gate, sliding gate, and swing gate options are available.

COLUMNS

Typically range from 3"sq. - 8"sq. HSS and are designed to suit specific loading conditions.

FLOORING OPTIONS

Include corrugated galvanized roof deck with plywood or checker plate, rod and bar grating, open steel plank, Mezz Tread, ResinDEK, and TRED-eX®

Engineered Flooring with Steel Roof Deck
(Mezz-Tread™, ResinDEK®, TRED-eX®)

Checker Plate with Steel Roof Deck

Plywood with Steel Roof Deck

Rod and Bar Grating

Open Steel Plank (OSP)



“ Engineered to conform to all ”
national and local building codes.



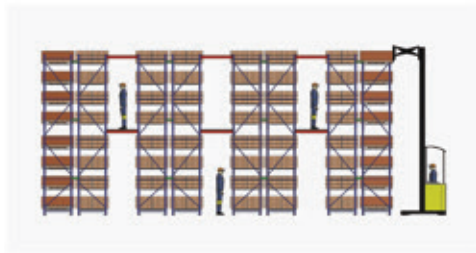
OPEN WEB JOIST STORAGE PLATFORM

Our modular Open Web Joist Mezzanine/Storage Platform systems are a cost effective way to transform wasted overhead space into valuable floor space. They also allow for easy lighting and sprinkler installation; while our galvanized roof deck creates a highly reflective surface to illuminate those dark areas.



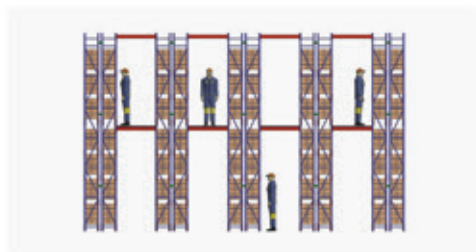
STRUCTURAL STORAGE PLATFORM

Our Structural Storage Mezzanine / Storage Platforms are ideal for a wide range of applications and allow for custom designs, typically for heavier or long span applications when OWJ are not sufficient.



RACK SUPPORTED STORAGE PLATFORM

All of our Storage Platforms can be incorporated with conveyor systems that allow for fast moving product environments. Similar to pallet racking, Rack Supported Storage systems allow for modification of the pick levels to suit every customer's needs. Structural review and stamped drawings are available by both Professional Engineer and Architect.



SHELF SUPPORTED STORAGE PLATFORM

Our Shelf Supported Storage Platforms provide a cost effective, high density, light duty product storage system. This type of system is ideal for areas such as archives storage, small parts room or document storage areas.



PALLET RACKING



Space Aid manufactures our own brand of Redi-Rack compatible pallet racking, UNI RAK. Pallet racking systems are designed using two basic components; pre-assembled welded end frames and rigid one-piece interlocking horizontal beams. Beams engage into frames on 3" increments and come standard with safety clips to prevent disengagement from frames. All racking systems are designed and manufactured in accordance with applicable regulations and specifications.

SINGLE SELECTIVE

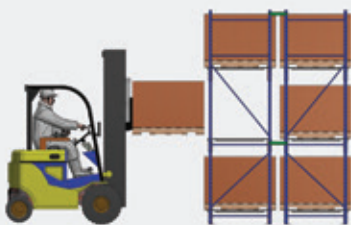
Single Selective Pallet Racking is an economical and versatile system that can be configured for a variety of uses and product sizes when floor storage is limited. These systems provide easy accessibility to all products at all times. This type of system is commonly used throughout industry in distribution facilities for bulk storage of items. Generally the items stored on the rack are palletized.

DOUBLE DEEP RACKING

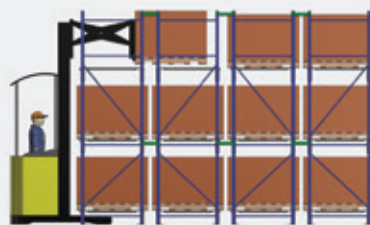
Double Deep/Deep Reach Pallet Racking is an easy and cost effective way to increase storage capacity using standard Single Selective Racking components. Using a special Deep Reach forklift, this type of system provides two deep storage capacity and is ideal for multiple SKU applications.

VERY NARROW AISLE (VNA) RACKING

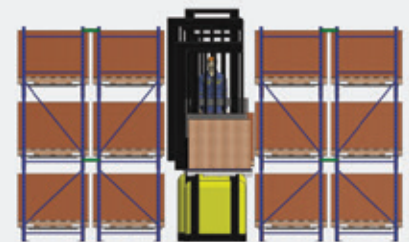
Very Narrow Aisle otherwise known as VNA, is the use of Single Selective Pallet Racking in a tighter configuration to provide maximum storage density and still allows maximum selectivity. These systems typically operate in conjunction with wire-guided or rail-guided reach-truck systems. A distinct advantage of narrow aisle pallet racking is fast picking without large aisles.



