



All Products Comply With ISO 9001 Standards.

tellus[®]
Your Storage Systems Expert

Tellus Systems Limited

Product Catalogue

Section 1: High Density Pallet Storage

- Horizontal Pushback Spring Rail System
- Horizontal Pushback Flow Rail System
- Inclined pushback Roller Rail System

Section 2: Carton Storage & Handling

Dynamic Carton Storage:

- Free Roller Bed
- Free Wheel Bed

Carton Handling:

- Gravity Roller Conveyor
- Motorized Belt Conveyor
- Motorized Roller Conveyor
- Handling Station - Ball Table
- Handling Station – Flat Table

Section 3: Contract Manufacturing

- Showcases
- How it works

Spring Rail System

Section 1

■ Benefits:

- Tracks perfectly horizontal - material will not drift or fall
- Automatically retrieve pallet to front
- Retrofits onto any existing racking
- No special beams required
- Lower profile than conventional pushback cart
- Pallets move together - does not derail or block
- Compatible with wood or plastic pallets
- Pallets inside a lane can have various weights & size
- Works with front pallet case picking
- Store up to 4 pallet deep each lane

Floor-Level Tracks Can Be Anchored Flat Onto Concrete Slab



High Density

Horizontal Pushback

Pallet Storage System



Spring Rail System

Section 1

■ Heavy-duty, industrial-grade spring

- Outstanding extension capability
- Rated 25,000+ cycles before showing signs of fatigue.
- Includes security cable for springs

2-4
PALLET

+40%
OCCUPANCY

4X
SKUs

75%
FASTER


-22°F / -30°C



High Density

Horizontal Pushback

Pallet Storage System



Added central roller track provides additional support to weak pallet

Spring Rail System

Section 1

■ Benefits:

- Can be installed in coolers and freezers
- Low maintenance and repair cost



High Density

Horizontal Pushback

Pallet Storage System



Retrofit onto existing drive-in racking

Spring Rail System



Section 1

■ Benefits:

Tracks shipped FULLY ASSEMBLED
for quick and easy install

High Density

Horizontal Pushback

Pallet Storage System

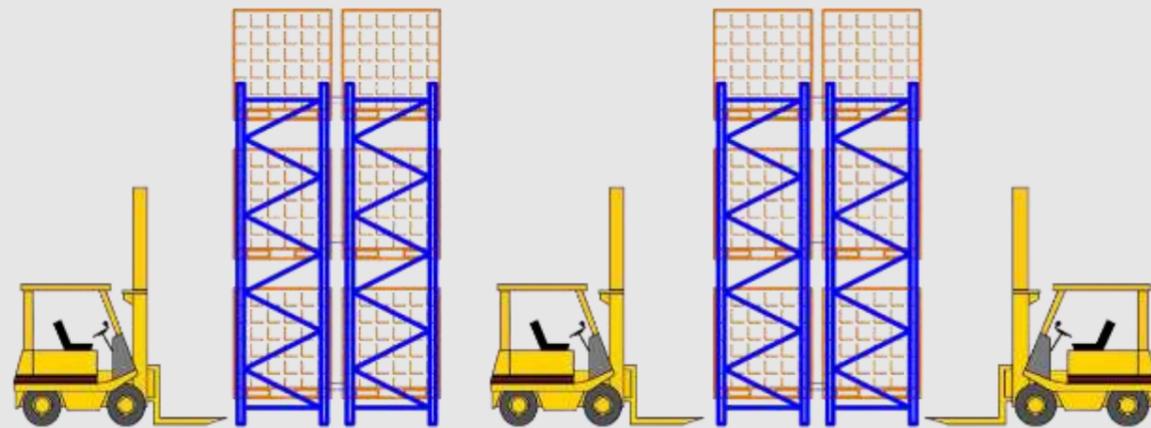


Spring Rail System

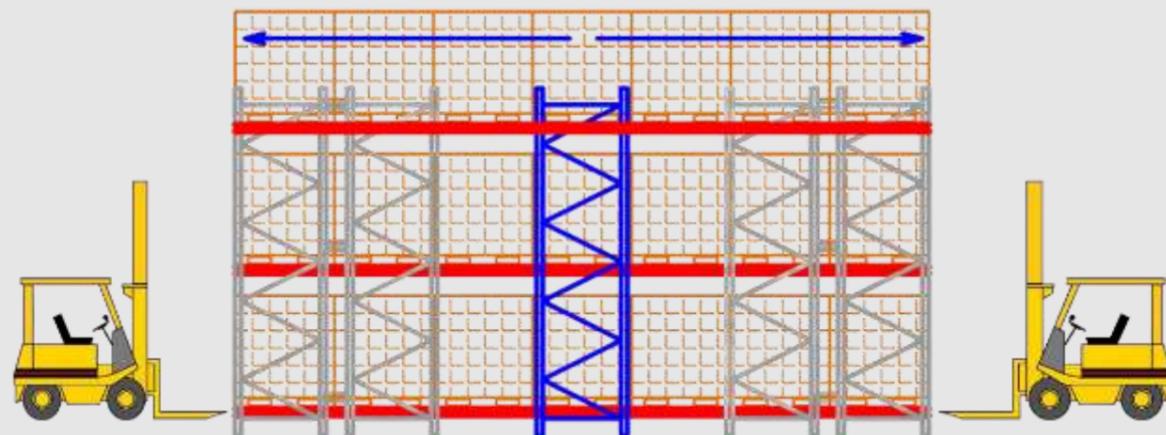
Section 1

Remove wasteful aisles and achieve 80%+ density pallet storage with your existing racking.

