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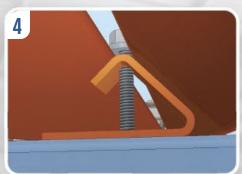


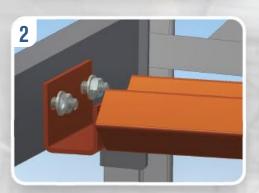


- > The only self cleaning Pushback rack available on the North-American market
- Eliminates debris accumulation from broken pallet
 & loads at its contact points
- > Reduces system down-time & increases efficiency
- > Minimizes cart blockages on its rolling path for enhanced safety

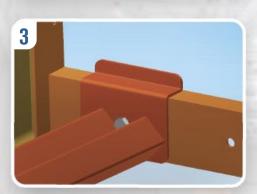
The Rail









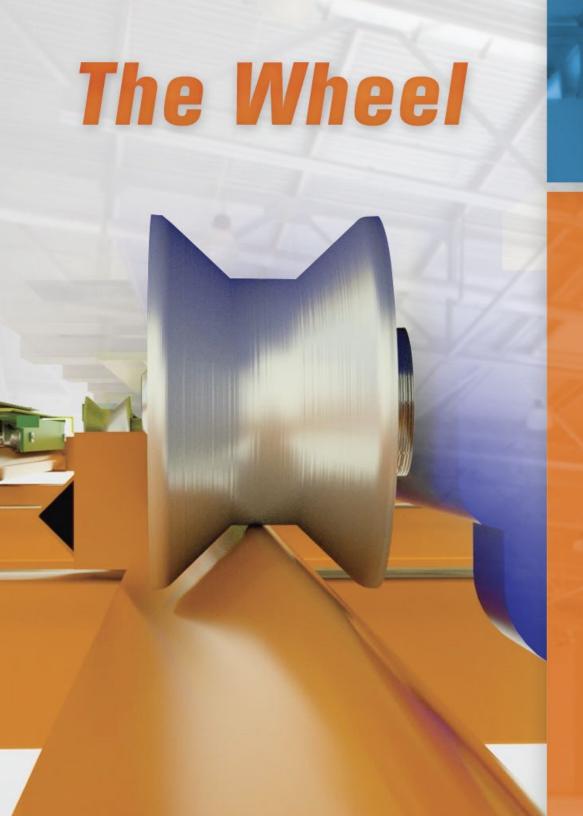


Rail Front Connections

- 1 Standard welded angle bracket connection
- 2 Bolted U bracket connection
- 3 Bolted Plate-stopper connection