Selective Rack



Double Deep Rack



VNA Rack

FRAMES

Standard sizes are available in 24" to 72" depths and up to 34' high. Special sizes are available and Space Aid will design and manufacture to suit any customer requirement.

BEAMS

Available in roll formed box, welded step and roll formed step styles. Beam capacities range from 1,000 lbs. to 15,000 lbs. per pair and are available in lengths ranging from 24" to 192". Box beams are typically used to store conventional pallets and work best using accessories such as safety bars or wire mesh decks. Step beams allow for drop in decks, shelves and many additional accessories designed for product stacking and hand pick applications. Custom sizes and heavier capacities are also available.



UniRak
14ga. SD / 13ga. MD /
13ga. HD1
3-1/4" x 2" Post Profile



UniRak
14ga. SD / 13ga. MD /
13ga. HD1
3-1/4" x 2" Post Profile
Double Posted



UniRak
13ga. HD2
4" x 3" Post Profile



UniRak
13ga. HD3
3-1/4" x 3" Post Profile



Box Beam

Step Beam



PALLET RACKING ACCESSORIES

Space Aid has a complete range of Pallet Racking Accessories to perfectly meet your application requirements. From Safety Bars to Wire Mesh Decks, Row Spacers, Guards and Hardware Space Aid Pallet Racking Accessories enhance your storage options and ensures your system is complete and safe.

- Welded Safety Bars
- Formed Safety Bars
- Lock-In Safety Bars
- Wire Mesh Decks
- Galvanized Decks
- Skid Supports
- Post Protectors
- Drum Cradles
- Row Spacers
- Dividers
- Sprinkler Guards
- And More...

WAREHOUSE STORAGE SYSTEMS

Pallet Racking is the core of all warehouse racking systems, but additional efficiency can be gained by integrating other dynamic warehouse racking solutions such as Pushback Racking, Pallet Flow Racking, Drive-In Racking, Carton Flow Racking and Conveyors.



If attempting to match existing racking it is imperative that you consult Space Aid's Engineering Department to ensure that your system configuration complies with all updated regulations and specifications in accordance with Regulation 851 of the Occupational Health and Safety Act, and with the general requirements of Part 4 of the Ontario Building Code (2024) and the specific requirements of the User Guide for Steel Storage Racks - CSA A344:24 and Design and Construction of Steel Structures - CSA S345:23, as applicable.

BOLTED RACKING

UNIRAK Bolted is Space Aid Manufacturing's bolted version of pallet racking that offers strength, flexibility and cost savings over welded racking. Additional benefits include:

SAFE & PRACTICAL

Simple replacement of damaged components instantly restores system integrity while avoiding downtime and storage system lock-out.

FAST

Typically available with shorter lead times and fully interchangeable with welded uprights, UNIRAK bolted racking allows quick response to any installation, repair or modification need.

ECONOMICAL

Reduced freight, lower maintenance and repair costs, minimal downtime and higher resale values.

CAPACITY

Stronger than comparable welded frames.



UNIRAK BOLTED ADVANTAGES

- Increased capacity versus welded uprights
- Complete system flexibility
- 100% Interchangeable with welded uprights
- Minimum 30% savings on future replacement costs versus welded uprights
- Available in 11, 12, 13 and 14 gauge
- Powder coated or pre-galvanized finish
- Pre-Engineered connections
- Reduced lead times
- Single and welded double post options
- Easy integration of accessories
- Reduced downtime
- Reduced freight



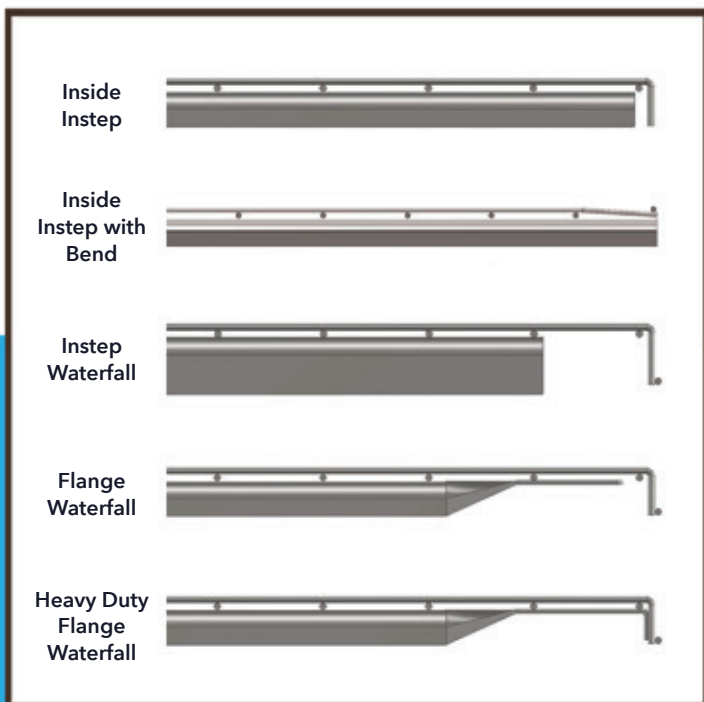
WIRE MESH DECKS

Space Aid offers a variety of wire mesh deck sizes, capacities, and custom configurations to accommodate any application. Wire Mesh Decks are available to suit Box Beams, Step Beams & Structural Beams, and are ideal for pallet or hand load applications.