Before



After



High Density

Horizontal Pushback

Pallet Storage System

Watch it in action

SPRING RAIL
International Patent



INCREASE 80%+ of YOUR PALLET STORAGE

Section 1

Flow Rail System



High Density

Horizontal Pushback

Pallet Storage System



■ Square foot efficiency

Ultimate high density pallet storage system:

- Store up to 12 pallets in a lane
- Mix different SKUs in same bay
- Goods can be picked from any level at anytime

■ Safety

Accident risk is significantly reduced:

- Load / unload goods from the face of the rack, no drive in and out to damage the rack
- Tracks perfectly horizontal - material will not drift or fall

■ Flexibility

- No pitch is required, retrofit onto existing racking
- No special beams required

■ Trouble free operation

- No motor to maintain or battery to charge

Section 1

Flow Rail System



High Density

Horizontal Pushback

Pallet Storage System



Easily Convert drive-in to flow rail

Lowest track profile
– more room to store

Multi track lane to store oversize
pallets (16 feet wide / 5 tracks)

Section 1



High Density

Horizontal Pushback

Pallet Storage System



Flow Rail System

Top quality, low-temperature-resistant material for years of reliable, trouble-free performance

2-12
PALLETS

+40%
OCCUPANCY

4X
SKUs

75%
FASTER


-22°F / -30°C

Cool room or freezer applicable

Section 1

■ Unload Assistant

An effective device to help bring forward heavy pallets in deep lane Flow Rail applications

High Density

Horizontal Pushback

Pallet Storage System



Unload Assistant

Flow Rail System



Unload Assistant

Section 1

Flow Rail System



High Density

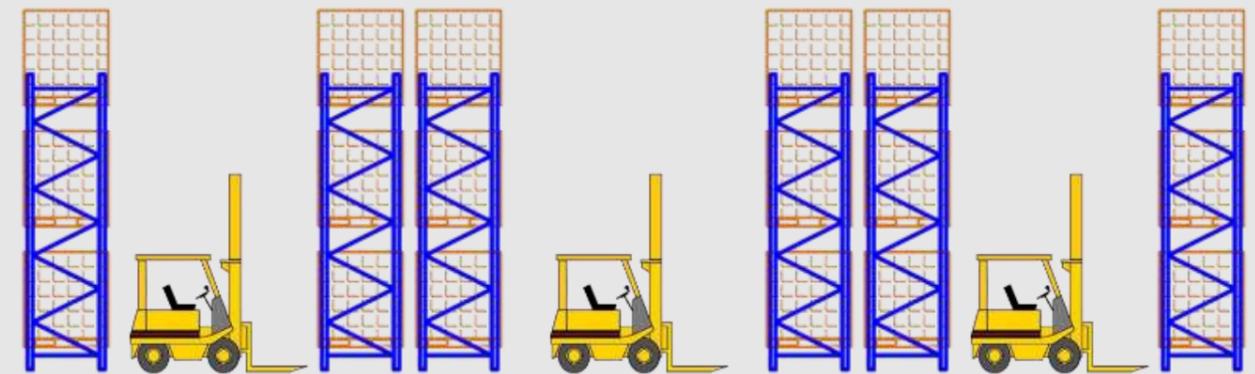
Horizontal Pushback

Pallet Storage System

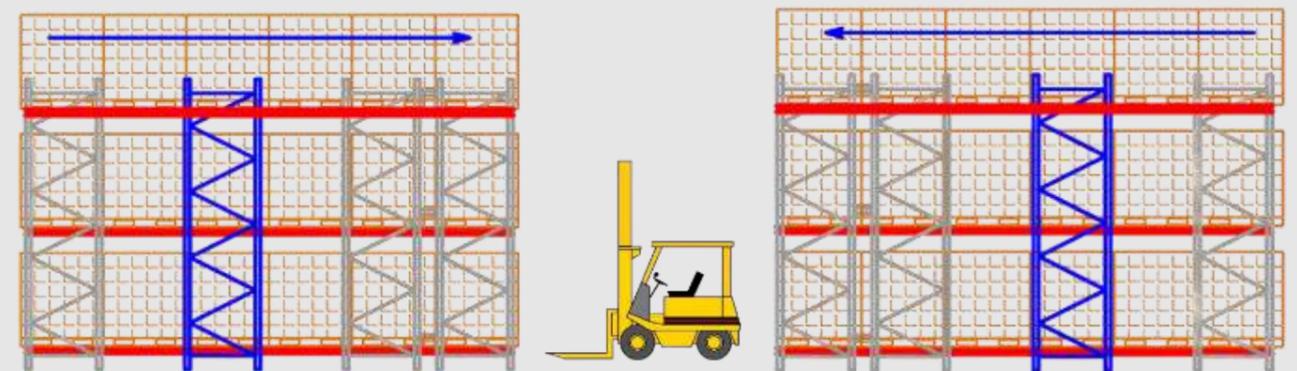


Remove wasteful aisles and achieve double density pallet storage with your existing racks.

