

One Range, One Result, One Name

Fenner® Friction Belts

Ultra PLUS and Ultra PLUS 150

Fenner®

THE MARK OF ENGINEERING EXCELLENCE

Fenner® Ultra PLUS 150

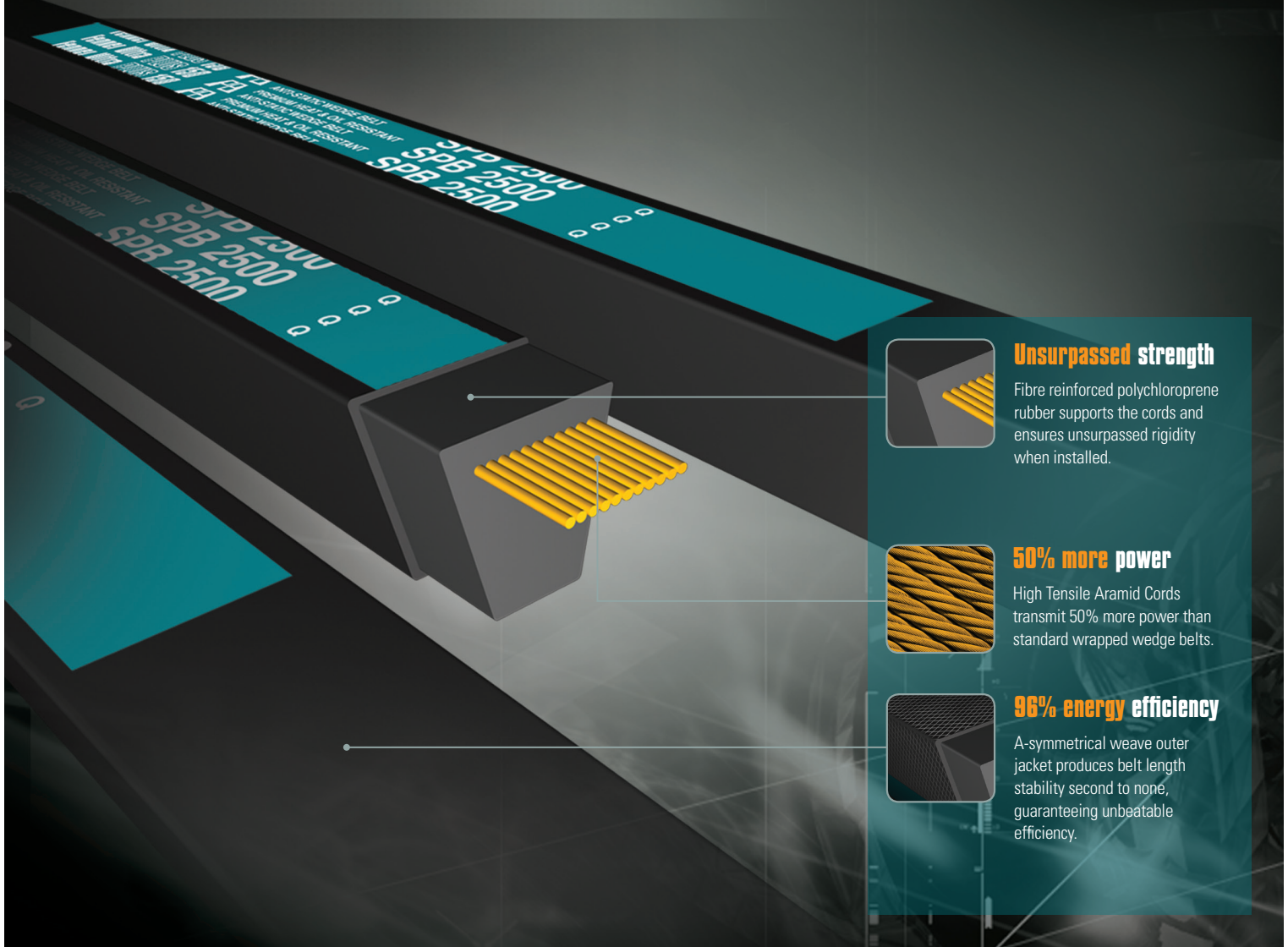
Wrapped Wedge Belt

Fenner Ultra PLUS 150: Advanced performance

Fenner Ultra PLUS 150 drive belts are specifically designed for applications where rugged durability is paramount, combining the highest level of performance with the longest service life possible.

- Greater reliability and working life
- Increased power ratings potentially reducing the numbers of belts required and grooves on a pulley
- Length stability, minimal stretch and elongation
- Greater efficiency resulting in less energy usage

η 96%
Wirkungsgrad



Unsurpassed strength

Fibre reinforced polychloroprene rubber supports the cords and ensures unsurpassed rigidity when installed.



50% more power

High Tensile Aramid Cords transmit 50% more power than standard wrapped wedge belts.