ADVANTAGES

- Increase capacity
- Easy installation
- High visibility for inventory inspection
- Alternative solution to safety bars
- Ideal for hand load applications
- Minimizes dirt build-up
- Increases overhead sprinkler effectiveness
- Meet fire code standards
- Easy maintenance
- Promotes safety
- Powder Coated and Galvanized Finishes Available

*Custom Sizes, Configurations & Colours Available.



CONFIGURATIONS

- Inside Instep
- Instep Waterfall
- Flange Waterfall
- Dividers Available

STANDARD SIZES IN STOCK

- *. 24" x 46" - 3 Channel
- . 24" x 52" - 3 Channel
- *. 36" x 46" - 3 Channel
- . 36" x 52" - 3 Channel
- *. 42" x 46" - 3 Channel
- *. 42" x 52" - 4 Channel
- . 42" x 59" - 4 Channel
- . 44" x 46" - 3 Channel
- . 44" x 52" - 4 Channel
- *. 48" x 46" - 3 Channel
- *. 48" x 52" - 4 Channel
- . 48" x 59" - 4 Channel

*Ships within 48-72 hours. Based on available stock.

SPECIFICATIONS

- 6 Gauge wire
- 2" - 2.5" x 4" Grid pattern maximum
- Powder coat finish
- For some applications such as food storage, inverted channels are available

PALLET RACKING ACCESSORIES

Space Aid has a complete range of Pallet Racking Accessories to meet your exact application requirements. From Safety Bars to Wire Mesh Decks, Row Spacers, Guards and Hardware Space Aid Pallet Racking Accessories enhance your storage options and ensures your system is complete and safe.



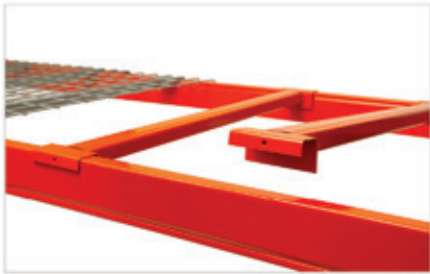
Backstop Safety Fence



Backstop Beams



Drop-In Deck Panels



Welded Safety Bars



Universal One Piece Safety Bars



Lock-In Safety Bars



Wire Mesh Decks



Row Spacers



Fork Spacers



Skid Support Channels



Safety Clips



'M' & 'D' Dividers

- Sprinkler Guards
- Drum Cradles

- Reel Adaptors
- Shims

- Post Protectors
- Bar Stock Arms

- Steel Decks
- End of Aisle Guarding

NEW & USED INVENTORY & QUICK SHIP



QUICK SHIP STOCK LIST

FRAMES:

- UNIRAK Frame 24" X 96"
- UNIRAK Frame 24" X 120"
- UNIRAK Frame 24" X 144"
- UNIRAK Frame 36" X 144"
- UNIRAK Frame 42" X 96"
- UNIRAK Frame 42" X 120"
- UNIRAK Frame 42" X 144"
- UNIRAK Frame 42" X 168"
- UNIRAK Frame 42" X 192"
- UNIRAK Frame 42" X 216"
- UNIRAK Frame 42" X 240"

BEAMS:

- UNIRAK Box Beam 1.5" x 4.0" X 96"
- UNIRAK Box Beam 1.75" X 5.0" X 120"
- UNIRAK Box Beam 1.75" X 6.0" X 144"
- UNIRAK Step Beam 4.0" X 48"
- UNIRAK Step Beam 4.0" X 54"
- UNIRAK Step Beam 4.0" X 72"
- UNIRAK Step Beam 4.0" X 96"
- UNIRAK Step Beam 5.0" X 108"
- UNIRAK Step Beam 6.0" X 144"

WIRE MESH DECKS:

- 24" x 46" Wire Mesh Decks
- 36" x 46" Wire Mesh Decks
- 42" x 46" Wire Mesh Decks
- 42" x 52" Wire Mesh Decks
- 48" x 46" Wire Mesh Decks
- 48" x 52" Wire Mesh Decks

ACCESSORIES:

- 42" Universal Safety Bars
- Row Spacers
- Post Protectors, Shims & Hardware

ORDER NOW!