Before



After



Double YOUR EXISTING PALLET STORAGE

Section 1

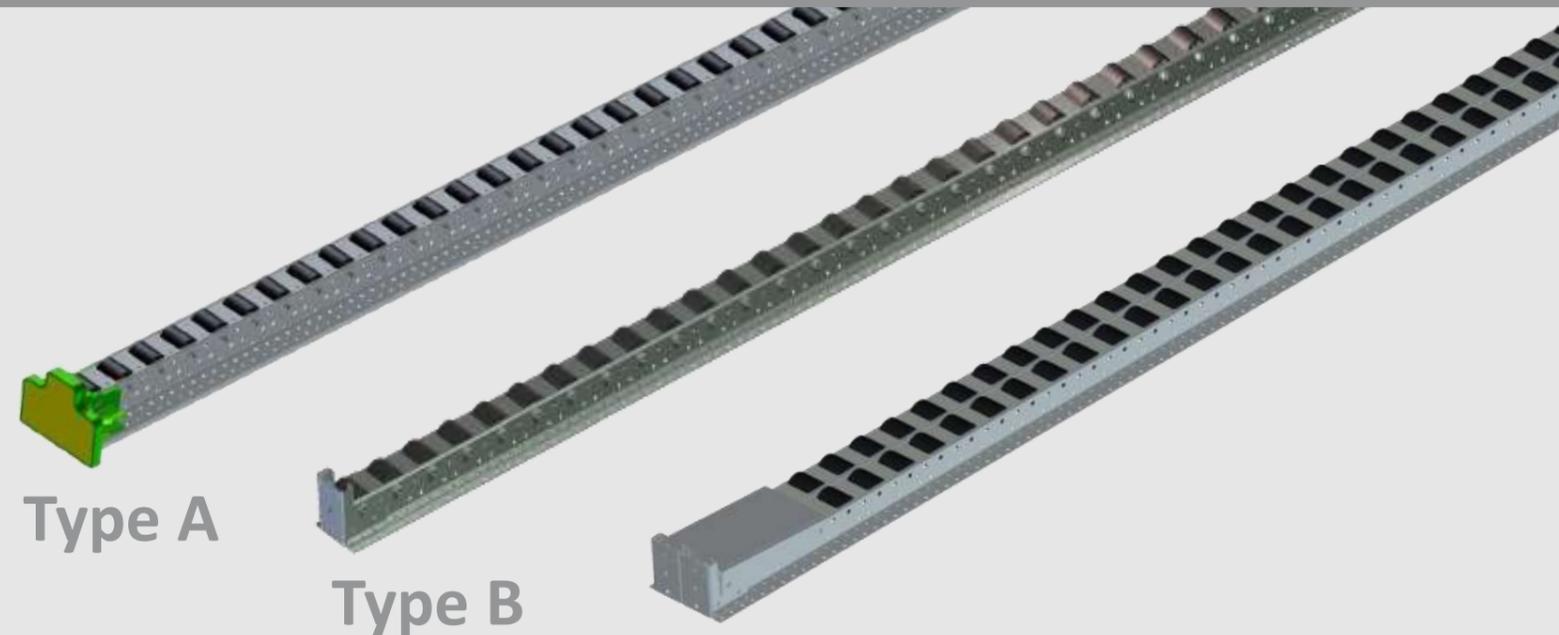
Roller Rail System



High Density

Inclined Pushback

Pallet Storage System



Type A

Type B

Type C

■ Feature:

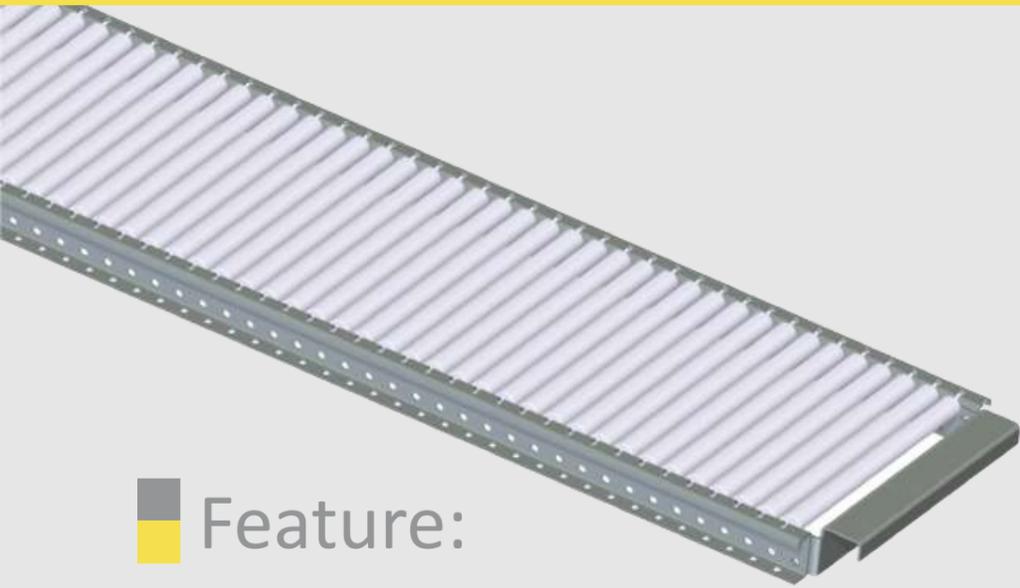
- Less vertical height
- Less time to install
- Can hold different size pallets
- Can handle large, non-standard size loads
- No carts that can potentially block or derail
- Up to 10 pallet deep storage lanes
- Can be installed in coolers and freezers

