

Accessories

The Fenner S.C.I.E.N.C.E. Explained

Did you know that 70% of friction drives are incorrectly installed?

That figure is quite astounding particularly when you consider how many applications are dependant on the efficiency and reliability of friction belt drives.

But don't panic, with a just a few simple steps and the assistance of your Local Authorised Fenner Distributor, we can ensure that your belt drives (and chain drives) achieve their optimum efficiency, full operating life and provide reliable performance.

With Fenner it's all about the **S.C.I.E.N.C.E. - Select Correctly, Install Effectively, Never Compromise Efficiency**, if you adhere to these simple rules you can be confident that your drive selection will perform.

Select Correctly

A correctly selected drive for your application will ensure the drive uses the fewest number of belts or the absolute minimum of belt width, which in turn.

- Reduces loading on the machines bearings increasing the life cycle of the machine, reducing downtime and the risk of mechanical failure
- Reduces the noise levels keeping noise pollution to a minimum at high speeds
- Reduces the amount of raw materials and resources used cutting down on waste an subsequent pollution

Install Effectively

Correct installation - once you have carefully selected your belt drive components - is paramount to the longevity and efficiency of your belt drive, by following the correct installation procedures to the letter and by using the right tools for the job, such as the Fenner laser alignment and tensioning devices, we can;

- Reduce the vibration to which the machine bearings are subjected, prolonging machine life, minimising downtime and reducing the risk of severe damage to the driven machine
- Ensure the drive operates and delivers its maximum rated power at its premium efficiency, reducing both waste and pollution
- Supply a drive which gives the maximum drive life available on the market using the minimum of resource to maintain

Never Compromise Efficiency

By including belt drives as an integral part of a planned maintenance schedule you can:

- Ensure the process up-time is at an absolute maximum giving the ultimate production output maximising operational efficiency
- Prolong the life of the drive and negate the need to waste costly resources on breakdowns and drive problems
- Extend drive, machine and bearing life to the maximum, using less raw materials and guarantee sustainability.

Remember your drive stands or falls by the accuracy of its installation, so take the time to get this right and you will reap the rewards. Use the S.C.I.E.N.C.E

Belt Tension Indicator

The Fenner Belt Tension Indicator is a simple tool that helps ensure accurate belt tension - a correctly tensioned drive avoids belt slippage which can reduce overall drive efficiency.

Product Ref: 230A0000



Fenner Drive Alignment Laser

The Fenner Drive Alignment Laser is the perfect tool for pulley and sprocket alignment. Applied magnetically in just a few seconds, the laser line projects onto targets allowing rapid adjustment for perfect alignment.



Product Ref: 230L0000

Pulley Groove Gauge

When installing new belts, the condition of the pulleys is often overlooked. 50% of new belts are fitted to worn pulleys, which can waste up to 10% of your energy input. The Fenner groove gauge can quickly help you assess the health of your pulleys.



Request your free pulley groove gauge from your Authorised Distributor.

Belt Efficiency Kit

Get the most from your wedge belt drives with the Fenner Belt Efficiency Kit. The kit contains all the tools necessary to help achieve optimum performance: Belt Tension Indicator, Pulley Groove Gauge and a simple guide to efficient wedge belt efficiency.

Product Ref: 230K0000



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