

Products for
Distribution Centers



MITSUBOSHI Products for Logistic Lines

Conveyor Products

- Conveyor Belt
- Long-span polyurethane timing belt (FREESPAN Belt)

Metal Products

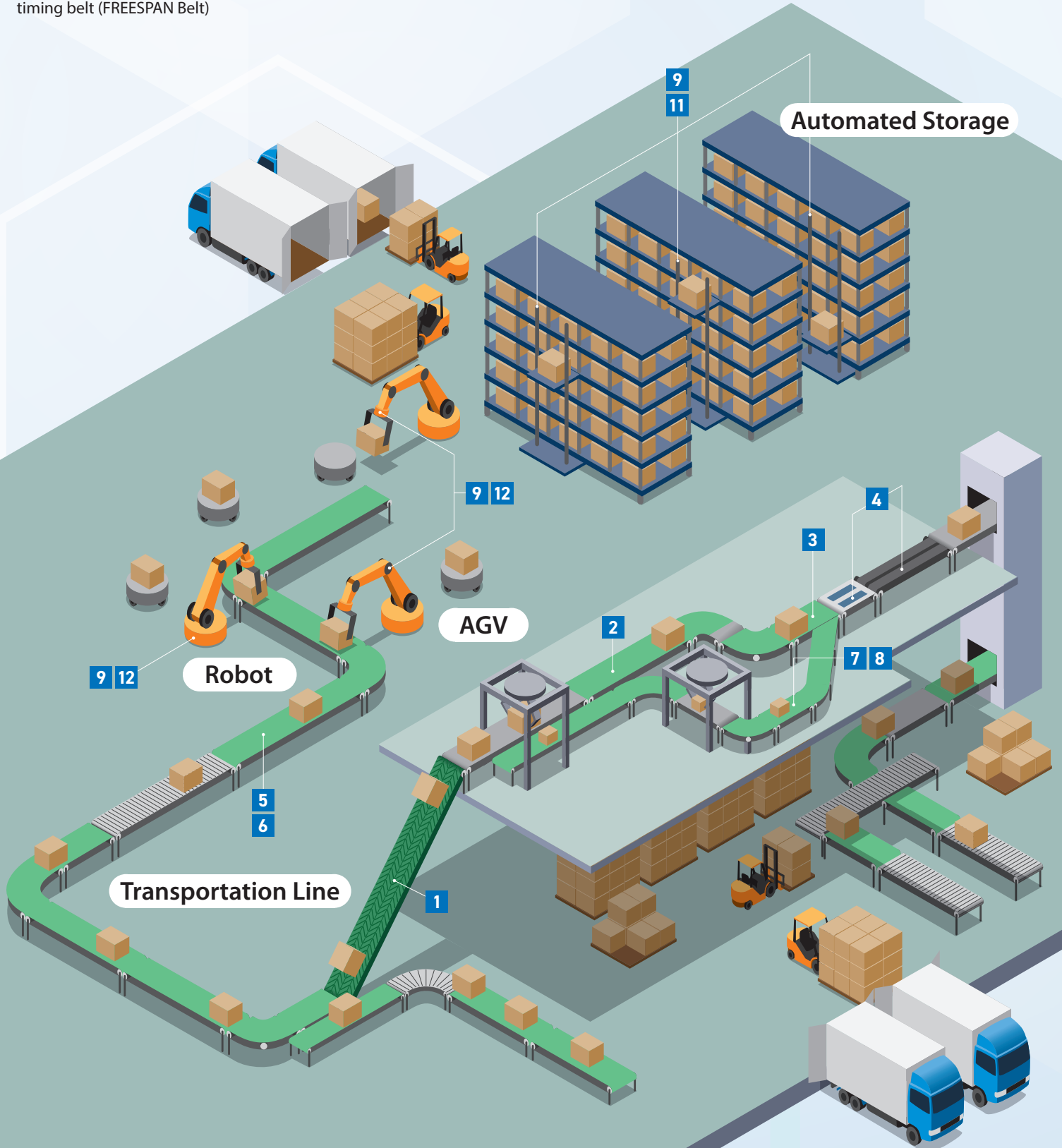
- Timing Pulley

Engineered Plastic

- Ultra-high molecular weight polyethylene

Power Transmission Products

- Timing Belts



Conveyor Products

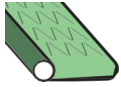
Conveyor Belt for logistic use

LOGISTAR

 Series

Create efficient and effective workspaces at logistics terminals and airports.

1



Non-slip Type

High-Performance Inclined Light Conveyor Belt

For Inclined conveyor



Combination of special elastmer and herringbone pattern on the belt surface.

- ▶ It can be conveyed at an inclination angle of 30° even if the belt is dusty.
- ▶ The surface pattern can surpress the generation of noise.