RUSH SHIPPING AVAILABLE - PLEASE CALL

1-888-287-2046

QUICK SHIP 

USED INVENTORY

Space Aid stocks and has access to one of the largest inventories of new and premium used racking and material storage products through our distribution network.

**WE ALSO PURCHASE YOUR USED RACKING AND SHELVING.
PLEASE CONTACT US FOR MORE INFORMATION.**



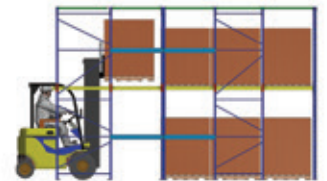
DRIVE-IN RACKING

Ideal for high density pallet storage applications, Drive-In and Drive-Thru racking are unique First In, Last Out (FILO) styles of racking that have higher storage densities than any other racking systems available. Drive-In racking allows standard fork truck access into the face of the system allowing larger storage blocks which reduces the number of required aisles. Capable of storing almost any pallet size or weight, each system must be specifically designed and analyzed by Space Aid's Engineering Department.



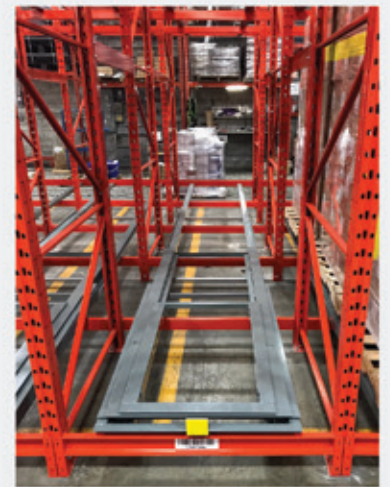
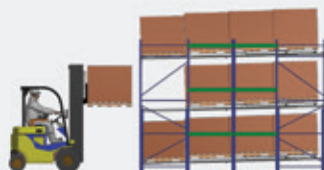
OPTIONAL FEATURES

- Cantilevered Entry Frames
- Structural Bases
- Post Protectors
- Pallet Stops
- Rub Rails
- Inverted Rails
- X-Bracing
- Entry Guides

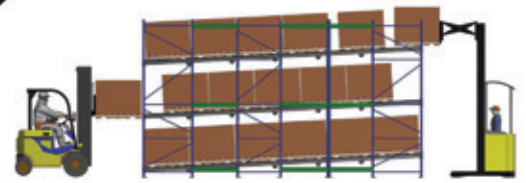


PUSH BACK RACKING

A First In, Last Out system (FILO), Push Back is designed to offer increased storage density with more pick faces than traditional high-density systems. Available in 2 to 6 deep systems Push Back is capable of handling up to 3,000 lbs. per pallet position. Standard designs are for CPC or GMA pallets, but non-standard designs for other weights, pallet sizes and containers are available. Each system is designed by Space Aid's Engineering Department to fit your operational needs. Push Back systems require less space than Pallet Flow systems and can be arranged as back-to-back or stand alone bays.



PALLET FLOW



Offering substantial labour and space savings over selective or Drive-In racking systems, Pallet Flow utilizes a calculated angle of descent to advance pallets along roller track or track beds from restocking position (charge) to the picking position (discharge) of the system. This First In, First Out system (FIFO) simplifies tracking and locating inventory while ensuring that product receives proper stock rotation. Each system is uniquely designed by Space Aid's Engineering Department to fit your operational requirements. Standard systems are designed to accommodate CPC or GMA pallets, however designs are available to suit non-standard pallets and containers.

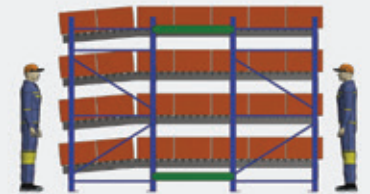


CARTON FLOW

Ideal for both manual full carton and individual parts picking applications, Carton Flow allows product rotation on a First In, First Out basis (FIFO). Utilizing a calculated angle of descent, Carton Flow roller tracks position cartons automatically from the restocking position (charge) to the picking position (discharge) of the system allowing order pickers and assemblers uninterrupted product supply. Average design loads range from 5 lbs. to 125 lbs. per linear foot with maximum flow lengths up to 144". Flow tracks are constructed from roll formed galvanized channels fitted with polypropylene or steel rollers on riveted steel axles. Entry and exit beams incorporate a track locating channel adjustable on 2" horizontal increments allowing easy and accurate placement of tracks and dividers.

OPTIONAL FEATURES

- Card Holders
- Dividers
- Additional Lanes
- Staggered Wheel Patterns
- Wheels on:
1.333", 2" or 4" Centers



GUARDING

Space Aid can custom manufacture any style of guard, guide rail system, post protector or frame protector to accommodate all needs and environments. Guards are used as a protective element in many different applications to protect employees, machinery and storage systems or for segregating work cells, restricting access, traffic aisles or pedestrian walkways. All guards are manufactured from formed or structural steel members and come complete with all necessary hardware. Guards are typically offered in standard safety yellow powder coated finish, however custom colours are available upon request.



