

- ▶ **Silence:**
Thanks to the elastic properties of its side guides, the CONVEYXONIC® prevents the belt jumping and reduces irritating noise by absorbing shocks, vibrations and flapping.
The grooves in the CONVEYXONIC® make the transmission very silent, whatever speed the conveyor is operating at.
- ▶ **Yield:**
No more chain stops: the CONVEYXONIC® can now operate non-stop 24/7 in complete silence.
- ▶ **Safety:**
A number of safety features are available on the market to meet the requirements of your conveyor. **Please contact us for more information.**

TO GO FURTHER

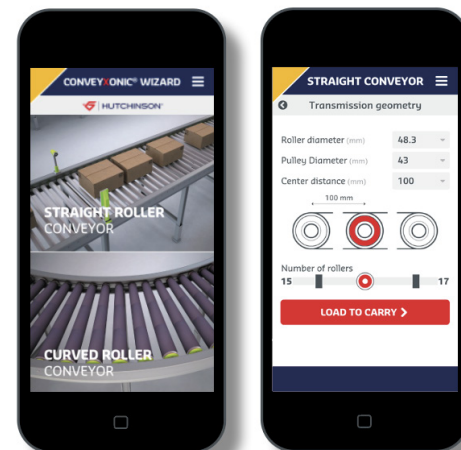
As a partner and designer of solutions, we can help you meet your design parameters: line transfers, sorters, very light load conveyors, special geometries, etc.

Ask for our market leaflet «Conveyor and handling systems» and discover the HUTCHINSON® solutions and in a wide range of applications.

CONVEYXONIC® WIZARD - QUICK SELECTION GUIDE

The CONVEYXONIC® Wizard HUTCHINSON® is a free, simple and quick selection guide for your CONVEYXONIC®.

- ▶ You choose the type of roller conveyor (straight or curved).
- ▶ You enter the load to be transported and the desired flow speed.
- ▶ The Wizard then recommends the CONVEYXONIC® belt best suited to your needs.
- ▶ The App is available on stores



We make it *possible*

HUTCHINSON BELT DRIVE SYSTEMS

Tel.: +33 (0)2 47 48 39 99 / beltdrives@hutchinson.com
www.hutchinsontransmission.com



CONVEYXONIC®

THE BELT REVOLUTION IN ROLLER CONVEYORS



**Roller
Conveying
BELTS**

The CONVEYXONIC® is an elastic power transmission belt, with multiple longitudinal ribs, dedicated to roller conveyor use. It is the only belt technology capable of transporting parcels from 1kg to 2 tons weight.

- ▶ **Cost savings**
- ▶ **Technical performance**
- ▶ **Customer confidence**



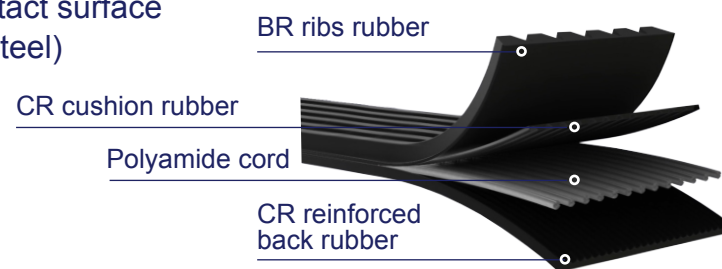
EXPERTISE

Hutchinson, a rubber specialist since 1853, is the inventor of conveyor elastic belt technology. We are working with the worldwide market leaders of Roller Conveyors and **millions of CONVEYXONIC® belts are fitted on thousands kilometers of conveyor.**

Our technical teams are working in close collaboration with the experts of the conveyor market, to constantly improve our product capabilities.

