Leading the Industry…
Wide Range of Storage Systems
Ridg-U-Rak is one of the largest storage rack manufacturers in North America, with an annual capacity of more than 100 million pounds and 400,000 sq. ft. of production and warehouse space. From economical 100% selective rack to high-density storage systems, Ridg-U-Rak offers a solution to meet virtually any storage need.

Roll Formed Columns and Beams
At the heart of most Ridg-U-Rak structures is our famous roll-form column design. Each upright is fully welded using heavy-duty bracing and base plates to ensure structural integrity and to eliminate installation delays and costs inherent in bolt-together uprights. Ridg-U-Rak offers a wide variety of column and beam profiles of various gages to provide our customers with the most efficient solutions possible. All uprights, beams and support components are engineered to maximize load capacities while minimizing weight to reduce cost.
100% SELECTIVE PALLET RACKS

Original Slotted

Industry Compatible Tear Drop Style Rack

Slotted or Bolted

Drive-In/Drive-Thru

Push-Back

Gravity Flow

Storage Rack Systems

Original Ridg-U-Rak Hook and Slot Design

Ridg-U-Rak's original slotted roll-formed columns with fully welded bracing sets the standard for rigidity, strength and durability. Ridg-U-Rak is available in a wide variety of sizes and load capacities.

Columns Sizes: 3x2-1/4, 3x3 and 4x3-inch

Beam Sizes: 2-1/2 thru 6-1/2 inch

Connection Style: Hook and Slot with automatic lock

Features:
- Roll-formed columns with 180° return flanges
- 100% welded uprights
- Superior bracing design
- Large base plates
- Offset anchor holes
- 4” vertical adjustability

Applications & Options:
- 100% Selective
- Industrial, retail and general warehousing
- Many accessories available
- Economical installation

Universal application
Easily reconfigured
Versatile for inventory changes
Immediate access to every pallet load

The Space Saver Rail saves vertical space when height is critical.

Features & Benefits:
- Fewer aisles
- Increased storage space
- Depth of system virtually unlimited

Applications:
- High-volume SKU storage
- Freezer/Cooler storage
- Storage of common-sized pallets

Ridg-U-Rail 2000 or Space Saver Rails

Drive-In and Drive-Thru systems store product on continuous rails that allow lift trucks to enter the rack structure to place and retrieve pallets. Fewer aisles are required, thus increasing storage density. These “last-in, first-out” storage systems are ideal for warehousing similar products on like-sized pallets.

The Space Saver Rail 2000 is a roll-formed rail offering unparalleled strength and rigidity.

Features & Benefits:
- Various sizes and capacities
- Slotted is NSF-approved
- Large base plates
- Hybrid structural roll-formed systems are available

Applications:
- Universal product storage
- Aisle access to each pick face
- Large number of SKUs and pick faces

First In, First Out Pallet Flow

Cart-On-Rail System

Push Back systems offer similar storage density as drive-in while improving selectivity and accessibility to a range of SKUs. Product stored in lanes rest on a system of carts-on-rails commonly available in 2 to 6 pallets deep. From one aisle, pallets are stored by “pushing back” stored pallets and placing the new load on the next cart position. Retrieving a pallet causes each subsequent pallet to move forward into a ready position. This “last-in, first-out” system per lane reduces picking time when a large number of picking faces are required.

Ridg-U-Rak’s patented design features large coated wheels with sealed bearings. The linked cart design provides for smoother operation.

The SpacSaver Rail saves vertical space when height is critical.

Features & Benefits:
- Fewer aisles
- Increased storage space
- Depth of system virtually unlimited

Applications:
- Universal product storage
- Aisle access to each pick face
- Large number of SKUs and pick faces

First In, First Out Pallet Flow

Ideal for supplying pallet loads of common SKUs. Pallet loads are placed at the charge end, then flow down an incline to be picked at the opposite end. Gravity flow racks are an economical first-in first-out storage solution. When pallets other than GMA pallets are used, Ridg-U-Rak conducts pallet tests using the client’s actual pallet to ensure the flow system functions properly.

Standard Load: 3,000 lbs

Features & Benefits:
- Deeper systems
- Multiple roller options
- Available entry guides
- First in – first out per lane

Applications:
- Commonly used in pick modules and staging areas
- Large volume per SKU
- High throughput

Very High Density

Push-Back

Drive-In/Drive-Thru Gravity Flow

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Limitations

VNA racks provide a high floor space devoted to heights of 40 feet or more. The use of structural columns & beams:
- 100% Selective
- Features & Benefits
- Vertical adjustability

Applications:
- Limited space
- Combination of High Density...
## WORK-IN-PROGRESS STORAGE

High Density storage at lower costs. Sub-assemblies with limited space.