Bollards



Bolt-On Bullnose



Clip-On Post Protectors



Horseshoe Post Protectors



MD Floor Mount Post Protectors



Single/Double Crescent Guards



End of Aisle Guarding



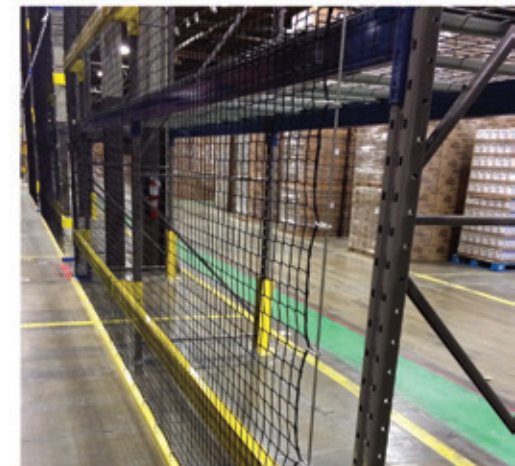
Pedestrian Guarding



Specialty Guarding

SAFETY NETTING & BACKSTOP FENCING

Our Safety Netting is designed with a focus on protecting employees and equipment from products that may fall from any type of racking system. Engineered netting systems can be customized to meet any racking requirements and have been tested to ensure the highest level of safety and security is achieved. Universal brackets, cables and hardware ensure any system can utilize this safety device.



SECURITY FENCING



Secure areas within your facility with Space Aid's Security Fence Enclosures. An economical bolt together enclosure can be tailored to suit virtually any customer requirement or configuration. Standard modular panels are 48" x 96" and are constructed from 2" x 2" mesh in a welded angle frame. Posts, doors, and sliding gates each come in a wide range of standard dimensions designed to suit many standard and special applications. Optional roof systems and various wire configurations are also available.

FENCING OPTIONS

- 2" x 2" Standard Wire Mesh Panels
- Full Height Enclosures
- Plexiglass Panels
- Roof Options Available
- Expanded Metal Panels
- Conveyor and Automation Fence
- 1" x 1" Wire Mesh Panels
- Machine Guard Fence
- 18 Gauge Sheet Metal Panels
- Service Wicket Available



Doors can be equipped with automatic door closures, panic bar, keyed cylinder lock and handle or any other custom hardware required.

ADVANTAGES OF SPACE AID'S FENCING SYSTEM

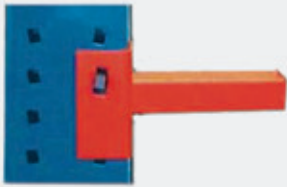
- Our fencing systems are inexpensive and easy to set up.
- High strength 1/8" angle iron frame for durability.
- Can be installed with minimal disruption.
- Flexible and mobile, making them ideal for reuse anywhere.
- Standard modular panels are built to be durable and to withstand high impact.

*Custom sizes, configurations & colours available.

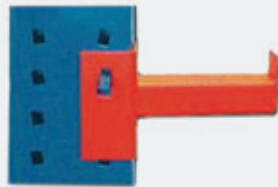


SINGLE AND DOUBLE SIDED CANTILEVER RACKING

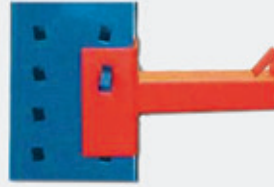
Our heavy duty Cantilever racking systems are designed to store a wide variety of products with unrestricted front access for standard and oversized items. Reducing handling time and increasing flexibility of storage positions, Cantilever racking allows quick access and is designed to accommodate loads with no vertical obstructions. Standard column heights range from 6' to 32' and Cantilever arms range from 18" to 72". Systems are capable of storing up to 100,000 lbs. per column. Custom designs are common and can be designed to meet your exact requirements.



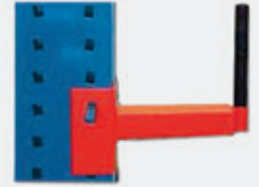
STANDARD ARM



STANDARD ARM WITH WELDED END STOP



STANDARD ARM WITH WELDED WEDGE STOP



STANDARD ARM WITH REMOVABLE PIPE STOP

Cantilever racking offers precision inventory control for any business using material of various lengths and sizes. Typical loads include metal extrusions, steel bars, tubes, pipes and lumber. With the use of narrow aisle or guided rail systems, high density Cantilever racking maximizes floor and vertical space. Floor guide rails and entry guards make cantilever safe and easy to use. Angle runners are also available for custom material handling equipment.