Better pallet support : Roller width double the face width of pallet flow wheel

No gap in-between rollers: Particles can not fall between rollers and block pallet movement

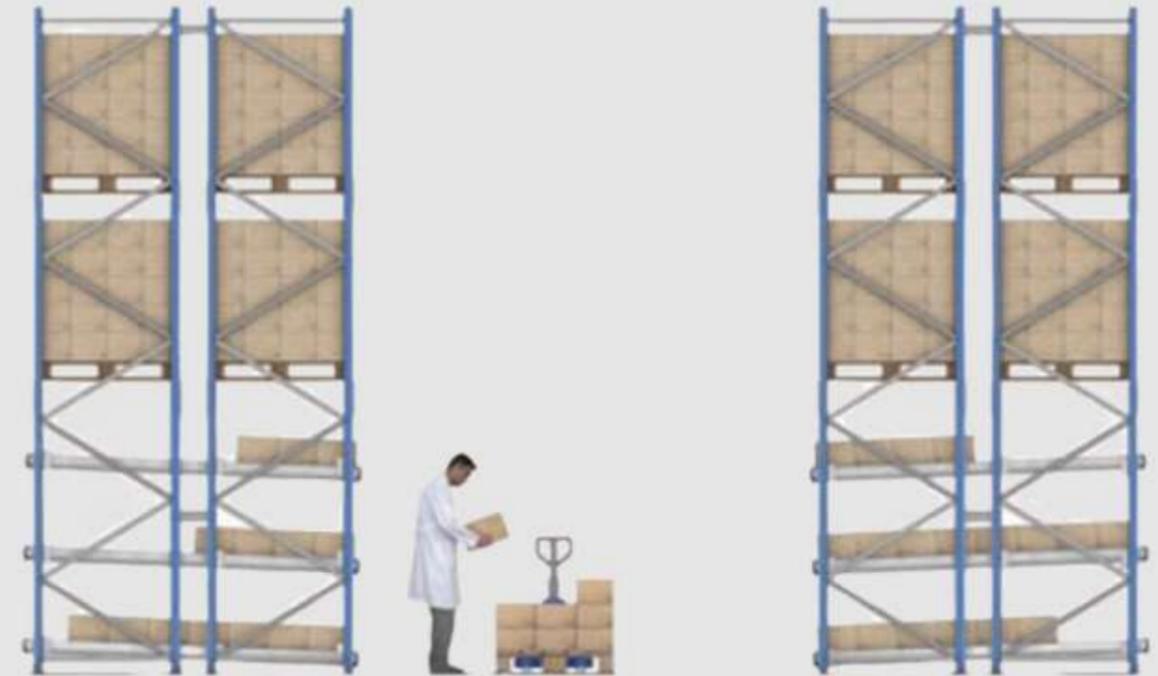
Free Roller Bed

Section 2



Feature:

- Light weight
- Robust design
- Drop-in type, no installation needed
- Flexible adjustment
- Maximize storage capacity
- Load capacity: 25kg (50lbs) per linear foot



High Density

Dynamic Carton storage

Width	length	Code
300	1500	FRB12-15
450	1500	FRB18-15
600	1500	FRB24-15
300	3000	FRB12-30
Special size available		