Special elastomer NS82VK0/15QGTT
 NS82VK0/15QGYTT
Polyurethane NS41UKG0/15GTT
 NS41UKG0/15WTT



2



No sound is carried to the area

Low Noise Light Conveyor Belt

For high speed conveyor



A special fabric is applied on the back of the belt.

- ▶ The friction noise between the conveyor table and the fabric on the back is significantly reduced.
Ideal for applications that require high speed.

3



Ideal for merging and palletizer lines

Side Sliding Light Conveyor Belt

For merging line

Incorporates special fabric that offers minimal resistance to horizontal movement.

- ▶ Ideal for lateral alignment and merging lines.

4

Anti-static Type

High Antistatic Performance Light Conveyor Belt

Anti-static

Special black polyurethane with excellent antistatic properties.

- ▶ Transportation of semiconductors, electric/electronic parts, films.

Metal Products

9

Essential items for timing belts

Timing Pulley

- ▶ Available for not only timing pulleys that comply JIS and ISO standards, but also super torque timing pulleys and various other pulleys.

*To improve the life of belts, please consider using our pulleys as a set.



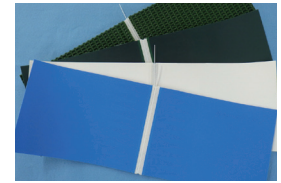
Special finishing to address customer's unique needs.

5

Special Resin Fastener Type

Premium Fastener

Labor-saving
at On-site endless processing



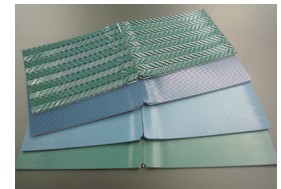
Enable speedy endless installation with a simple pin insertion.

- ▶ Suitable for conveying lightweight items.
- ▶ Less likely to damage carriers and conveyor equipment.
- ▶ High durability and low noise generation.
- ▶ Non metal jointing.

6

Endless made of special metal Type

Premium Metal Joint



Enable speedy endless installation with a simple pin insertion.

- ▶ Suitable for conveying relatively heavy items.
- ▶ Less likely to damage carriers and conveyor equipment.
- ▶ High durability.

7

Positioning and Fine marking

Laser Marking

For positioning



UV laser processing creates markings on the belt surface.

- ▶ Available to apply to 1-ply or patterned belts.
- ▶ Intricate designs and photos can be processed.
- ▶ Shading can be added.

8

Standard smooth printing process

Premium Print

For positioning



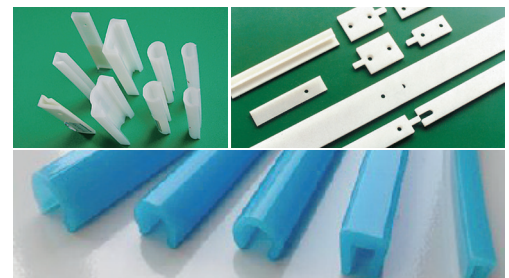
Ideal for positioning conveyed objects.

- ▶ Printed on the belt surface, and then a transparent polyurethane sheet is welded on the top to protect it.

Engineered Plastic Products

10

Ultra high molecular weight polyethylene rail



- ▶ Ideal for conveyor guide plates and rails.
- ▶ Available standard(UHMW-NA)
and Anti-bacterial and anti-mould grade(Clean-PE™ UH)

Long Span Polyurethane Timing Belt

FREESPAN Belt

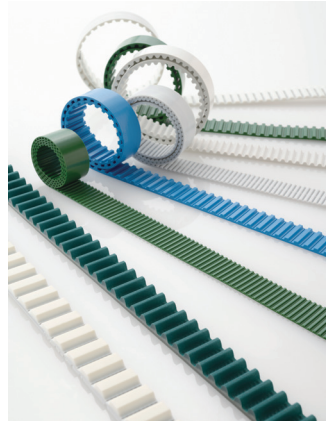
Replaces roller chain

FREESPAN Belt with large tooth profile

High torque polyurethane timing belt

- ▶ Much lighter weight than chain enables faster operation.
- ▶ Much lower noise compared to roller chains.
- ▶ Since there is no need for lubrication, the equipment doesn't get dirty.
- ▶ Polyurethane with excellent wear resistance substantially decreases abrasion powder dispersion.
- ▶ We can accommodate length up to 50m (164ft).

For automated warehouse



Power Transmission Products

Timing Belts

We offer a diverse lineup of products.

Giga Torque GX

- ▶ Excellent durability and flexibility are achieved.
- ▶ A compact belt design contributes to lighter overall weight.
- ▶ Special tooth fabric reduces noise in the high-frequency range.