STANDARD COLUMN HEIGHTS

6' - 32'

STANDARD ARM LENGTHS

18" - 72"

CAPACITIES

Per Column (Side) 3,800 lbs. - 100,000 lbs. +

Per Arm: (U.D.L. Each) 624 lbs. - 8,300 lbs.



VERTICAL BRACE PANEL WIDTHS

24" - 90" Column Centers



Single Sided Cantilever

Double Sided Cantilever

SINGLE AND DOUBLE SIDED CANTILEVER RACKING WITH DECKING

Whether using rod and bar grating or heavy duty mesh for each shelf level, this type of system serves all the benefits of a conventional cantilever racking system while providing ultimate flexibility for product storage. This universal system can accommodate almost any type of product regardless of weight, length, depth or height; with the continuous unobstructed shelf level providing optimum storage efficiency. Cantilever Racking with Decking is ideal for customers that have a variety of different products that need to be stored in the same area.



SINGLE AND DOUBLE SIDED CANTILEVER RACKING WITH ROOF

Protect your product from harsh outdoor weather conditions with our Cantilever Racking with Roof Systems. Designed for outdoor applications, this type of system provides all the benefits of a conventional cantilever racking system while protecting your product from rain, snow, ice and sun damage. Our single or double sided angled roof design incorporates the perfect pitch to shield your product from the elements; additional features such as clad side walls and back are also available for added protection. Typical outdoor applications include lumber yards, retail home and building supply centers and various outdoor shipping yard operations. All systems are custom designed in accordance with local building codes; ideally outdoor cantilever racking systems should be installed on a suitable concrete slab. Structural considerations for wind and snow load are also included as part of our design. All systems are available in a powder coated with a UV resistant coating or hot dip galvanized coating.



CONTAINERS

Our rigid welded containers are ideal for a wide range of shipping, processing and storage applications. Stackable up to five high when loaded, their heavy gauge split tube or structural steel frame construction produces a rugged yet economical product. Standard cup feet and four way access make these containers safe and easy to handle. Standard sizes are available in both solid sheet and expanded mesh. Collapsible and drop bottom versions are also available.



NCE-S-GW2

Size 40" x 48" x 40" O.H.

Capacity. 4,000 lbs. 29cu. ft.

34-13 Expanded Metal Sides

Solid Sheet Floor

Two Half Drop Gates on Short Sides

*Also Available in Solid Sheet

OPTIONAL FEATURES

- Security Lids
- Fork Straps
- Bumpers
- H.S.S. Construction
- Dividers
- Card Holders
- No Gates
- Stenciling / Labeling
- Long Side Gates
- Leg Caps
- Pin/Target Feet
- Casters

BULK CONTAINERS

Space Aid's bulk containers, stacking racks and carts are designed and constructed to efficiently move, store and ship all type of components. You can rely on these reusable units to move your product faster, safer and more cost-effectively.

SPECIAL CONTAINERS

When standard containers are not compatible with your exact requirements, Space Aid's design staff can create a special container to meet your exact needs. Space Aid manufactures special containers by combining standard components with custom configurations. Special containers are available in solid sheet, expanded metal, perforated metal, corrugated metal and wire mesh options and remain economically priced.

MOBILE CARTS

Mobile Carts / Dollies are ideal for large or small facilities and can be used for pick applications, temporary storage, packaging applications or where transportation of goods through a facility is required. Space Aid offers various types and sizes of carts with an endless assortment of accessories to suit your requirement.





SCE-E-GW2

Size 34-1/2" x 40-1/2" x 32-1/4" O.H.
 Capacity: 2,500 lbs. - 15cu. ft.
 34-13 Expanded Metal Sides
 34-13 Expanded Metal Floor
 Two Half Drop Gates on Short Sides



SCE-S-GW2

Size: 34-1/2" x 40-1/2" x 32-1/4" O.H.
 Capacity: 3,000 lbs. -15cu. ft.
 34-13 Expanded Metal Sides
 Solid Sheet Floor
 Two Half Drop Gates on Short Sides



SCS-S-GW2

Size 34-1/2" x 40-1/2" x 32-1/4" O.H.
 Capacity: 3,000 lbs. - 15cu. ft.
 Solid Sheet Sides
 Solid Sheet Floor
 Two Half Drop Gates on Short Sides

STACKING RACKS

An excellent portable alternative to static selective pallet racking, stacking racks save valuable space by storing bulk items in individual racks. A safe and economical product, stacking racks are typically constructed using structural materials. Collapsible options make empty stacking racks easy to store in only a fraction of the space used when loaded. Each rack is designed to meet your exact loading requirements.

OPTIONAL FEATURES

- Slave Carts
- Casters
- Collapsible Sides
- Stenciling
- Fork Straps
- Brakes
- Removable Posts
- Labeling
- Fork Runners
- Expanded Mesh Floor



TRANSFER CARTS

A Transfer Cart is an essential tool for manually handling and transporting steel containers and skids. Transfer Carts are specifically built for compact warehouse and manufacturing operations where forklift traffic is not possible or limited. Space Aid offers various types and sizes of Transfer Carts with an endless assortment of accessories to suit your requirement.