96% energy efficiency

A-symmetrical weave outer jacket produces belt length stability second to none, guaranteeing unbeatable efficiency.

Fenner® Ultra PLUS

Wrapped Wedge Belt

Fenner Ultra PLUS: Setting the standard

Built using advanced technology, Fenner Ultra PLUS transmission belts achieve economic performance by use of low elongation polyester cords and abrasion resistant impregnated jacket fabric.

- **PB**® (Precision Build) technology
- Accuracy and stability of length
- 'One Shot' tensioning - no matching necessary
- Meets highest industry standards for static conductivity and non-ignition properties
- Heat and oil resistant



Belt Properties Comparison Table	PowerTwist Super T Link	Classical Vee	Ultra PLUS Wedge	CRE PLUS Wedge	Quattro PLUS	Ultra PLUS 150 Wedge
Power Capacity	L	L	M	H	VH	VH
Efficiency	M	L	M	VH	VH	VH
Length Stability	M	M	M	H	VH	VH

L: Low M: Medium H: High VH: Very High

Vee Belts offer a versatile and economical low maintenance drive which is standardised throughout the world. However did you know that the Fenner range of Ultra PLUS wrapped wedge belts transmit significantly more power (30%) than the classical vee product when run in the same pulleys?

The benefits of using Fenner Ultra PLUS wrapped wedge belts include:

- Reduced energy consumption
- Power transmission significantly increased
- Increased drive performance
- Longer belt life

Efficiency
Reliability
Stability
Longevity

The Right Product for the Right Application



To achieve the ultimate in drive efficiency, you need to choose the right product and use it the right way.

These 3 simple steps will ensure your drive selection will perform as it should...

1

Select Correctly

A correctly selected drive will ensure the drive uses the fewest number of belts which in turn, reduces the loading on the machines bearings increasing the lifecycle of the machine and reducing downtime.



selectors.fptgroup.com/index.asp

2

Install Effectively

Correct installation once you have carefully selected your belt drive components is paramount to the longevity and efficiency of your belt drive. One area that is often overlooked and deemed an unnecessary cost is pulley condition - but can you really afford not to check?

70% of new belts are fitted to worn pulleys - wasting energy and compromising the efficiency and lifespan of the new belts. Replacing a worn belt but leaving a worn pulley in place will do little to restore the efficiency of a drive, and the belt will have a far shorter life than it should:

3

Never Compromise Efficiency

By including belt drives as an integral part of a planned maintenance schedule you can ensure process up-time is at an absolute maximum, prolong the life of the drive and maximise operational efficiency.



Belt Tension Indicator

Can you afford not to change your pulleys?

If the pulley grooves are worn, replace the pulley - this pays for itself very quickly by restoring optimum efficiency which is lost when the belts slip. The Fenner pulley groove gauge is the ideal tool to check the condition of pulleys and should be a key tool for all maintenance engineers!

Request yours today from your local ERIKS service centre.



New Belt & New Pulley

Gives you a lifecycle of approx 25,000 hours



New Belt & Worn Pulleys

Gives you a lifecycle of approx 12,000 hours



New Belts & Severely Worn Pulley

Can give you a lifecycle of <1,000 hours

1 + 2 + 3 =

- Maximum Drive Performance
- Maximum Drive Life
- Less Stress on Machine Components
- Maximum Productivity and Uptime
- Lowest Total Cost of Ownership

Fenner® - the language of power transmission

Generations of professional engineers have placed their trust in Fenner Power Transmission Products.

Dedicated to continual improvement for over 150 years, Fenner has long been a trusted brand worldwide across a wide range of industry sectors with a proven track record in supplying added-value problem solving products for power transmission applications.

This range has set the standard in innovation and performance to form the very foundation of your transmission drive line.

So when engineers talk about a drive with TaperLock™ bushes or Fenaflex™ tyre couplings, or any other of the key elements that make up the Fenner Power Transmission range, they are speaking "the language of power transmission". They are speaking "Fenner".

Drives carrying the Fenner name embody many technical features and engineering details gained from years of practical application experience - details that can never be imitated.

Add to that a proven, consistent ability to blend reliability, quality and value and it's no surprise that the Fenner mark today is widely recognised as synonymous with exceptional products for everyday use - a fitting tribute to the designers and engineers who proudly continue to oversee these ever-improving fundamentals of power transmission.

Do you speak Fenner?

- On-Line product selectors
- Installation videos
- Installation and Maintenance Instructions
- Technical Data sheets

On-line Friction Belt selector:
selectors.ftpgroup.com/index.asp



Quality Assurance



The Fenner Quality Assurance Initiative forms the foundation on which the complete power transmission range is constructed.

It is a worldwide commitment to quality and a guarantee that the quality of the products will always meet exacting, agreed and internationally recognised industry standards to ensure Fenner products excel in today's demanding applications.

