

SK3400

High Density Dynamic Flow Storage System



Go with the flow.

 **Cisco-Eagle**

STEEL KING

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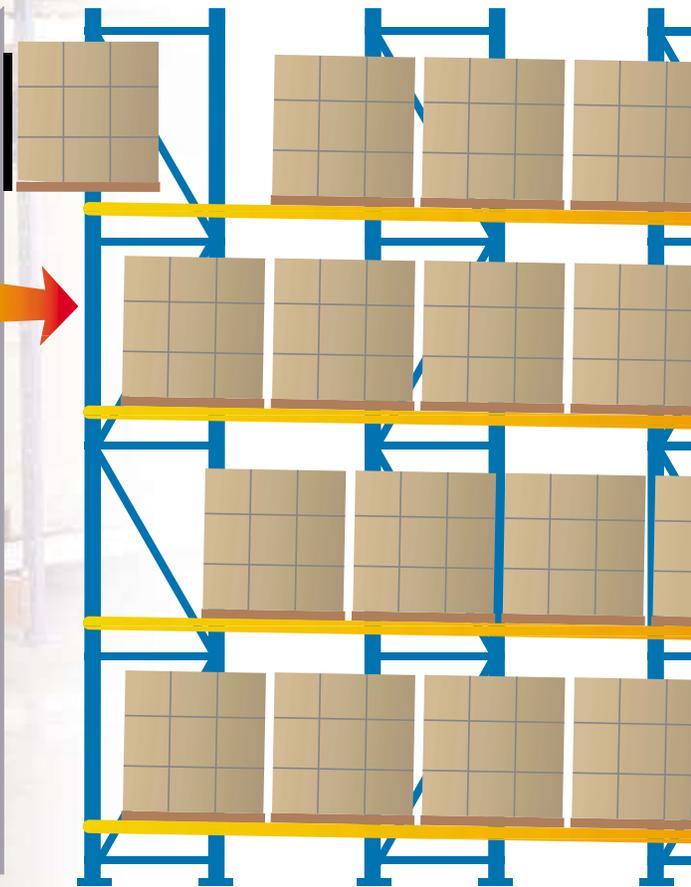
CISCO-EAGLE IS EMPLOYEE OWNED, MANAGED, AND OPERATED

Get your inventory control savings rolling

Efficient and cost effective, a flow storage system combines excellent space utilization and FIFO inventory control with flexible selectivity options.

Flow storage is essential for managing perishable and time-sensitive products in high density storage areas.

The flow storage concept



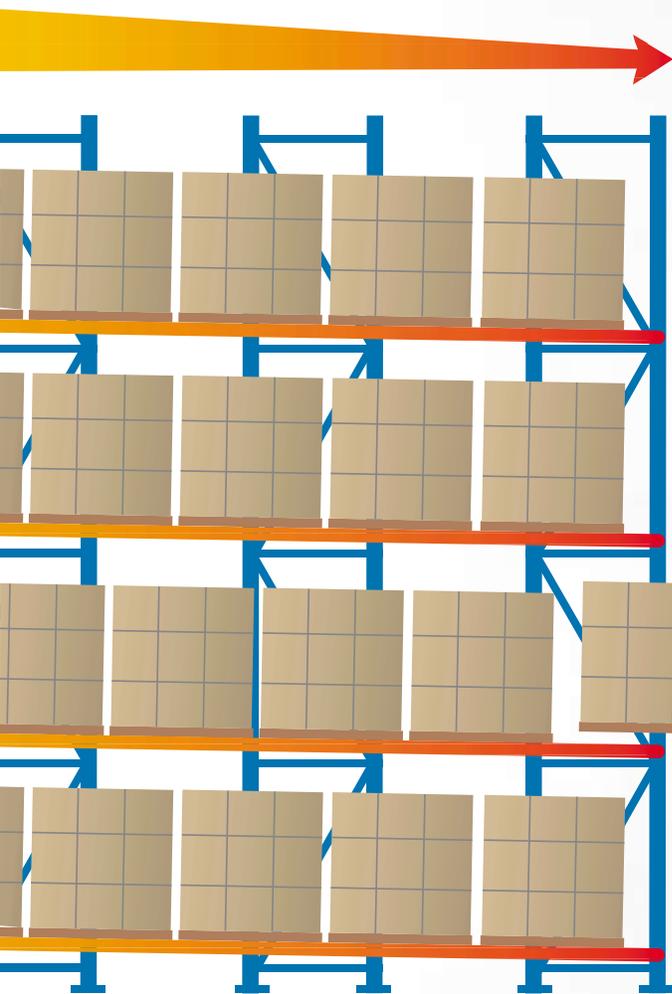
How the Steel King SK3400 Flow Storage System works

A flow storage system has two parts: a static rack structure and dynamic flow rails. The flow rails are set at an incline in the rack structure, allowing loads placed on one end of the rack to move down to the unloading end. Rollers let the loads move smoothly while self-energized speed controllers act as gentle brakes. As a load is removed, the loads behind it move forward automatically. The flow system depth, height, and width are limited only by the size of your facility and the capabilities of your material handling equipment.