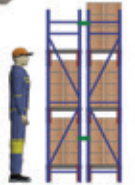
SHELVING

Space Aid manufactures two models of boltless shelving, SD (Standard Duty) and MD (Medium Duty). Designed for superior strength and durability, MAXI SHELF is an ideal product for any application. Beams are adjustable on 2" vertical increments and accommodate many different shelf types. Standard shelf types include galvanized decks, plywood, particle board and wire mesh decks. MAXI SHELF is versatile for a variety of applications and is stronger than other leading brands.



MAXI SHELF SD/MD

MAXI SHELF SD and MD series frames are constructed using 14ga. materials, have a 1.5" x 2" post profile, and can be designed to allow up to 3,000 lbs. per shelf level. Welded footpads are standard.



ACCESSORIES

- Steel Shelves
- Plywood
- Under Shelf Supports
- Dividers
- Wire Mesh Decks
- Wall Ties
- Particle Board
- MDF / HDF
- Melamine Board

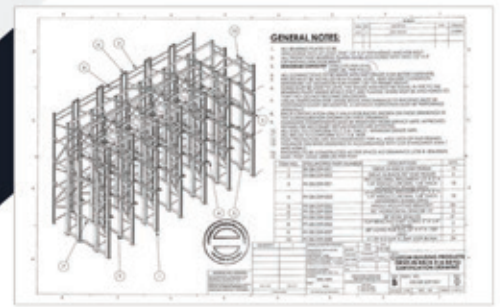
BOLT-LESS INDUSTRIAL SHELVING

Components include: Double-formed 1-1/2x2", 15-gauge steel T-style posts, 12-gauge steel braces, cold-rolled furniture grade steel shelves, and 12-gauge steel cadmium plated shelf clips. Shelves are double-formed on all sides. Shelf capacity based on evenly distributed loads. Economically priced heavy duty interlock BOLTLESS industrial shelving. Designed for maximum strength and durability.



- **Assembles in minutes, easily assembled in an upright position in less than one third of the time of bolted shelving**
- **Compatible with Metalware Shelving**
- **Shelf heights can be changed without dismantling the unit**
- **Powder painted in a high quality Olive Grey**
- **Standard unit contains Steel 19ga. Shelves, 15ga. T-posts, and side and back "X" bracing**
- **Side panels and back panels also available for enclosed shelving units**

PRE-START HEALTH & SAFETY REVIEW



INSPECTIONS

Space Aid Manufacturing offers a Storage System Inspection Program to ensure our customer's racking systems remain safe for their workers in compliance with the Occupational Health and Safety Act and in accordance with the general requirements of Part 4 of the Ontario Building Code (2024) and the specific requirements of the User Guide for Steel Storage Racks - CSA A344:24 & Design and Construction of Steel Structures - CSA S345:23, as applicable. We complete damage inspections for new and existing customers on a quarterly, semi-annual or annual basis depending on the customer's needs. We have developed a specific application used by our Trained Inspectors to complete onsite visual inspections of all existing systems. The application collects all the information needed to understand the current status of the system and generates a digital report that includes system/component details, images, and specific recommendations to address damage or installation deficiencies.

SERVICE & REPAIR

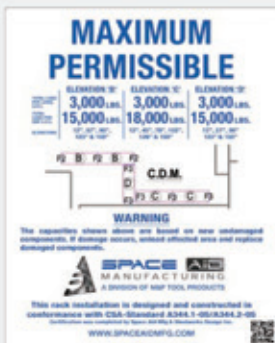
As part of the inspection program, Space Aid Service Technicians are specifically trained to service and repair most existing warehouse systems. Each Inspection Report will include a quotation to address any requirements for components, service and engineering. Ongoing maintenance must be a part of any comprehensive inspection program. Whether replacing with OEM components or designing custom repairs, all work completed by Space Aid includes engineering support.

SYSTEM CERTIFICATION & PRE-START HEALTH & SAFETY REVIEW

Space Aid offers Pre-Start Health and Safety Review (PSR) services to bring systems into compliance with the applicable provisions of Regulation for Industrial Establishments as listed in section 7 of Regulation 851 of the Occupational Health & Safety Act. This required report details the measures necessary to bring the construction, addition, installation or modification of a new or existing system into compliance.

DATA CAPACITY PLAQUES

The final requirement for system certification is signage. Space Aid's large, visible and very detailed Data Capacity Plaques can be mounted at the end of each racking aisle or throughout the warehouse. These plaques exceed the recommendations of the CSA Standards and reference all the applicable engineering and work orders along with including the specific details of the system configuration. Most importantly, the plaques provide clear details of loading capacity of the system to ensure operators fully understand the capacity of the system.