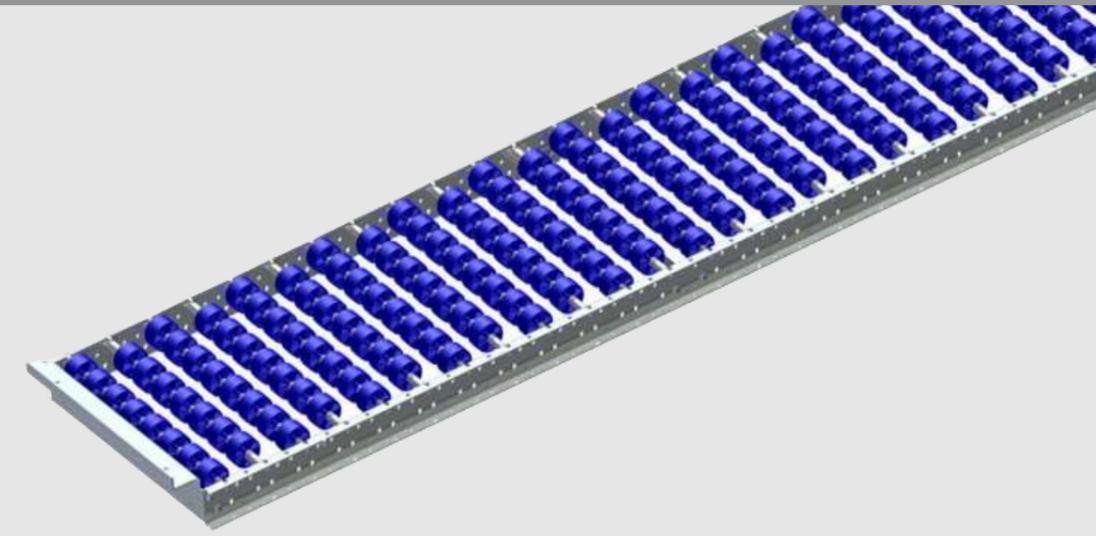
Section 2

Free Wheel Bed



High Density

Dynamic Carton storage



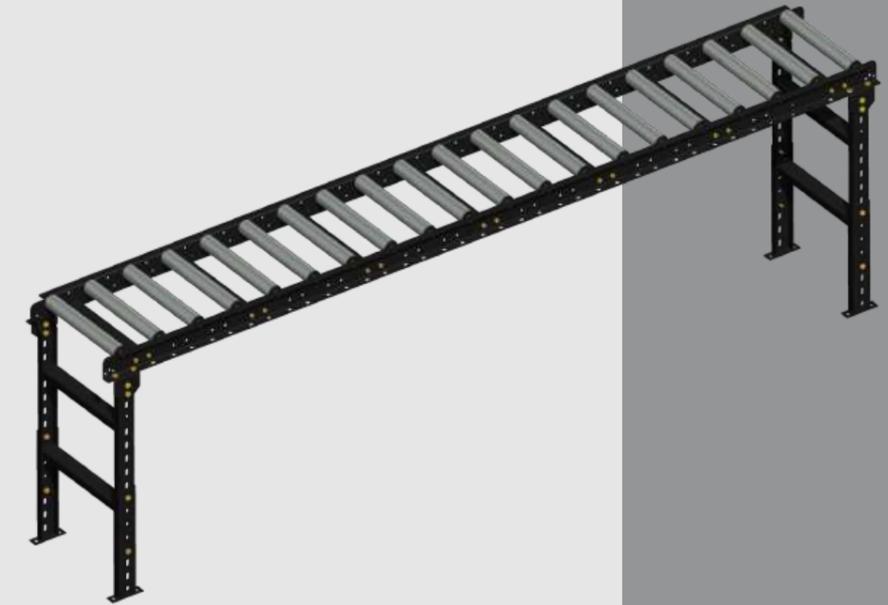
Feature:

- Light weight
- Robust design
- Drop-in type, no installation needed
- Flexible adjustment
- Maximize storage capacity
- Load capacity: 25kg (50lbs) per linear foot

Width	length	Code
300	1500	FWB12-15
450	1500	FWB18-15
600	1500	FWB24-15
300	3000	FWB12-30
Special size available		

■ Feature:

- Including 20x zinc plated steel roller with 150mm pitch.
- Rollers are Ø50mm with precision bearings.
- Bearing load rating 50kg each.
- Frame is pre-drilled at 75mm pitch to accept optional roller, up to total 39 rollers.
- Frame is powder coated.
- Length is pre-assembled with seven cross-members.
- Bolts to standard foot supports or most mounting surfaces.



Frame Width (W) mm	Overall length (L) mm	Code
300	1500	GRC12-15
450	1500	GRC18-15
600	1500	GRC24-15
300	3000	GRC12-30
450	3000	GRC18-30
600	3000	GRC24-30

Section 2

Motorized Belt Conveyor



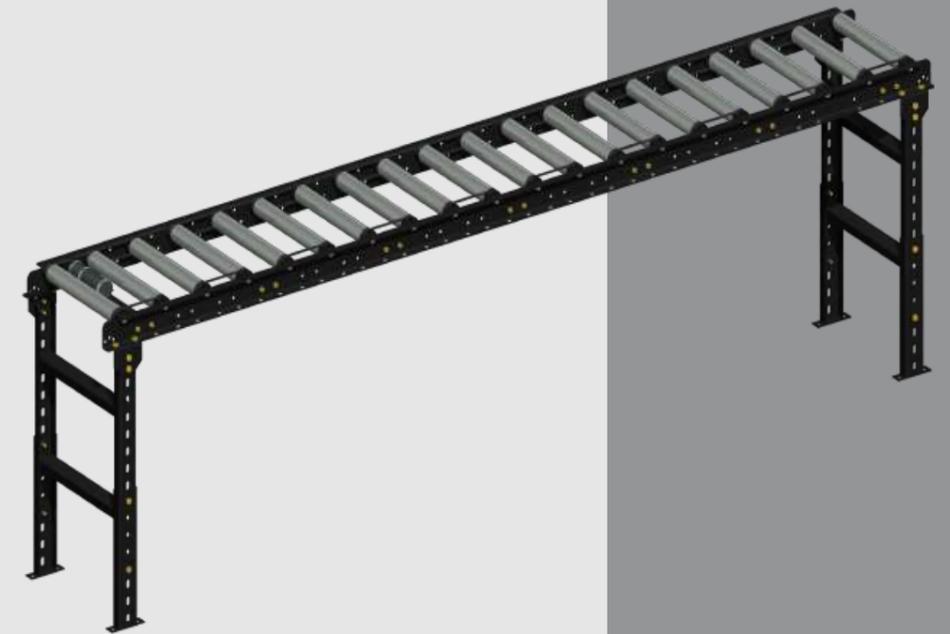
Feature:

