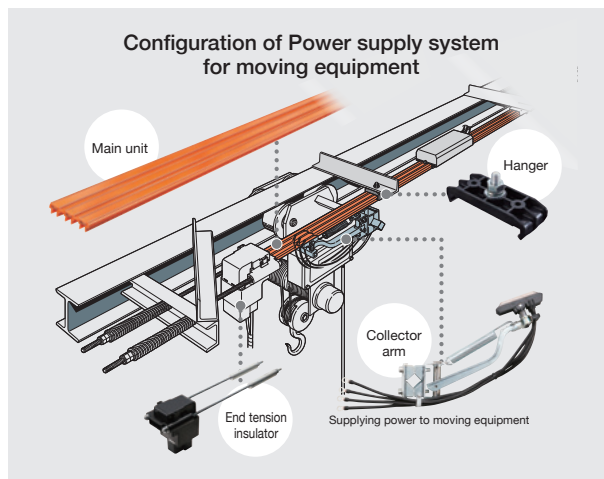
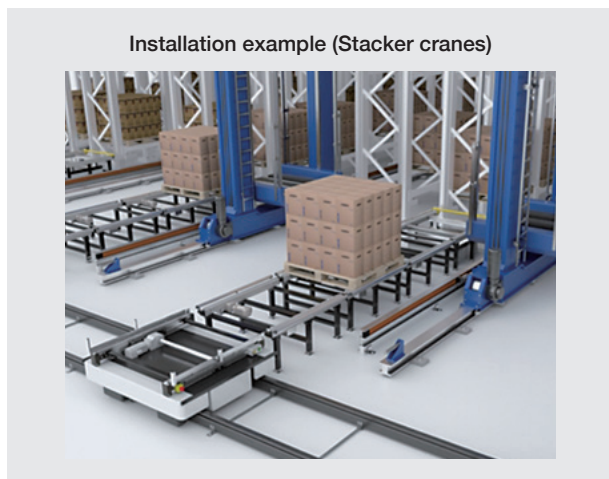
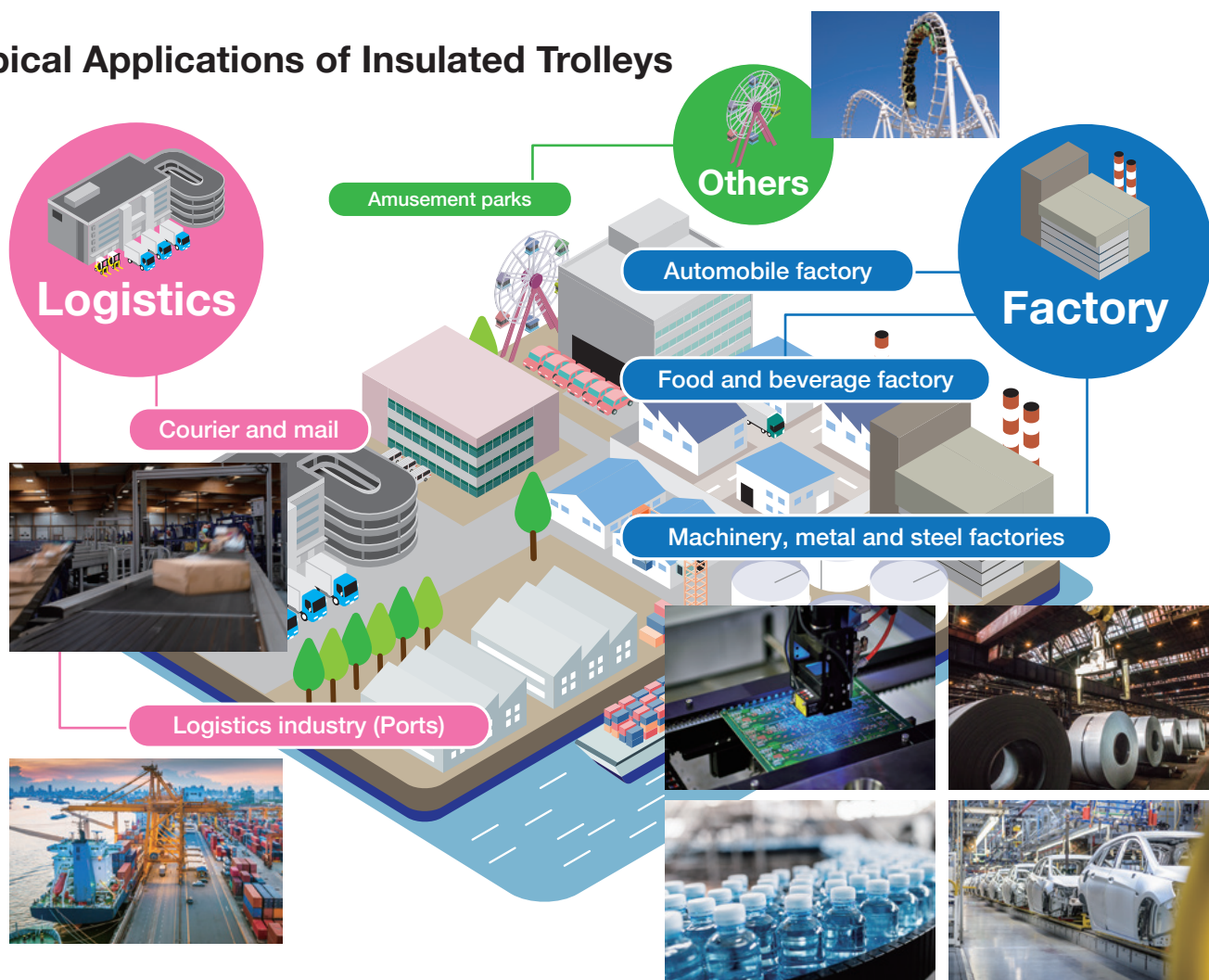