STRUCTURE

- ▶ A multi-ribbed shape to optimize the contact surface with the roller pulley ribs (polyamide or steel)
- ▶ Polyamide cord to increase transmission capacities
- ▶ Molded belt to increase lifetime



CHARACTERISTICS

- ▶ The polyamide elastic cord of the CONVEYXONIC® has outstanding mechanical properties. It can withstand temperatures of more than 80°C.
- ▶ The elasticity of the CONVEYXONIC® allows it to absorb shocks, unlike chains or synchronous belts.
- ▶ **CONVEYXONIC® belts are antistatic and comply with ISO 1813.**

Conveyor cleaning:	Water	Alcohol	PH > 10	High-pressure washing	Corrosion
Resistance Conveyxonic®	★★★★	★★★	★★★	★★★★	★★★★



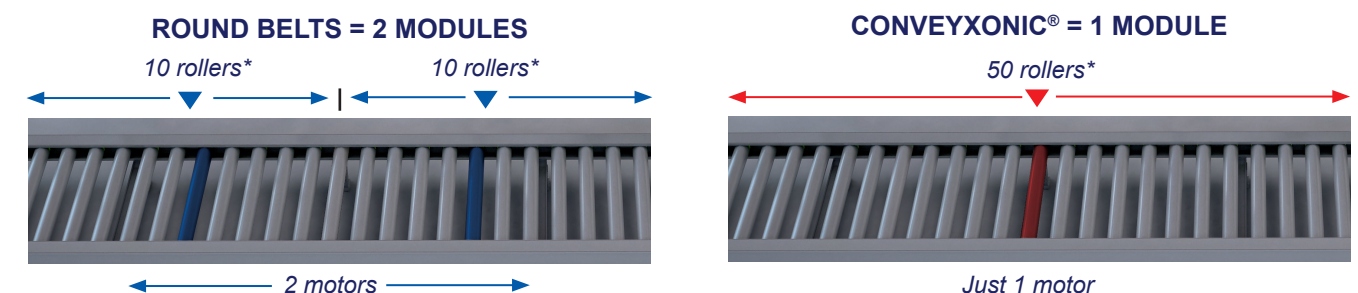
POWER RANGE

Four profiles to cover a power range from 55 to 550W and 0.10m/s to 3m/s.

- ▶ The **CONVEYXONIC® PH** for «Very Light loads» (specific rollers).
- ▶ The **CONVEYXONIC® PJ** «Light loads» easily outperforms round polyurethane belts, with its transmission ratio 4-times higher (Ø 43mm ribbed pulley diameter).
- ▶ The **CONVEYXONIC® PJ** «Medium and Heavy loads» can replace a chain drive system (Ø 56mm and Ø 75mm ribbed pulley diameter).
- ▶ The **CONVEYXONIC® PK** «Very Heavy loads» to replace chains for very heavy loads up to 2 tonnes (Ø 80mm ribbed pulley diameter).

COST SAVINGS

- ▶ **Electricity:**
The efficiency of the CONVEYXONIC® reduces the motor's electrical consumption.
- ▶ **Stock:**
Only one technology to stock.
In the case of light loads, and depending on the weight of the load being transported, you change the number of ribs on the belt but always retain the same roller.
Our complete range of CONVEYXONIC® belts is easily available from all our distributors.
- ▶ Low purchase cost: Immediate savings.



The CONVEYXONIC® belt's exceptional mechanical properties mean that a single motor is able to power up to a maximum of 50 rollers. **Generating a saving of at least 30% on each module.**

TECHNICAL PERFORMANCE

The **CONVEYXONIC®** is the « 6-in-1 » belt for transporting loads from 1kg to 2 tons, and thus replaces the six technologies used in the conveyor system (flat belt, round belt, timing belt, twisted belt, tangential and chain belt).

- ▶ **Increased speed:**
The **CONVEYXONIC®** belt pushes the speed limits for parcel transport (up to 3m/s for the PJ profile). It can be adapted to suit all linear speeds, making for smooth transport.

CUSTOMER CONFIDENCE

- ▶ **Clean:**
The CONVEYXONIC® belt does not need any special maintenance. No maintenance, no greasing, so the conveyor stays clean. There is nowhere for dust to accumulate.
The grooved profile of the CONVEYXONIC® drains off water, which keeps the belts dry.
- ▶ **Reliability:**
Engineered for outstanding reliability, the CONVEYXONIC® belt delivers a minimum service life of 1M stop&start when used in Hutchinson's recommended conditions. After a quick trial run, the tension remains the same for the entire life of the belt, and thereby making maintenance unnecessary.