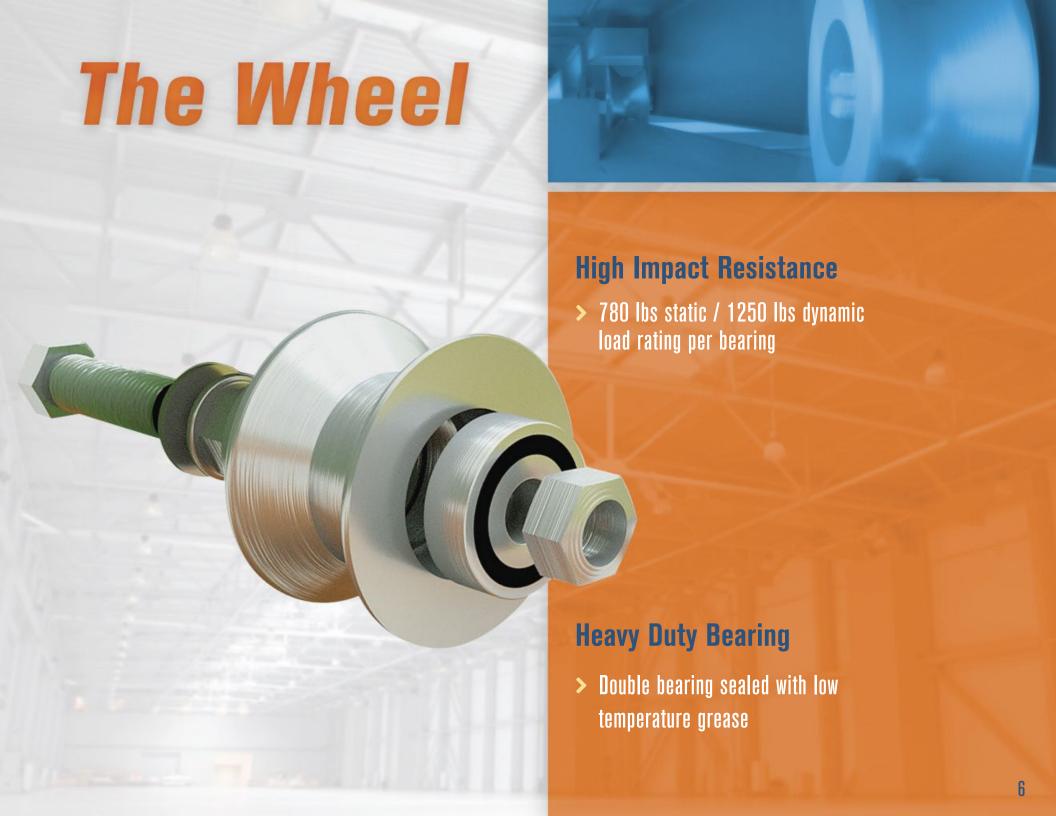
Secondary Beam Connections

- 4 Standard Tek screwed on
- 5 Bracket bolted on



The Unique Micro-Friction™ Wheel

- Sealed with low temperature grease
 Longer life span than regular pushback wheels
- > Minimum friction means more efficient loading & unloading operations
- > Trademarked V-shaped wheel with US & Canadian patents





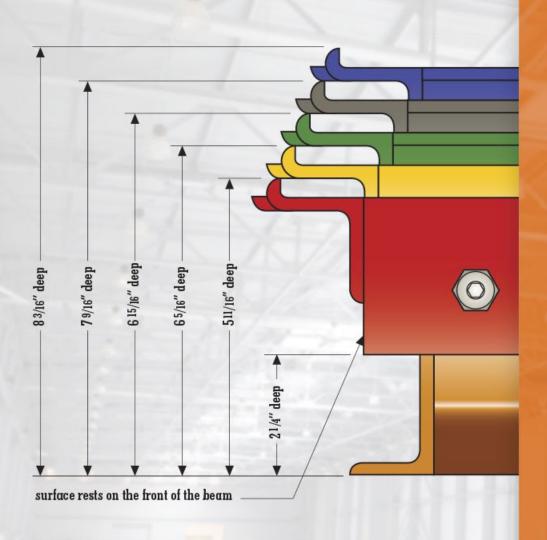


- > At least 1/4" section
- > Structural steel section

High Impact Resistance

- > Tests under real operating conditions
- > 1/4" welding pass

The Carts



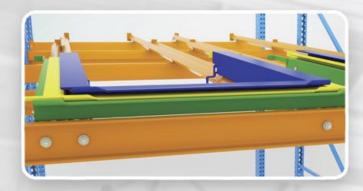
Precision Engineering

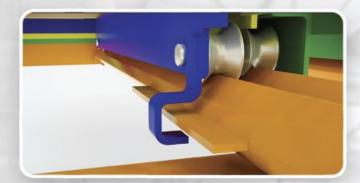
- > Safety factor of 1.5
- > Exact amount of steel
- > Variable length and width
- > Computer aided design

Compact System

- > Low profile type to maximize height usage
- > ½" between each cart
- More space saved

The Carts









- > Lift-out protection & front pallet safety stop ensure safer work environment during unloading operations
- > Carts are colour-coded & linked to force all carts to follow the movement to the front
- > The wheels never touch each other
- > No contact between the carts for controlled loading & unloading



Quality Control

- > Over 30 years of experience
- > Latest in computer simulation technology
- > Parts fully inspected before shipping

Powder Coated

- > Durable
- > Scratch resistance
- > Long lasting
- > Large choice of colors





Reliable & Durable

- Used in many industries
 - Printing
 - Distribution center
 - Aeronautic
 - Cool storage warehouse
- > 1st commercialized in 2001
- > Very low maintenance!

- Food & beverage
- Electronic
- Pharmaceutical





Efficient & Adaptable

- > Pushing force on loading
- > Slope of 1.8°

| # OF SKID | | 2 | 3 | 4 | 5 | 6 |
|--------------|------|-----|-----|-----|-----|-----|
| WEIGHT (lbs) | 1000 | 41 | 82 | 123 | 164 | 205 |
| | 2000 | 82 | 164 | 246 | 328 | 410 |
| | 3000 | 123 | 246 | 369 | 492 | 615 |





CUSTOMIZED CART APPLICATIONS

- Lowest profile ever designed
- Pallets must be of good quality with good bottom support
- Consistency and standardized pallet type with a minimum quality required

- Pallets must be of good quality with good bottom support
- Commonly used with high pallets where stability is essential. Center of gravity remains in the middle of pallet
- ✓ Ideal for liquid products