- Most compact in size, overall height at 90mm only.
- With 24 volt DC power, quiet and safe.
- Brushless DC motor, variable speed
- Provides the most versatile means of handling a wide variety of commercial products.
- Bolt together 14 gauge steel frames.
- Standard PVC belt, smooth with green colour.
- Conveying speed: variable speed , 0 - 8 m/ min.
- Load capacity up to 110kg per conveyor.
- Bolts to standard foot supports or most mounting surfaces.

Frame Width (W) mm	Overall length (L) mm	Code
300	3000	MBC12-30
450	3000	MBC18-30
600	3000	MBC24-30

■ Feature:

- Most compact in size, overall height at 90mm only.
- With 24 volt DC power, quiet and safe.
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- Conveying speed: variable speed , 0 - 8 m/ min.
- Load capacity up to 110kg per conveyor.
- Bolts to standard foot supports or most mounting surfaces.



Frame Width (W) mm	Overall length (L) mm	Code
300	3000	MRC12-30
450	3000	MRC18-30
600	3000	MRC24-30

Section 2

Handling Station – Ball Table



Feature:

- Most compact in size, overall height at 90mm only
- Economical solution where products must be manually transferred.
- Multiple lengths and widths available
- Secure rivet mounting
- Bolts to standard leg supports or most mounting surfaces
- Common applications include workstations, assembly lines, manual product staging and feeding.
- Load capacity up to 150kg

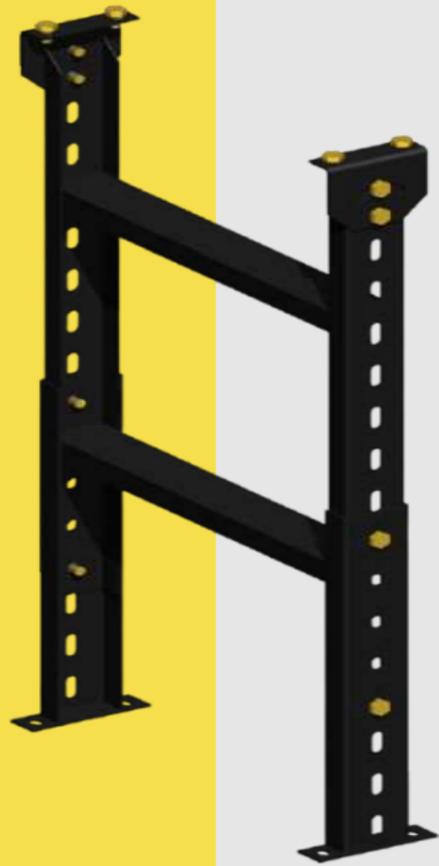
Frame Width (W) mm	Overall length (L) mm	Ball Uni Qty	Roller Qty	Code
300	1500	30	5	HSB12-15
450	1500	60	5	HSB18-15
600	1500	80	5	HSB24-15
300	3000	30	10	HSB12-30
450	3000	60	10	HSB18-30
600	3000	80	10	HSB24-30

■ Feature:

- Most compact in size, overall height only 90mm.
- Economical solution where products must be manually transferred.
- Multiple lengths and widths available
- Bolts to standard leg supports or most mounting surfaces.
- Common applications include workstations, assembly lines, manual product staging and feeding.
- Load capacity up to 150kg.



Frame Width (W) mm	Overall length (L) mm	Roller Qty	Code
300	1500	5	HSF12-15
450	1500	5	HSF18-15
600	1500	5	HSF24-15
300	3000	10	HSF12-30
450	3000	10	HSF18-30
600	3000	10	HSF24-30