### Applications:
- Aircraft & automotive
- Tool & die storage
- Organize components & sub-assemblies
- Work-in-progress storage

### Features & Benefits:
- Easily expandable
- Heavy-duty bracing
- Increased storage flexibility
- 2,000/4,000/6,000 lbs capacity standard per pallet
- Integrated safety features

### Column & Beam Sizes:
- Roll-formed or structural
- 1-3/4 x 3-1/4-inch open cavity flow racks are an alternative to gravity flow systems. Pallets travel on rollers and are moved through the system by a motorized carriage. The pallets move horizontally at a controlled forward speed. This means no wasted vertical space at the input end.

### Applications:
- Optimize vertical space
- Simple design and operation
- Product always staged at discharge end

### Multi-Level Order Picking Systems

Pick modules are custom multi-level order picking and storage systems. They have a lift truck aisle on one side of the system and an order picking aisle on the opposite side. Pallets and products are inserted into the system from the truck aisle and removed by order pickers on the pick side. System may include multiple storage methods such as pallet flow, cantilever flow, push-back and static storage to optimize product throughout. Ridg-U-Rak offers comprehensive engineered solutions to complex picking operations.

### Features & Benefits:
- Full-service engineering, project management and installation
- Multi-level picking
- Various types of floors and decking
- On-site project management

### Applications:
- High volume order fulfillment
- Regional distribution operations
- Rapid order picking

### Patented High Density Deep Flow Powered System

Ridg-U-Rak’s HPTS provides a reliable, uninterrupted flow of product without the disadvantages of gravity flow systems. Pallets travel on rollers and are moved through the system by a motorized carriage. The pallets move horizontally at a controlled forward speed. This means no wasted vertical space at the input end.

### Features & Benefits:
- Unlimited lane depth
- Optimize vertical space
- Simple design and operation
- Product always staged at discharge end
- Mixed pallet weights in the same lane

### Applications:
- Food & process plants
- Distribution facilities
- Large volume SKUs

### Very Narrow Aisle

VNA racks provide a significant reduction in floor space devoted to aisles and can reach heights of 40 feet or higher.

### Columns & Beams: Roll-formed or structural

### Features & Benefits:
- 100% Selective Rack (see Selective Rack Features & Benefits)

### Limited Space Solutions

First In, First Out Pallet Flow

By simply placing one row of selective rack behind another, Double Deep systems increase the productive use of floor space by 60% to 85%.

### Double Deep

Gain 60% Density

These structures offer low initial cost, good density and selectivity.

### Selection Guide

For more information on these and other products, visit our website or contact us today.
Safety and Innovation
As an industry pioneer and founding member of the Rack Manufacturers Institute, Ridg-U-Rak has always taken a leadership position in developing innovative solutions to improve rack safety. Column Sentry reinforcements, slant back/offset uprights, beam-to-column locking mechanisms and our new Seismic Base Isolation Technology are all examples of this commitment to safety and innovation.

Design through Installation
Ridg-U-Rak is a customer-centric, full-service organization offering project management, engineering, design and installation services. Our highly experienced engineering staff can handle a multitude of complex projects and work directly with our project managers to ensure that all specifications are satisfied.

A new project begins with designers using proprietary software to layout storage systems to meet the capacity and utilization requirements unique to our customer’s needs. A Project Management Team ensures the ultimate success and total customer satisfaction of every project. This team is lead by a Project Manager who coordinates the engineering analysis, design details and communication with onsite Field Supervisors.

To complete the process, Ridg-U-Rak can provide skilled installation services for any project. Installation teams arrive on-site ready to meet your schedule... on time and on budget.

Quality Manufacturing
Roll Form Manufacturing
State-of-the-Art high volume roll form operation using induction welding process for closed tube beams.

AWS Certified Welders
The quality of the workmanship performed on a rack system directly relates to that rack’s durability and safe-usage. Ridg-U-Rak uses AWS certified welders to ensure manufacture of reliable products.

State-of-the-Art Powder Coat Paint Systems
Racks built to last require a durable finish. Our powder coated paint finish has superior impact resistance and is applied by our state-of-the-art automated paint line for uniform quality. Additionally, hard-to-access areas are hand-sprayed to ensure coverage. Ridg-U-Rak systems resist chips and scratches, providing a long-lasting finish for better appearance and reduced maintenance.

Quality Control
Certified fabricator in numerous municipalities around the United States.

For more information, please contact us:
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www.ridgurak.com

Ridg-U-Rak is a founding member in good standing of RMI. The Storage Rack covered by this manual is in full compliance with the latest design specification approved by the members of the RACK MANUFACTURERS INSTITUTE. We believe that it is important to you that your supplier be committed to the principles of continuous improvement in both product design/application, and in the highest professional and ethical standards of performance as embodied in the mission and work conducted within RMI.

Proud member of these organizations: