DISTRIBUTION & FULFILLMENT CENTERS

CONVEYOR POWER

800-292-6081 OPTIBELT-USA.COM

CONVEYOR POWER

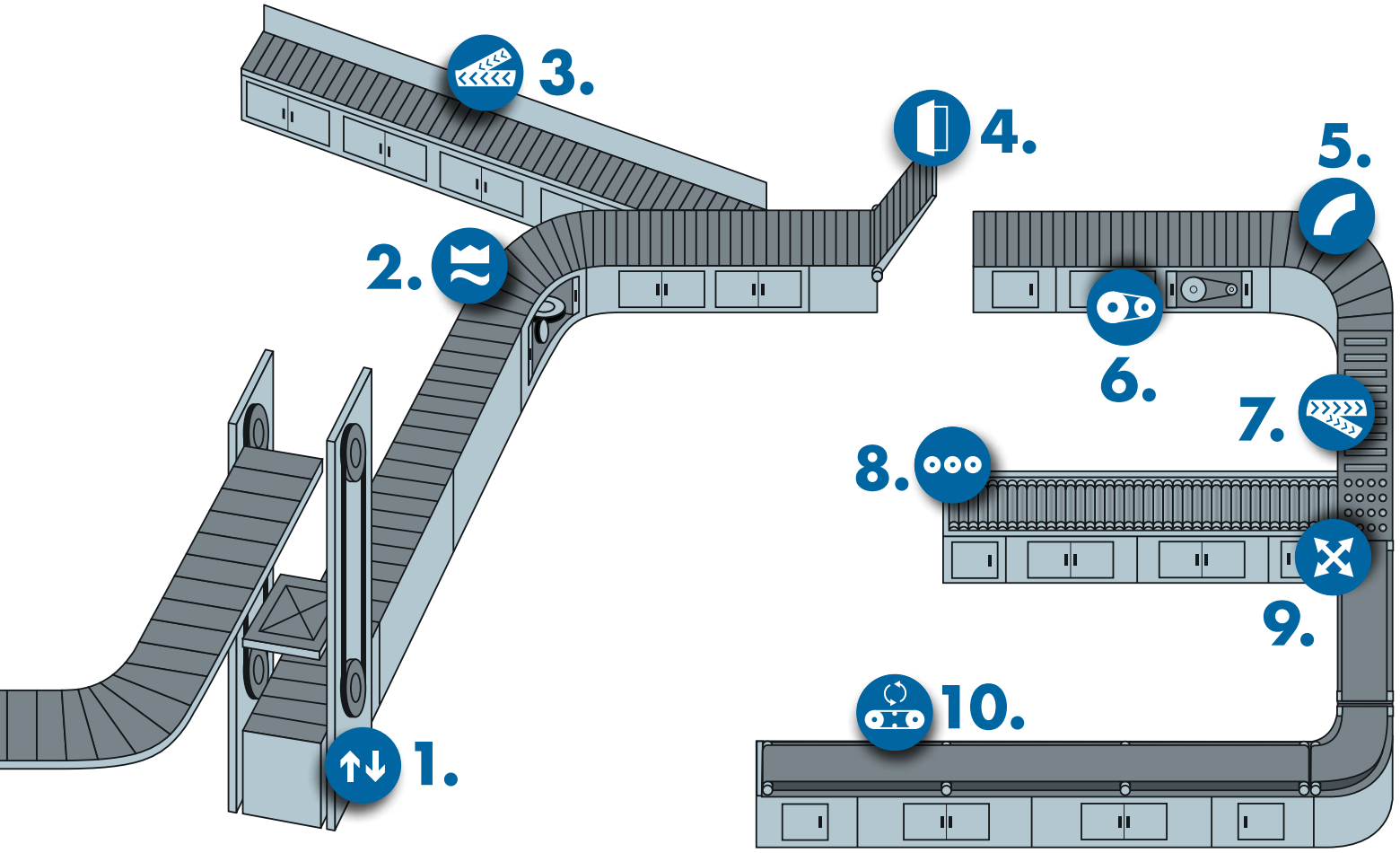
SUCCESS STORY: OEM CONVEYOR SYSTEMS

A Hungarian manufacturer of state-of-the-art conveying systems for challenging manufacturing and logistic centers was in search for a reliable partner to supply all of its drive solutions. After comprehensive product testing, addressing global supply chain needs, and providing expert engineering service support, OPTIBELT was the clear choice.

