

NEW



ConveyXonic™

ConveyXonic™, the revolution in roller conveyors

Cost savings:

- Immediate savings (low purchase cost).
- Lower electrical consumption.
- Reduced inventory costs.
- Lower maintenance budget.
- Standardised components.

Ease of use:

- Universal standard shelf product.
- Automatic or semi-automatic installation.
- Product line available from all of our distributors.
- Installation simplified by ConveyXonic™ belt elasticity.

Technical performance:

- The only technology capable of transporting packages from 1 kg to 2 T.
- Transmission power greater than with a round belt.
- An improvement over timing belts and chains.
- Smooth, rapid package flow.

Customer confidence

- A sturdy, clean system.
- Silent and reliable technology.
- Guaranteed yield and ROI.
- ISO 9982 Standard.

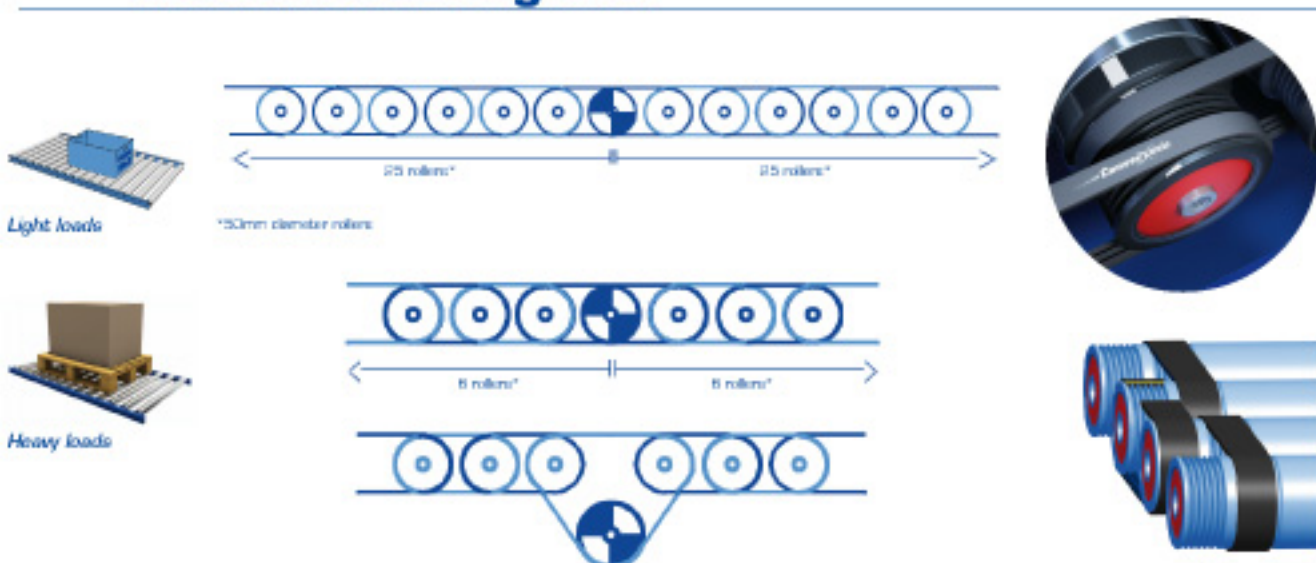
MOTOR OF INNOVATION

hutchinsontransmission.com

HUTCHINSON



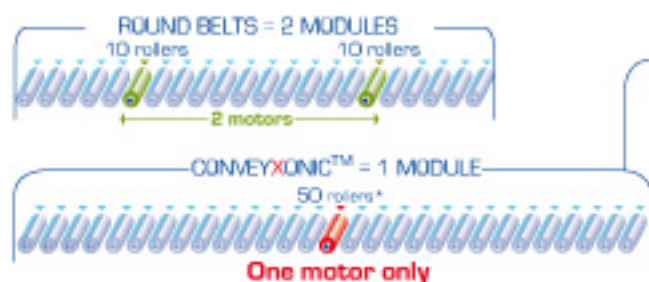
Installation diagram



Cost savings

MOTOR

The ConveyXonic™ belt's exceptional mechanical properties mean that a **single motor** is enough to power **50 rollers**, generating a saving of at least **30%** on each module.



This device is also designed for curved conveyor lines

ELECTRICITY

The ConveyXonic™ belt's efficiency **reduces the motor's electrical consumption**.

INSTALLATION AND MAINTENANCE

Automatic or semi-automatic installation is **quick and easy** with ConveyXonic™.

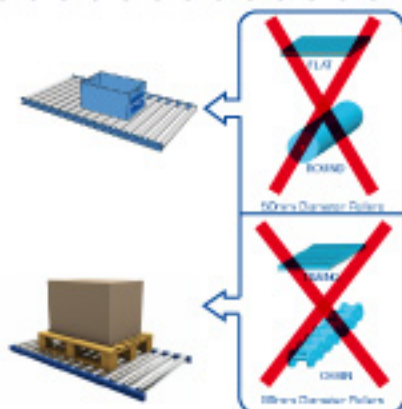
Due to its elasticity, the ConveyXonic™ belt accepts set-up tolerance.

Hidden costs disappear: no need for lubricants, no corrosion, no initial tensioning, and no retensioning.

STOCK

Only one technology to stock: the ConveyXonic™ is a "4 in 1" **belt** capable of replacing all 4 technologies used in a conveyor system (flat belt, round belt, timing belt and chain).

The entire ConveyXonic™ product line is available **rapidly** from all of our distributors.



Technical Performance

FLEXIBILITY



The ConveyXonic™'s **flexibility** means it absorbs jolts, unlike chains or timing belts.

