



We make it **possible**

POLY V RELOADED

THE BELT FOR SEVERE APPLICATIONS

The Poly V RELOADED is a power transmission belt featuring multiple longitudinal ribs. It transmits the torque by contact of the belt rib flanks and the pulley grooves.

This new belt allows to combine:

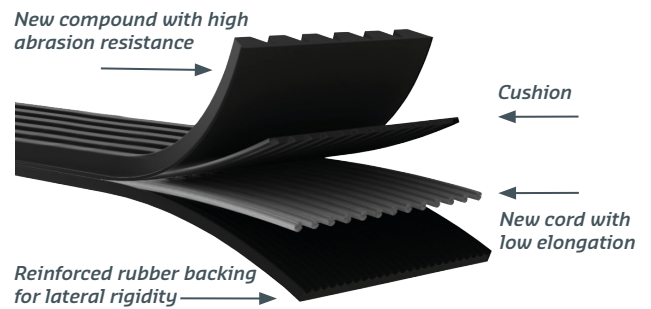
- **Compactness**
- **Various improvements**
- **Global cost reduction**

STRUCTURE

New ribs compound which improves abrasion resistance.

New reinforced polyester cord with low elongation:

better breaking strength and higher tension, with reduction of pulleys diameters.



CHARACTERISTICS

- Molding process: less waste and guaranteed thickness consistency.
- Compounds available for temperature up to +100°C.
- Anti-static belt according to ISO1813 compatible with ATEX

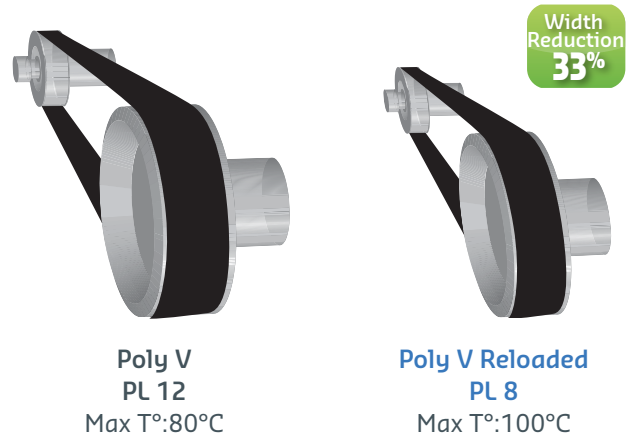
POWER RANGE

Belt profile	Length range (mm)	Power range (kW)	Minimum Pulley Ø (mm)	Transmission ratio
PL RELOADED	954 - 15,000	10 - 150	70	Up to 1/35

**Please contact us when designing or upgrading your system*

COMPACTNESS

Poly V Reloaded will yield 98% efficiency and transmit up to 40% more power than a «standard» Poly V PL with the same width, this can lead to a reduction of the width of belt & pulleys by at least 25%.





POLY V RELOADED

VARIOUS IMPROVEMENTS

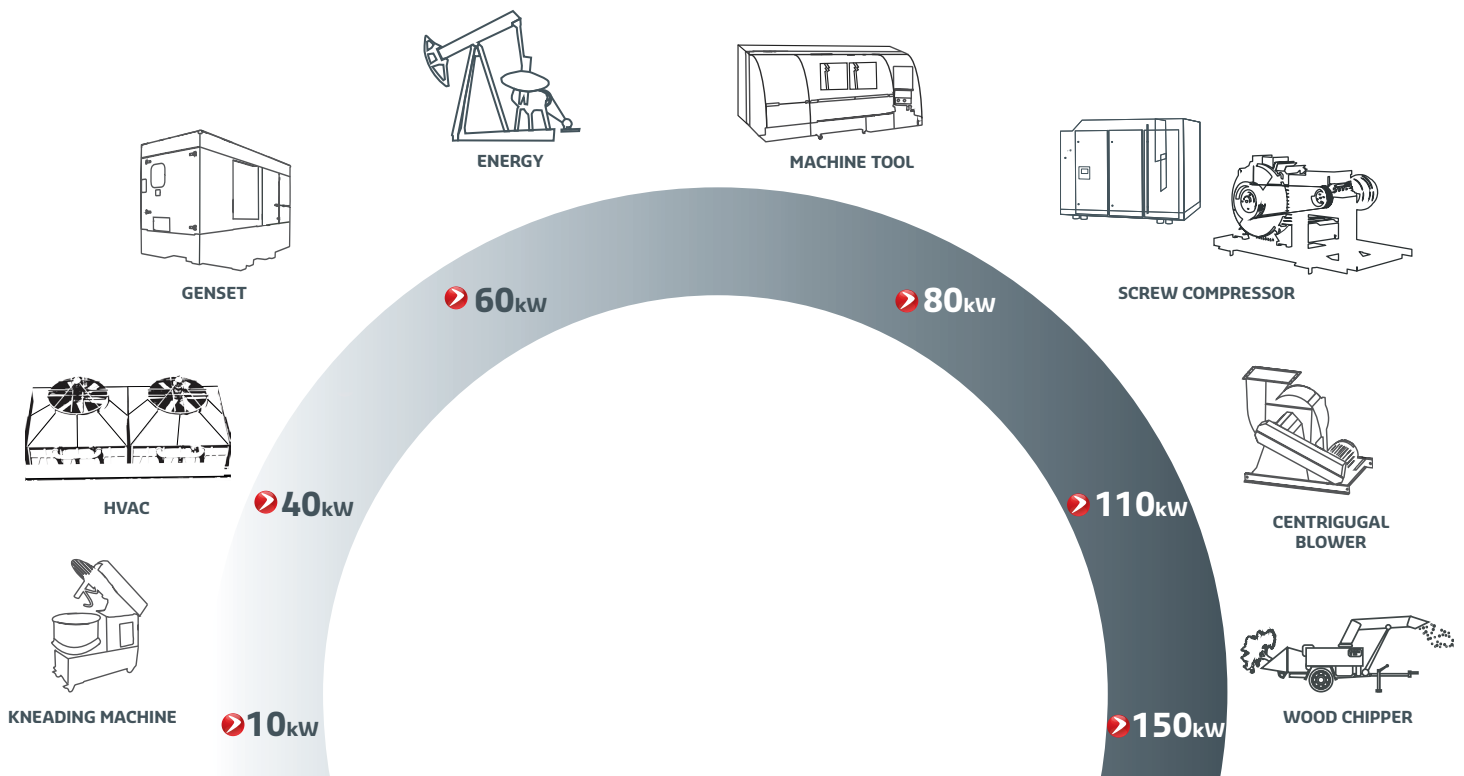
The reduction of the number of ribs allows to:

- Limit the friction and therefore **reduce the noise**
- **Reduce bending** at the extremity of the shaft
- **Reduce energy consumption**
- **Reduce the global weight** of the transmission

GLOBAL COST REDUCTION

Decrease in pulley and belt width reduces overall transmission acquisition costs from 10 to 20%

Cost Reduction **20%**



CONTACTS

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