Increased efficiency

- FIFO inventory
 - Ideal for perishable and time-sensitive products where lost product becomes lost profit
- Reduced handling costs
 - Powered by gravity alone - once loaded, product rotation is automatic
- Reduced handling equipment costs
 - Fewer aisles and forklifts result in lower labor and fuel costs
- Better use of warehouse space
 - Up to 100% more product storage than selective rack systems
- Maximize space savings
 - Store more product in less space, reducing total physical plant and overhead costs
- Increased flexibility
 - Useful in many applications including raw materials receiving and storage, work-in-process, buffer storage, finished goods, order picking, and cross docking



Expertise

At Steel King, your storage problems will be solved with the highest level of expertise and innovation offered anywhere in the industry. Registered structural engineers design all Steel King products to strictly conform with industry safety codes.

Special solutions



Custom design

Steel King will specially design systems to meet your requirements, including:

- Alternate flow systems such as full roller, short roller, and skate wheel
- Special containers
- Various pallet sizes and types

Compare before you buy, Steel King is the better choice

- Easy Installation
 - † Modular design also allows easy expansion
- Stronger steel
 - † High strength steel throughout
- Tougher finishes
 - † Powder coated for better gloss, hardness, and adherence
- Better function
 - † Full integration with Steel King's complete line of storage solutions
- Higher value
 - † Lower lifetime costs



**The best
racks don't
always come
off the shelf**

Off the shelf solutions don't always meet the requirements of your building, product, or systems.

Steel King starts with an analysis of your warehousing objectives to determine the most efficient means of storing and accessing product.

The result: dramatically reduced long-term operating costs.

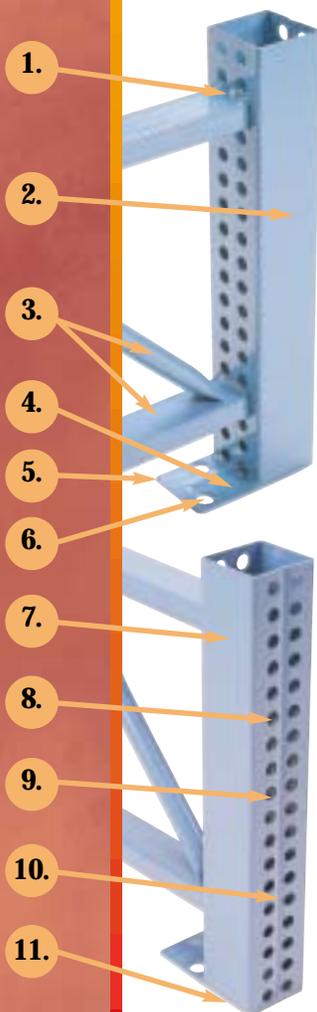
Testing the system



Videotapes of testing are sent to our customers for approval

Steel King's in-house testing facility will ensure the proper system design to fit your pallet, product, and workflow. Rail types, rail pitch, and brake spacing are customized, then go through very thorough and unique testing procedures. A videotape of these tests is provided for your approval and complete satisfaction.

SK3400 rack structures... a solid foundation



In 1992, Steel King set the new standard for pallet rack performance with the power of all tubular construction in the revolutionary SK2000 series rack. Today, Steel King continues its innovation with the unique front-punched tubular upright along with a special clip that offers flexible 1/4" adjustability while maintaining positive locking connections. The durability, reliability, and longevity of tubular construction makes the SK3400 rack the flow system against which all others are measured. Other benefits include:

SK3400 Features

SK3400 Benefits

1. Full horizontal welds	1. Increased impact resistance
2. Continuously welded, all tubular construction	2. Greater durability and less maintenance
3. Full horizontal and diagonal bracing	3. Increased frame strength
4. Footpad ridge	4. Easy shim nesting
5. Heavy 10-gauge footpad	5. Disperses floor loads
6. Multiple offset anchor holes	6. Easy anchor attachment
7. Tubular column, 3" x 3", 55,000 PSI steel, variety of gauges	7. Meets a variety of capacity and durability requirements
8. Heavy-duty bolted connection	8. Enables a safe, slip-free connection which is adjustable
9. Holes on face, not corners, of column	9. Minimum loss of column strength
10. Formed column ridge	10. Increased column rigidity
11. Flush footpads	11. Easy floorbeam seating