INCREASED SPEED

The ConveyXonic™ belt pushes the limits of **package flow speed**. It can be **adapted to all linear speeds** and provides smooth package flow.

SAFETY

All ConveyXonic™ belts are **anti-static**. They are ISO 1813 compliant.

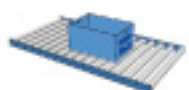
RESISTANCE

	Water	Alcohol	PH > 10	High-pressure washing	Corrosion
Conveyxonic Resistance	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

ACCUMULATION

Accumulation rollers with grooved profiles are now available for the ConveyXonic™.

SPECIAL FEATURE



Use on **sloped** conveyors (**10° max.**) is possible and provides high-performance.

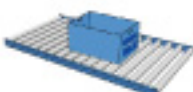
COLD RESISTANT LINE



Hutchinson has developed a **cold-resistant** structure which resists temperatures from **-30°C to +100° C**. The Cold Resistant ConveyXonic™ is as long-lasting and high-performance as the standard structure and works on straight, curved and pallet conveyors.

Easy to use

READY TO USE



The ConveyXonic™ product line is pre-calculated for you :

* Calculated for 50 mm diameter rollers and 43 mm pulleys.

Nominal center distance		ConveyXonic™	
(inches)	(mm)	2 ribs 1 - 200 Kg	3 ribs 200 - 300 Kg
2.16	55	PJ 246	
2.36	60	PJ 256	
2.68	68	PJ 270	
2.87	73	PJ 282	
3.00	75	PJ 286	
3.15	80	PJ 290	
3.54	90	PJ 314	
3.70	94	PJ 316	
4.00	100	PJ 336	
4.30	105	PJ 346	
4.72	120	PJ 376	
5.23	133	PJ 416	
6.30	160	PJ 456	

* For loads greater than 300 Kg, use the PK profile or consult us.

Hutchinson's ConveyXonic™ **Wizard** is an application which helps you define your ConveyXonic™ belt for your roller conveyor.

This **simple, quick and efficient** application **guides you in dimensioning** and using ConveyXonic™ belts, which are already widely used by conveyor system and component manufacturers.

This **free software**, available upon request, is a real innovation in field of roller conveyors. You can request it on our website.





Calculated for 89-90 mm diameter rollers and 80 mm pulleys, using 6 rollers.

Nominal center distance		ConveyXonic™	
		6 ribs 300 Kg - 1,5T	8 ribs 1,5T - 2T
(inches)	(mm)		
5.70	145	PK 541	
6.30	160	PK 573	
6.65	169	PK 589	
7.09	180	PK 611	
7.88	200	PK 651	
8.56	225	PK 701	
9.85	250	PK 751	
11.81	300	PK 801	

* For loads greater than 2T, consult us.

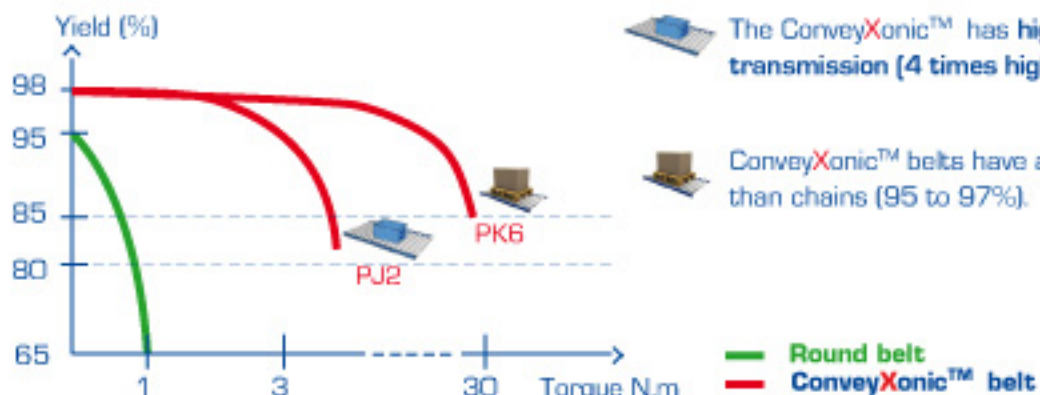
Feel free to contact us for other center distance!

UNDER DEVELOPMENT

We are currently developing small 30 mm diameter rollers and 21 mm diameter pulleys for loads under 10 Kg.

Feel free to inform us of all your problems!

POWER TRANSMISSION



The ConveyXonic™ has highly powerful torque transmission (4 times higher than a round belt).



ConveyXonic™ belts have a much higher yield than chains (95 to 97%).

Customer confidence

CLEANLINESS

The ConveyXonic™ belt has a **long life-span** and **requires no special maintenance**.

Maintenance free, grease free: the conveyor stays clean.

The ConveyXonic™ belt's grooved profile drains off water, which keeps it from stagnating.

This prevents the development of legionella and other bacteria.

The pulleys' grooved profiles means that a brush can be added to make cleaning easier.

RELIABLE AND SILENT

The ConveyXonic™'s elasticity **keeps the belt from jumping** and makes **retensioning unnecessary**. It also **reduces noise** by absorbing shocks, vibrations and flapping. The grooves on the ConveyXonic™ make **transport silent**, no matter how fast the belt runs.

YIELD AND ROI

No more chain stops: the ConveyXonic™, roller and pallet conveyors can now **operate non-stop 24/7** in complete silence.



**HUTCHINSON TRANSMISSION
POLY V® SERVICE**

Rue des Martyrs - B.P. 42 - 37304 Joué-les-Tours Cedex - Tel : + 33 2 47 48 39 99 - Fax : + 33 2 47 48 38 34
E-mail : poly.v.service@hutchinson.fr - hutchinsontransmission.com