INSTALLATION & SERVICE

INSTALLATION & SERVICE

Space Aid Manufacturing's Installation Division continues to expand and grow to meet our customers needs. Our Service Technicians are direct employees of Space Aid. By working directly for the manufacturer, it ensures that safety, quality, accuracy and customer satisfaction are always our top priority. Our diverse workforce allows us to manage multiple large projects at once while maintaining our service division to deal with smaller installs, modifications, inspections and repairs.



CONTRACTOR SAFETY

Space Aid's Installation and Service Division has maintained an impeccable safety record. We ensure our Technicians are properly trained in Working at Heights, all equipment operation, First Aid, WHMIS and more. In addition to our own Safety Policy, we easily adapt to any customer's additional safety training programs. Prior to the start of any project, we provide a copy of our Installation Safety Policy, Certificates of Training, Workplace Safety Insurance Board (WSIB) Clearance Certificates and a copy of our \$10M liability insurance.

Space Aid has also developed industry leading applications allowing our onsite Supervisors to complete Job Hazard Assessments, Equipment Inspections, Toolbox Talks, Accident Investigation and more in real-time allowing us to ensure that safety is always our primary consideration.



BUSINESS RELOCATIONS

Space Aid's Installation Services extend beyond the installation of new product. We have assisted many companies with relocating their warehouse to new facilities. We work with our customers to develop a comprehensive relocation schedule to minimize downtime and ensure business operations can resume on time. We can handle all aspects of the move including; teardown of all existing storage systems, loading/unloading/coordinating shipments, and reinstallation in the new location based on the most efficient layout to suit business needs.



MODIFICATIONS TO EXISTING SYSTEMS

As organizational needs change, Space Aid can assist in making modifications to existing systems to maximize space and efficiency. Any modification to an existing system triggers the requirement for a Pre-Start Health & Safety Review (PSR), which can be provided by Space Aid. All modifications are supported with engineering analysis and engineer stamped drawings.



WAREHOUSE SAFETY

Hazard identification is critical to maintaining a safe work environment. Space Aid Service Technicians specialize in the installation of a variety of safety upgrades including, additional rack guarding, handrail, fencing, machine guarding or engineered netting systems.



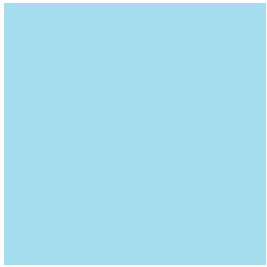
POWDER COATING & FINISHING



PAINT COLOURS AND SPECIFICATIONS

Space Aid's custom powder coating system is able to accommodate parts 48" wide, 72" high and 32' long. A five stage environmentally friendly iron phosphate wash and rinse pre-treatment cycle ensures all components are thoroughly cleaned prior to coating guaranteeing superior corrosion resistance between the product and our TGIC free baked on polyester powder coat finish. Typical paint coverage will be 2 mils - 3 mils providing a durable and even finish with improved hardness, exterior stability and chemical resistance.

SPACE AID STANDARD COLOURS



Space Aid Light Blue



Space Aid Medium Blue



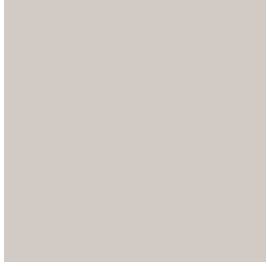
Space Aid Dark Blue



Space Aid Royal Blue



Space Aid Orange



Space Aid Light Gray



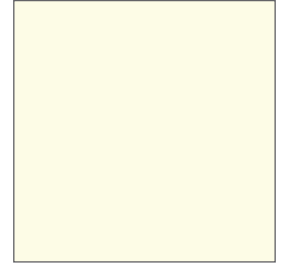
Space Aid Dark Gray



Space Aid Dark Green



Space Aid Medium Black



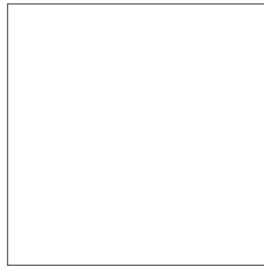
Space Aid Off White



Space Aid Barn Red



Space Aid Safety Yellow



Space Aid Sky White

- Custom colours are available upon request for an additional cost.
- Colours may vary slightly when applied to steel.
- Standard colours can be used for any product at no additional cost.
- FDA approved powder available at an additional cost

ADDITIONAL FINISHING OPERATIONS

- Baked on Polyester Powder Coating
- Zinc Plating
- Plastic Coating & Rubber Dipping
- Tumbling
- Hot Dip Galvanizing
- Nickel Plating

Please note that due to differences in colour when printing, colours may not be exactly as shown. Please ask for a sample before selecting your colour.