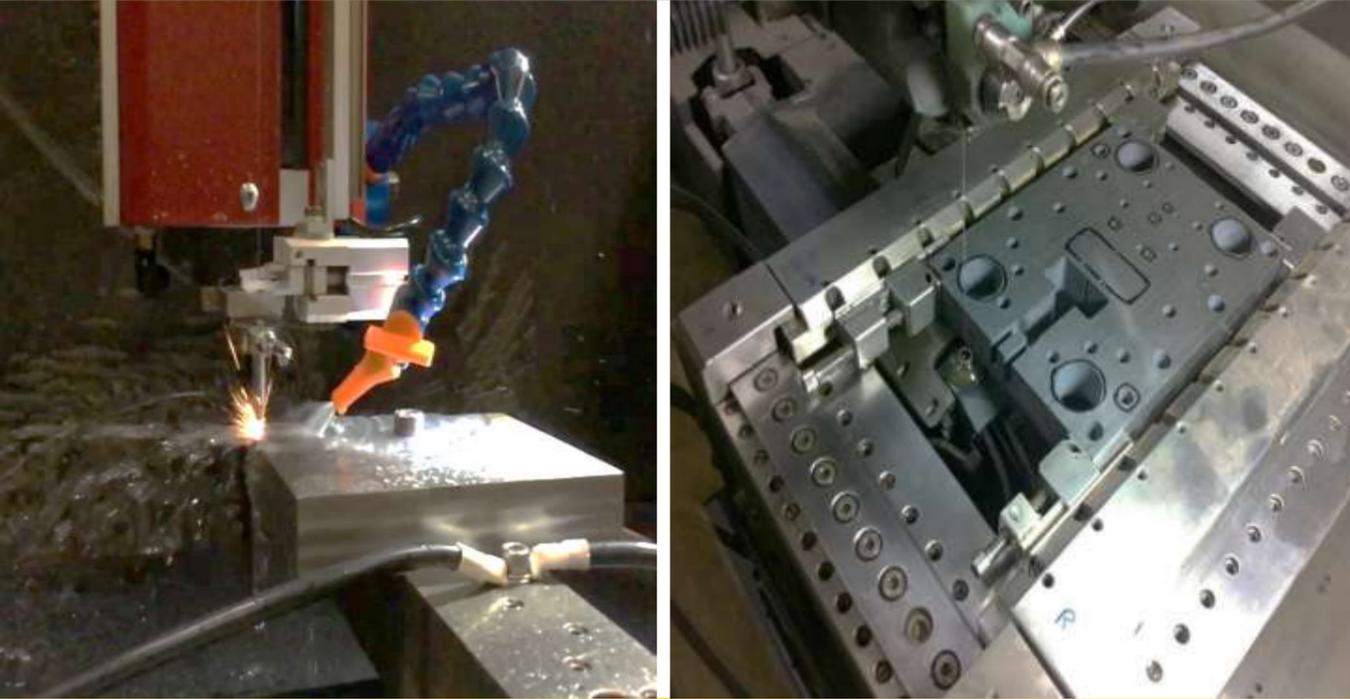


Feature:

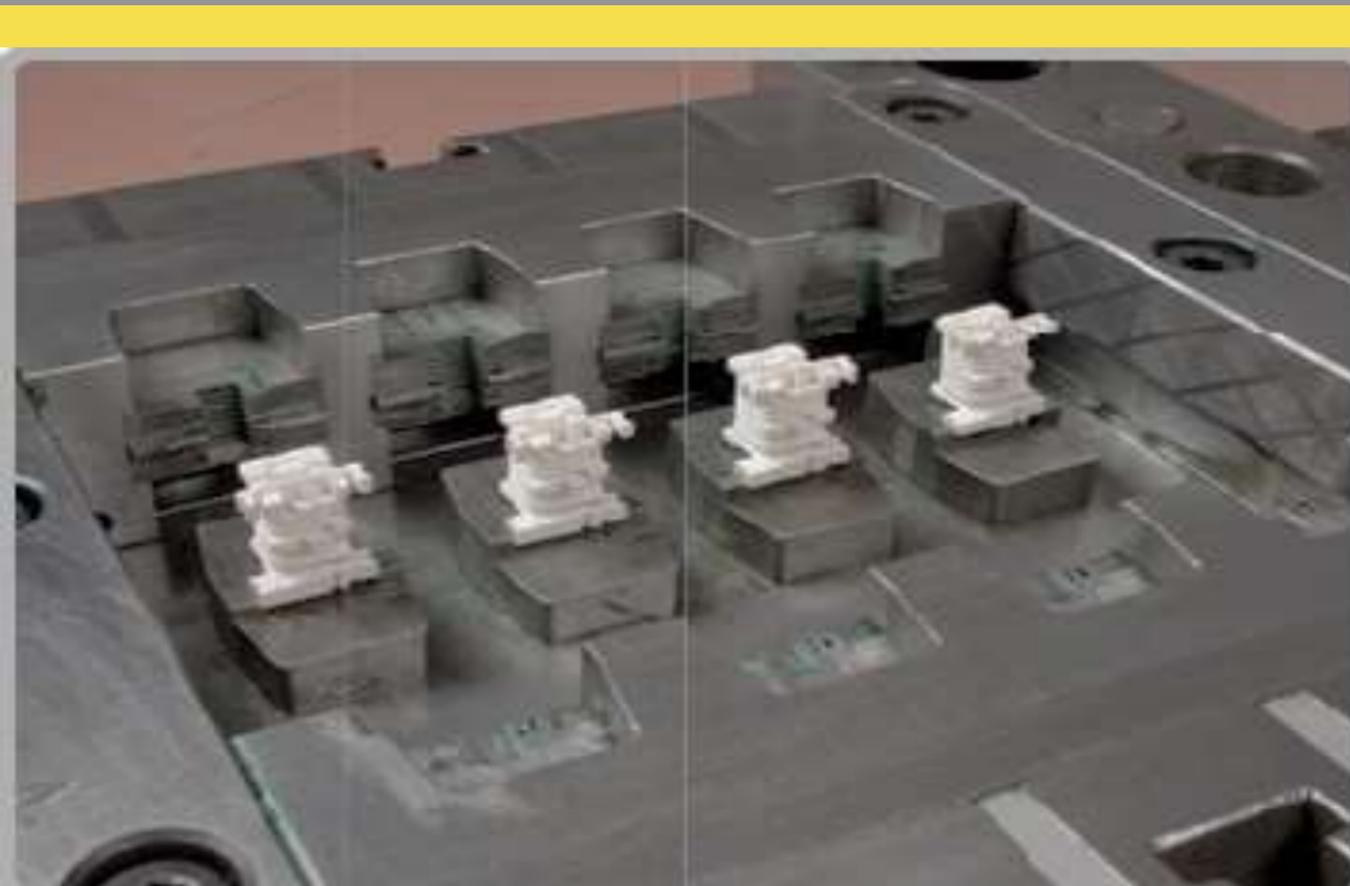
- “H” style supports are used in light or heavy duty applications.
- Height adjustable for various top of leg requirements.
- With pivot plate mounts for greater flexibility and may be bolted to conveyors.
- Welded cross braced for strength and rigidity.
- Heavy-duty channel construction.
- Allows floor anchoring for permanent support
- Powder coated and hardware included.

