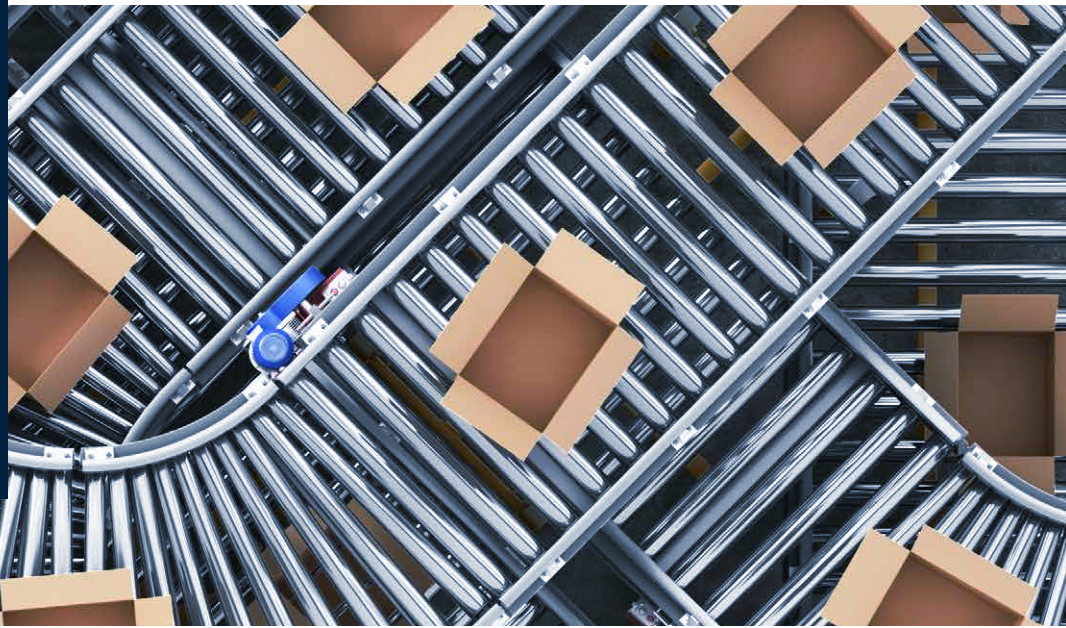


V-ribbed belts **optibelt** **CONVEYOR**

For complex
requirements in
transport and
logistics



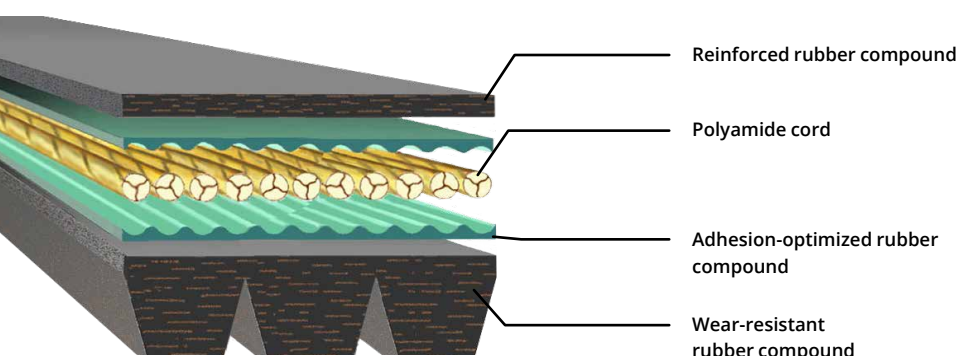
V-ribbed belts **optibelt CONVEYOR** and **optibelt CONVEYOR POWER**

The **optibelt CONVEYOR** is a ribbed belt that has been specially developed for the transport and logistics sector. The elastic V-ribbed belt is designed to optimally meet the mechanical requirements for fixed center distances.

The **optibelt CONVEYOR POWER** is a high-performance ribbed belt with an efficiency of up to 97%. It is suitable for transport weights from 1 to 1200 kg, depending on the conveyor speed and acceleration. The V-ribbed belt has also been further optimized for use in curved tracks. Thanks to its excellent spring rate, the required pretension is maintained at a constant level.

Design

The durable polyamide tension member provides the required elasticity of the ribbed belt. Thanks to the special material combination, the belt remains reliable even at extremely low temperatures. The rubber compound on the profile side ensures high resistance to abrasion and optimum power transmission.



optibelt CONVEYOR SERIES – the
solution for complex requirements
in transport and logistics

optibelt CONVEYOR



3 m/s



50 kg

optibelt CONVEYOR POWER

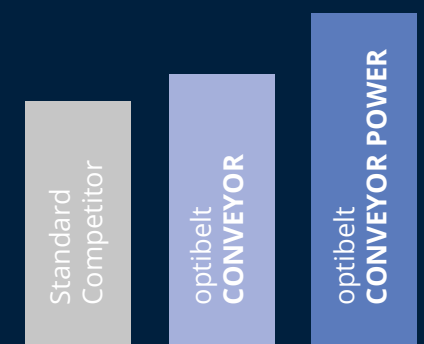


4 m/s



65 kg

Performance comparison



V-ribbed belts optibelt CONVEYOR

Advantages

- **At least 30% cost savings per module:** a single motor is sufficient to drive up to 50 rollers
- Significantly reducing investment and operating costs
- **Maintenance-free operation:** Thanks to its innovative **tensioning system**, the elastic optibelt Conveyor Power requires no maintenance or re-tensioning thanks to its innovative tension member. This reduces follow-up costs and increases system availability
- **Optimized tension and elongation properties:** For consistently high performance even under demanding conditions

- **Maximum operational reliability and durability:** Compared to conventional belts, the optibelt Conveyor Power achieves a service life that is two to three times longer
- **Robust against typical industry stresses:** Shock-resistant, temperature-resistant, insensitive to cold and tolerant of inclined positions
- Ideal for a wide range of industrial applications

Temperature range

Can be used in a temperature range from -40 °C to +80 °C

Area of application

- Roller conveyors
- Curved conveyors
- Accumulation conveyors
- Inclined conveyors
- Sorters
- Transfer lines
- Outlet & inlet sluices
- Semi- & fully automatic storage systems, etc.