An insulated trolley is a power supply system that continuously supplies electricity to material-handling equipment used in factories and warehouses. Panasonic offers a product lineup designed for specific applications, including automated warehouses, RGVs, and sorting lines.

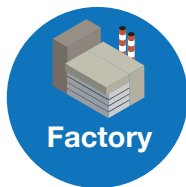


Typical Applications of Insulated Trolleys



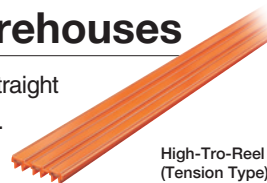
Access this QR link for information on Panasonic insulated trolley systems. ▶





Recommended for Automated Warehouses

Stacker cranes play a key role in automated warehouses. For long, straight warehouse lines, the High-Tro-Reel (Tension Type) is recommended. Supplied pre-wound in lengths of up to 50 meters, it requires no connections and allows easy installation by simply pulling both ends.



High-Tro-Reel (Tension Type)



Feature 1 Easy installation

Installation time is reduced because the system is tensioned only at both ends.



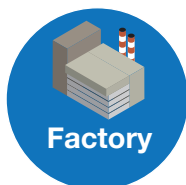
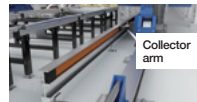
Feature 2 Low cost

No intermediate joint parts are required for long lines, reducing material cost.

	Hanger	Joiner
High-Tro-Reel (Non-Tension Type)	117 Pcs	16 Pcs
High-Tro-Reel (Tension Type)	26 Pcs	0 Pcs

Feature 3 Long service life

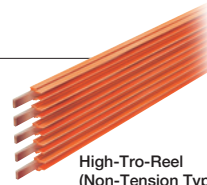
Fewer joints minimize collector wear, reducing maintenance.



Recommended for RGV · OHV

RGVs※ are widely used in warehouses and factories. The High-Tro-Reel (Non-tension Type) provides stable power for high-speed RGVs running on curved tracks and transfer sections.

※Rail Guided Vehicle



High-Tro-Reel (Non-Tension Type)



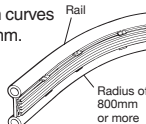
Feature 1 Compact & Easy Installation

Compact construction possible without needing spacing between conductors.



Feature 2 Supports Curves & Transfers

Can be installed on curves with radius ≥ 800 mm. Transfer section cutting and end processing can be done onsite.



Feature 3 Long service life

Travelable distance approx. 20,000 km, requiring less frequent replacement.



Recommended for Sorting lines

Sorting systems are used in logistics facilities such as parcel delivery centers. The Tro-Reel HS (Non-Tension Type) provides stable power for High speed sorting equipment, with a V-shaped conductor that helps prevent loss of contact.



Tro-Reel HS (Non-Tension Type)



Feature 1 High-Speed Capable with V-Shaped Conductor

Large contact area with collector ensures stable feeding at high speed.



Feature 2 Compact design

Compact mounting due to small installation intervals.

	High-Tro-Reel (Non-Tension Type)	Tro-Reel HS (Non-Tension Type)
Joiner (3P) Mounting pitch	60mm	48mm

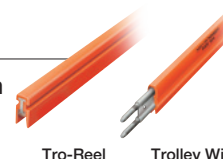
Feature 3 Long service life

Travelable distance approx. 20,000 km.



Recommended for Cranes

Tro-Reel is suitable for supplying power to large cranes operating in harsh conditions, such as those at shipping ports etc. Stainless steel Tro-Reel is available for corrosive environments like coastal areas. For high-capacity requirements, Trolley Wire is recommended and can be installed outdoors and in harsh environments.



Tro-Reel Trolley Wire

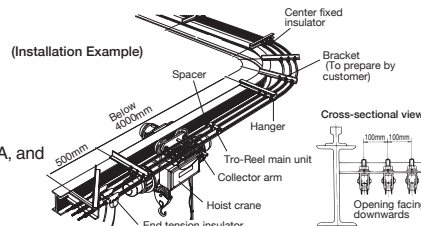


Feature 1 Up to 100 m without joints

Available in long 100m rolls, eliminating the need for joints for lengths under 100m.

Feature 2 Wide Lineup for Different Loads

Models are available in 60A, 150A, 200A, and 300A ratings. Can select the appropriate type to match the size (rated current) of the crane being used.



Please contact

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