SUCCESS STORY: LIVE ROLLER CONVEYORS

A leading North American supplier of intelligent material handling and automated solutions had issues with their v-belt driven live roller conveyors. Conveyor Power VB addressed the issues of excessive belt dust and more than doubled belt life! Optibelt is currently working with the supplier to find additional solutions and cost savings.

APPLICATIONS



1. LIFTS & RISERS
Lifts and risers transfers materials vertically using timing belts or flat belts.

2. VERTICAL SHAFT CURVED CONVEYORS
Curved conveyors with vertical shafts use powered rollers.

3. FEEDERS
Conveyors that connect to the main or larger conveyor systems.

4. PASSAGES
Hinged passage systems operate using timing, round or ribbed belts.

5. CURVED CONVEYORS
Arched or curved conveyors move materials around corners.

6. DRIVES
Powered conveyors are driven by motors can use timing, ribbed or v-belts.

7. DISCHARGE ELEMENTS
Convey materials to the neighboring conveyors, manual sorters or packing stations..

8. ROLLER CONVEYORS
The work horse of most conveyance systems can be configured in a wide variety and can be powered using a range of belts.

9. TRANSFER ELEMENTS
They allow for a change in the flow/direction of materials to an adjoining line.

10. BELT CONVEYORS
They are used to limit material slippage and can handle larger variances in material sizes.

CONVEYOR POWER

CONVEYOR POWER RB

RIBBED & ELASTIC RIBBED BELTS

- Wide range of standard profiles and lengths.
- ERB Standard elastic cord constructions for low-power applications and easy installation
- Operational temperature range –22°F to + 194 °F.

CONVEYOR POWER VB

V-BELTS

- High-flex cords reduce heat and flex fatigue.
- Rubber compound flexes for curved conveyor applications.
- Durable low dust cover keeps facilities cleaner.
- Operational temperature range –22°F to + 158 °F.

DELTA CHAIN

CARBON TIMING BELTS

- Carbon construction can replace metal chain drives.
- Specialized tooth cover reduces noise and improves durability.
- Fits all standard ZRS DC, CTD and PC 8M pulleys.
- Operational temperature range -22° to 176° F.

OMEGA & OMEGA HP

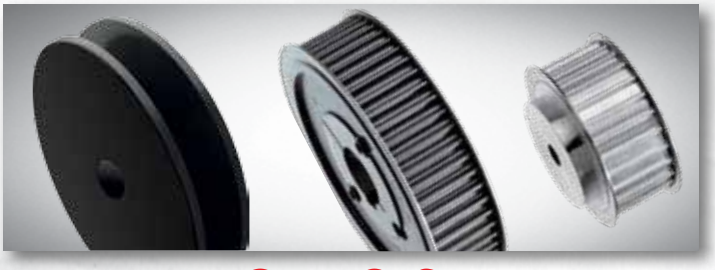
RUBBER TIMING BELTS

- Counter wound glass cords for no pull bias.
- Shear-resistant fabric with minimized wear and friction.
- HP high performance have a higher power capacity than standard rubber timing belts.
- Operational temperature range -22° to 212° F.

ALPHA TORQUE

POLYURETHANE TIMING BELTS AND SPECIALTY BELTS

- Single and double sided available.
- Wide range of availability and custom widths.
- Operational temperature range -20° to 176° F.



METAL PRODUCTS

SHEAVES, PULLEYS & BUSHINGS

- V-Belt single & multiple v-belt sheaves.
- Delta Chain, Rubber & Polyurethane timing belt pulleys.
- QD & Taper-Lock Bushings.

For additional information, specifications, sizes and more, visit www.optibelt-usa.com or contact an OPTIBELT representative at 800-292-6081.