Product Development

At the core of the initiative is a continuous quest for improvements in product performance, reliability and safety.

Exacting Standards

Incorporating material testing, process control, as well as noise studies, vibration analysis and safety performance checks, specified controls ensure that only the best is supplied.

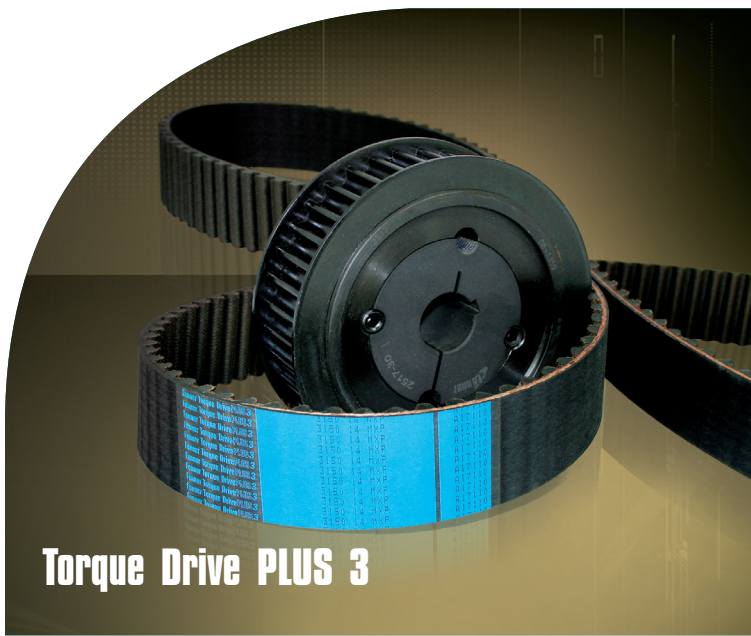
Performance

FPT Quality Assurance Initiative was designed to ensure that the Fenner products perform cost effectively, throughout their lifetime to deliver superb customer value underpinned by engineering excellence.

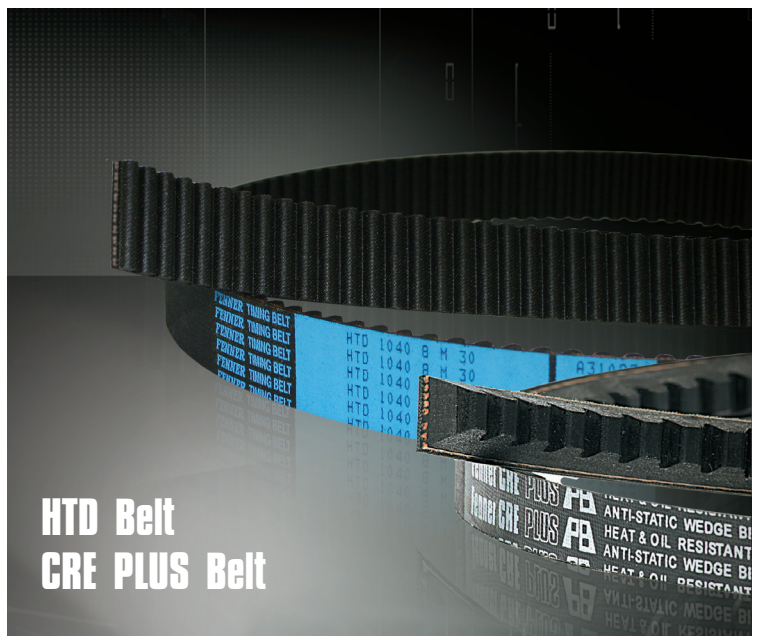
On-line Support

Optimising belt drive systems at the design stage can contribute significantly to the operating life, reliability and overall efficiency of a belt drive system. With this in mind we have developed a number of on-line aids.





Torque Drive PLUS 3



**HTD Belt
CRE PLUS Belt**



**Taper Lock® Bush
Taper Lock® Pulleys**



**Taper Lock®
Bushes**

▶ www.fptgroup.com

**Fenner® Product Solutions -
tried and trusted worldwide
for over 150 years.**

MAAGTECHNIC

Maagtechnic AG

Sonnentalstrasse 8,
CH-8600 Dübendorf

Tel: +41 (0)848 111 333 Fax: +41 (0)848 111 334

Maagtechnic AG

Chemin de Mongevon 23,
CH-1023 Crissier

Tel: +41 (0)848 111 666 Fax: +41 (0)848 111 667



Fenner, Fenaflex, Fenner Power Plus, Fenner Torque Drive Plus, PowerTwist, FenLock and Trantorflex are registered trade marks of J. H. Fenner & Co. Taper Lock, Power Plus, PB, and Bi-Loc are registered trade marks of ERIKS Industrial Services