

PowerTwist Plus[®]

V-BELT

Detachable
Belts for
Power Transmission & Conveying

- Easy/Fast Fitting
- Long Lasting
- Low Maintenance
- Reduced Vibration/Noise
- Reduced Stocks
- Non-Marking

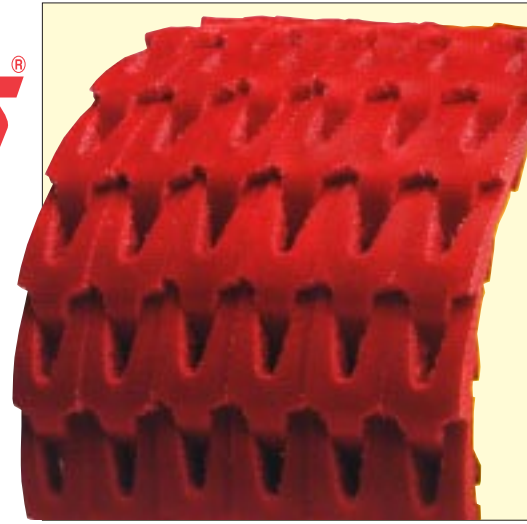


PowerTwist Plus[®]

V-BELT

A Proven Solution for Power Transmission & Conveying

PowerTwist Plus is an easy fit detachable belt, designed to excel in applications where traditional power transmission and conveying belts fail to perform. Manufactured from a high performance elastomer and reinforced by polyester fabric, PowerTwist provides an incredibly strong, yet flexible belt with the same power ratings as traditional endless belts.



Proven Benefits

PowerTwist's design and material composition provide many benefits in both conveying and power transmission applications:-

● Easy/Faster Fitting

Downtime can be reduced from hours to just minutes. PowerTwist can be made to length on site and joined around the drive. There is no need to dismantle equipment or use joining or welding tools. A vital quality for inaccessible drives or line shaft conveyors.



● Highly Durable

PowerTwist outperforms conventional belts in demanding conditions. It is highly resistant to extreme temperatures, abrasion, exposure to oils, grease, water, steam, and common industrial solvents and chemicals.



● Low Maintenance

PowerTwist needs no lubrication and minimal re-tensioning whilst in operation.

● Reduction in Vibration/Noise

The PowerTwist design reduces transmitted vibration and noise by up to 50%

● Long Lengths

PowerTwist can be made into belts of any length allowing long centre distances in conveying applications.

● Reduced Stockholding

PowerTwist can be made to length on site, this removes the need to stock numerous different endless spare belt lengths.



● Non-Marking

PowerTwist does not leave contact marks or stains on the products being conveyed.

PowerTwist Plus[®] V-BELT

Proven Applications

PowerTwist is widely used in many diverse applications including Air Conditioning, Board Conveying, Marine Drives, Packaging Machinery, Machine Tools and Agricultural Equipment. The gallery below illustrates just some of the belt's successful applications:-

Power Transmission



Steel Mill Hot Saw



Restaurant Fan



Paper Mill Lineshaft



Cotton Cleaner



Concrete Mixer-Pump



Oil Pump

Conveying



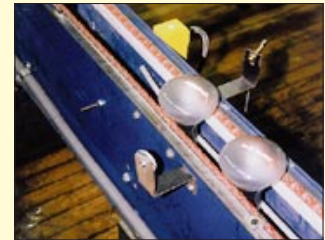
Automotive Glass Conveying



Sawmill Line Shaft Conveyor



Sheet Metal



Light Bulb Conveying



Packaging Conveyor



Food Processing



Availability

PowerTwist is available in Z, A, B, C and D sections. In addition AA, BB and CC sections are also available subject to quantities.



Special Designs

PowerTwist is available in a number of special designs for specific power transmission and conveying applications.

Round Profile

Designed to replace round profile belts. Available in several diameters, the round profile is highly flexible and can be used with small pulley diameters.

Teflon/Polymer Topped

PowerTwist can also be supplied with polymer tab inserts fitted on the top of the belt. This increases surface grip and cushions the product during transfer and conveying. The topping is also available in Teflon to give a non-marking option for high temperature applications.

High Grip Surface

An 85A durometer surface is moulded to the belt during manufacture. This provides a high grip non-marking contact surface for conveying and transfer applications.



For further information please contact us:-

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