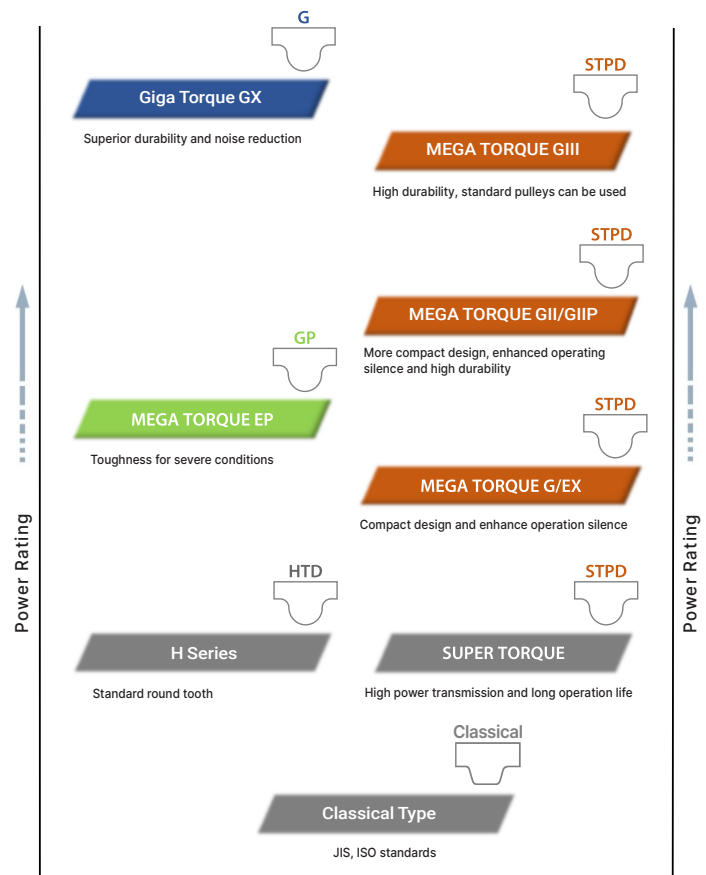


Mega Torque EP

- ▶ Applicable for H, GT™ and R pulleys.
- ▶ Features high stiffness EPDM rubber and special treated nylon fabric.
- ▶ The belt can be used -40~120°C.

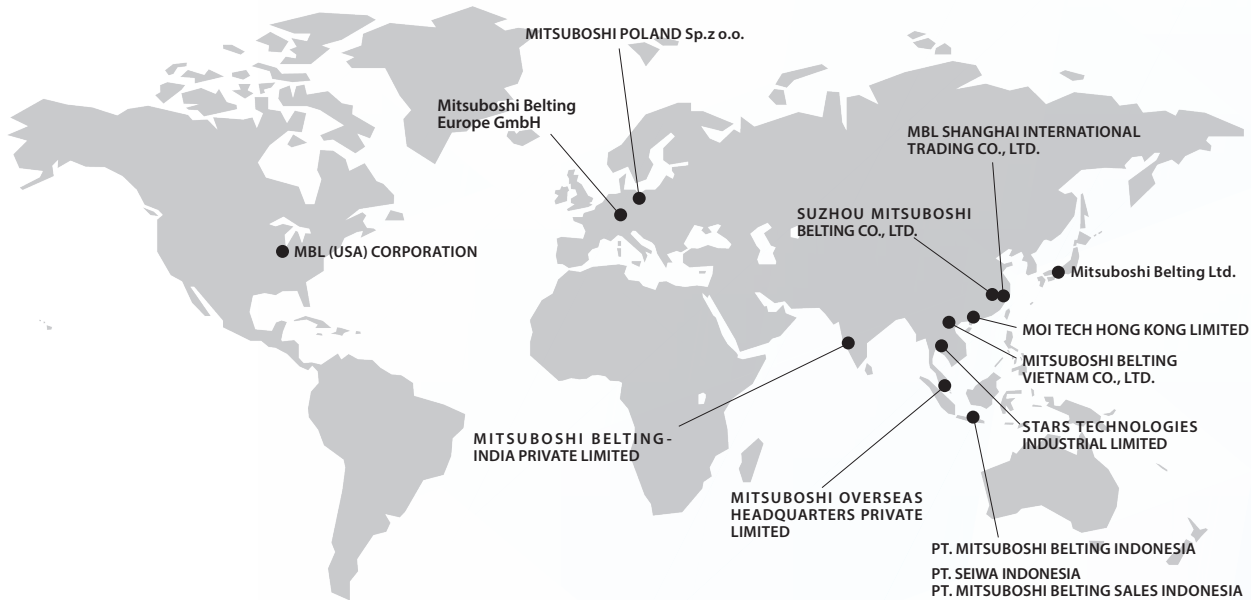


LINE UP



*GT is trademark or registered trademark of Gates Corporation.

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