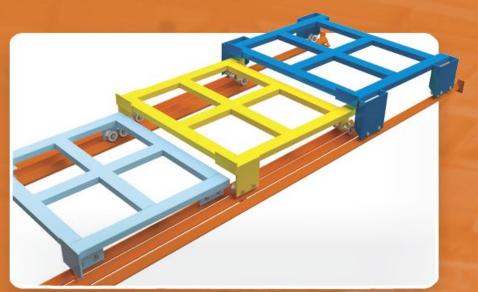


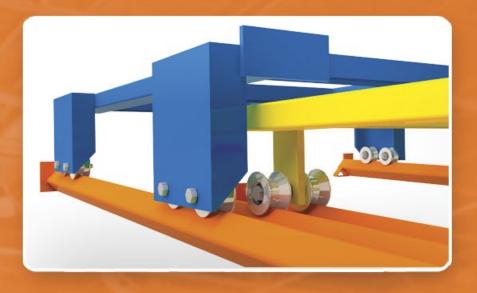
CUSTOMIZED CART APPLICATIONS

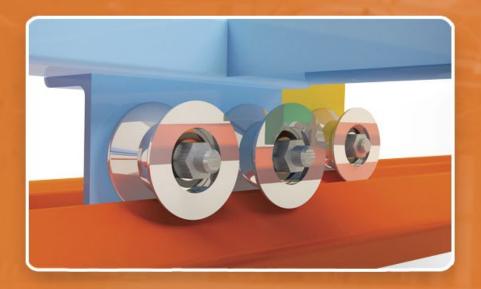
- Ideal for pallets with poor bottom support
- Ideal for non-standard sizes and where stock needs to be level for stability
- Commonly used with 9 pod pallets

- Ideal for pallets with good bottom support while also requiring support on all 4 sides
- Can also be of closed type with extra support in the middle and covered with mesh or steel plate









Extra Heavy Duty Micro-Friction™ with 4,500lbs Load Capacity

Our Clients





Saputo







Interested in Purchasing a Micro-Friction™ System?

Our growing list of high profile clientele is a testament to the superior standards and reliability of the Micro-Friction™, a pushback rack designed and manufactured by COSME.

The Micro-Friction™ represents an immediate and guaranteed return on your investment.

Rethink your storage area and make a smart choice.

Call one of our representatives today.

Annex 1

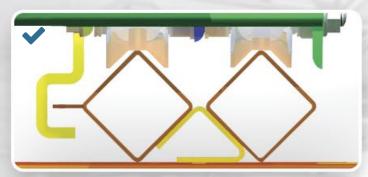
COSME vs the Competition

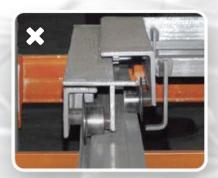
Designed to minimizes contact on the rails

Rails positioned to eliminate debris

Advantage: Less effort on cart movement and requires a lower slope on the rail

Advantage: Eliminate the possible blockage of the carts

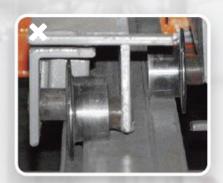




Wheels designed to add a second bearing, hence increasing wheels capacities

Advantage: Allows for heavier load than the competition



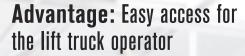


Annex 2

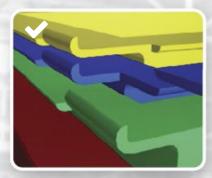
COSME vs the Competition

- Front beams required to be special, structural or roll-form with angle welded
- Carts stop at more or less ½" from the outside face of the front beam
- Pallet stopper on every cart

Advantage: Reduce cost of system















Advantage: Regulates the manoeuvre for the lift truck operator

Annex 3

COSME vs the Competition

- All the carts are linked to each other
- **Complete** Low profile type

Advantage: No risk that a pallet jams at the end of system



Advantage: Uses less height



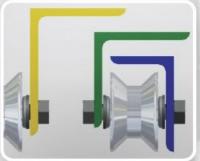


Standard slope of 3/8" per foot.
All beams are either welded
flush or 1.5" down

Holding system (anti-tilt) operational on full length of system

Advantage: Avoids the risk of accidents

flush or 1.5" down





Advantage: With the exception of the front beam there are only 2 different beams. Reduce cost for production & installation.



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COMMERCIAL & INDUSTRIAL
STORAGE SYSTEMS

THE MICRO-FRICTION IS DESIGNED & MANUFACTURED BY



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