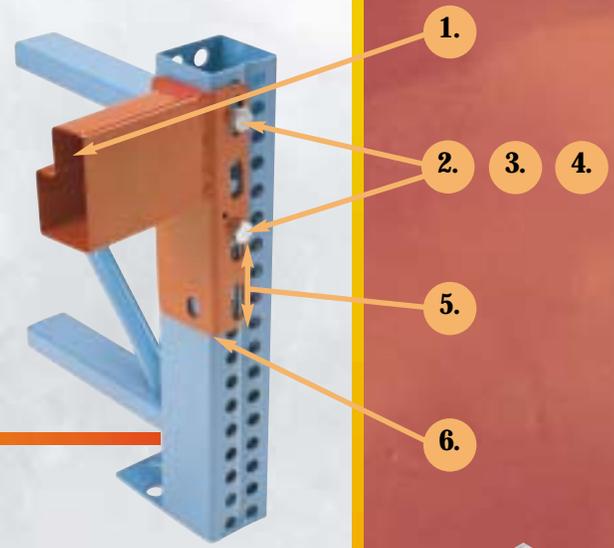
SK3400 connectors

Features

1. Step and channel types
2. Bolted beam connection
3. Two bolts per end
4. Grade 5 hardware
5. Adjustability of 1/4"
6. Heavy 9-gauge steel

Benefits

1. Economical, durable
2. Strong and adjustable
3. Greater moment capacity
4. Greater shear strength
5. Ease of installation
6. Greater moment resistance



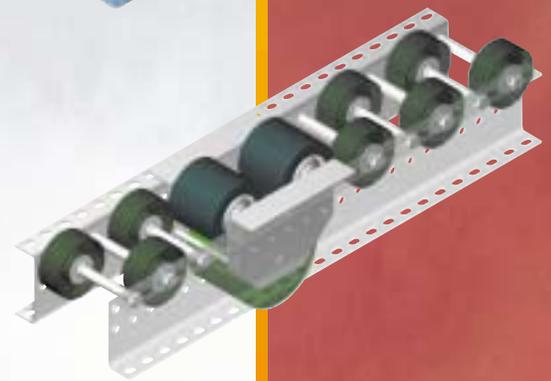
SK3400 rails, wheels, and brakes

Features

1. Full selection of wheel and roller configurations
2. Non-powered indirect mounted brake
3. Fully tested
4. Exit beam serves as pallet stop

Benefits

1. Handles most types of pallets or skids
2. Smooth, reliable speed control
3. Customized to your operation
4. Pallet line pressure is distributed evenly



Other features and benefits

- Safety factors: Uprights=1.80:1 Beams=1.67:1
- Design is easily expandable and adaptable to meet future requirements
- Full range of standard sizes and capacities
- Installs easily by your personnel or ours
- Economical to purchase and maintain
- Multiple plant locations mean fast delivery and lower freight costs
- Over 12 standard colors at no charge (ask for details)



All capacities meet RMI specifications





Expertise

Steel King manufactures both rack and flow components for maximum compatibility and reliability. From concept through engineering, manufacturing, installation, and start-up, Steel King has the experience to make your system work right ñ right from the start.

The Steel King Standard

Innovation, exceptional designs, and expert manufacturing... where Steel King goes, others follow.



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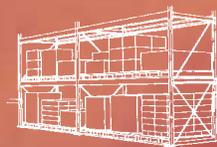


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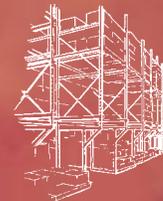
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Additional products

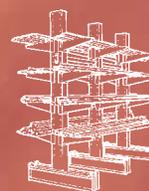
Steel King produces a wide variety of steel storage products in addition to the unique SK3400 Pallet Flow system.



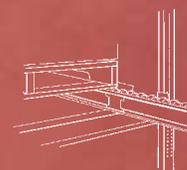
Selective Rack



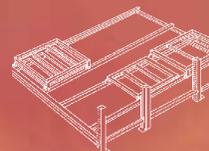
Drive-in Rack



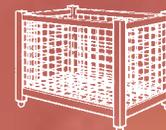
Cantilever Rack



Pallet Flow



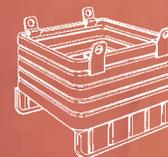
Pushback Rack



Rigid Container



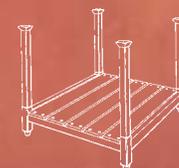
Workingtainer



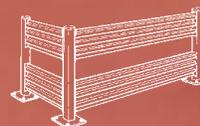
Corrugated Container



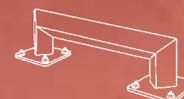
Hold & Fold



Portable Rack



Steel Guard



Mega Guard