Frame Width (W) mm	Height adj (H) mm	Code
300	505-800	AFS12L
300	715-1050	AFS12H
450	505-800	AFS18L
450	715-1050	AFS18H
600	505-800	AFS24L

Contract Manufacturing -- Showcases



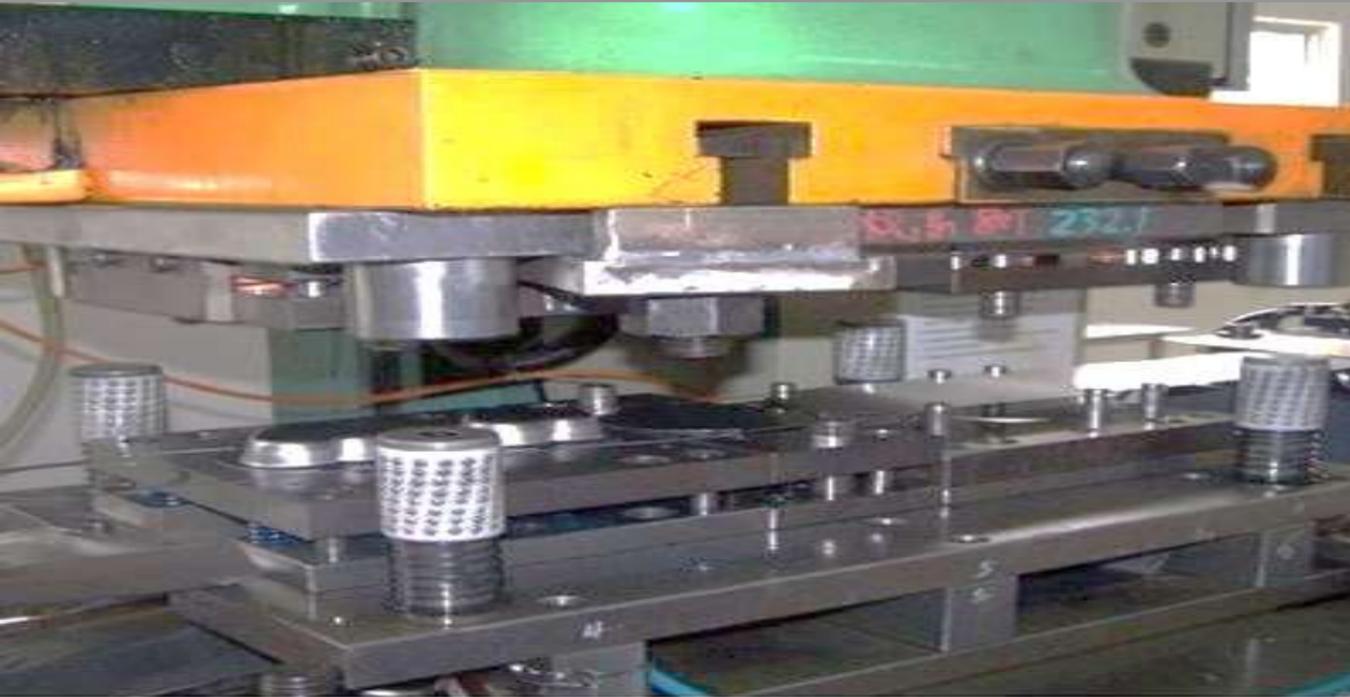
In House Tool Making



Plastic Injection



Contract Manufacturing -- Showcases



Stamping & Assembly



Sheet Metal Fabrication



Contract Manufacturing – How it works



From single component to entire assembly
to your expectation

With Sunring, you decide what is manufactured. A complete turnkey product such as the patient lift above, or just components with final assembly and finishing being done by our client.

You decide:

- What materials & what finish
- How a product is assembled
- which manufacturing procedures
- How inspections are performed
- What QTY per production run
- How product is packaged

You control your project

**Project
timeline**

- New Enquiry
- Quotation
- Rapid Prototypes
- Build Tooling
- Off-tool Samples
- Small Batch Production
- Testing
- Procedure Finalization
- Production
- Packing
- Shipping
- Analysis

Tellus Systems Limited.

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