



PULLEY | CHAIN | SPROCKET | SHAFT FIXING | COUPLING | GEARED DRIVE | BELT | INVERTER | ELECTRIC MOTOR

The Complete Drive Solution

One Range. One Result. One Name



Fenner® Product Solutions
Tried and tested worldwide for over 150 years
Fenner® is a registered trademark of J.H. Fenner & Co. Limited

Fenner®

Reliable | Trusted | Connected



Our Vision

A partner of choice for industrial component supply and future sustainability.

Our Mission

Through customer focus, superior quality control and application experience, we will lower our customers' total cost of ownership and increase machine availability. Distributing through reliable channels and fostering strong key relationships.

Our Purpose and Values

Keeping customer plant and equipment operating efficiently is the central mission of the Fenner Power Transmission. We are guided by the following values:

SAFETY

We focus on safe work practices and act safely at all times.

INTEGRITY

We are ethical, honest and can be relied on to do what we say we will do.

SERVICE

The foundation of our customer service is to be responsive, efficient, local with a 'Yes Can Do' mindset. Simply stated, 'Rely On Us'.

LEARNING

We constantly strive to learn, grow and improve in all that we do.

RESPECT

We work collaboratively and respectfully with colleagues, customers and our supply partners.

Over 150 Years of Engineering Heritage

Fenner has been a leading name in power transmission for over 150 years and generations of professional engineers have placed their trust in these products.

Founded in 1861 by Joseph Henry Fenner, the company started as a manufacturer of horse hair and leather power transmission belts. In 1921, woven textile belts were developed and the company began to produce some of the finest transmission belting in the market. Today, Fenner product range include transmission belts, pulleys, chains, sprockets, couplings, taper lock bushes, shaft fixings, gearboxes, motors and inverters.

Our success in the market means that today the Fenner mark 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.





Reliable | Trusted | Connected

Exceptional Performance



Fenner power transmission products are world renowned for delivering the ultimate combination of rugged construction, reliable and efficient performance and value for money - proven in the harshest environments, guaranteed to perform in yours!

All power transmission products are manufactured to exacting specifications in line with international standards, and are backed-up by a product development programme designed to keep them at the cutting edge.

Reliable. Trusted. Connected.

Fenner's worldwide commitment to quality is a guarantee that wherever the project or customer is located, the Fenner products supplied will always meet the most exacting standards.



Fenner Guarantee



Products are guaranteed in terms of the manufacturer's Standard Conditions of Business only if all components of an assembly (excluding belts) are of genuine manufacture

All products are available for purchase subject to our standard conditions of sale. To the best of our knowledge the representations concerning performance of any items contained in our design manual are, at date of publication, accurate within normally accepted tolerances. We shall not, however, be liable for consequences arising from inaccuracies in drawings, specification or other information based on specifications, dimensions, calculations or information of whatsoever nature obtained from this manual nor be bounded thereto.

All products covered by our manual are manufactured to standards and or specifications adequate for the purpose for which they have been designed. We will repair, or at our discretion, replace, free of charge at point of delivery, any item or part thereof which may prove, within three months after delivery, to be defective due to faulty workmanship or material, save as aforesaid, no warranty or misrepresentation of any nature is or shall be taken to be given by us or is or can be implied.

The information contained herein is subject to alteration without notice, and accordingly, we shall not be bound to the contents of the terms hereof.

IMPORTANT NOTE:

All products listed in this manual are not approved for use in aviation industries. This comprehensive range is suitable for general industrial purposes.

Couplings & Shaft Fixings

Fenner® shaft couplings range from highly resilient to totally rigid and are all precision manufactured using high quality materials and the latest polymer technology. The extended range offers the ideal means for every application. With the industrial standard Taper Lock® Bush and associated hubs / adaptors, the Fenner keyless fixing device range includes Fenlock fixings in most formats.

*Fenaflex® Tyre Coupling

Highly flexible, torsionally elastic coupling offering versatility to designers and engineers with a choice of flange combinations to suit most applications.



Fenaflex®

Pioneered by Fenner

Fenner *Taper Lock® Bush

Machined to exacting tolerances in cast iron and steel, available in a full range of both metric and imperial sizes as well as a full range of weld-on hubs, bolt-on hubs and hub adaptors.



Taper Lock® Bush

Pioneered by Fenner

HRC

Semi-elastic flexible couplings designed for general purpose use and permit quick and easy assembly by means of Taper Lock® bush fixing.



HRC

Pioneered by Fenner

*Trantorque GTR

Keyless bushings offer a mechanical shrink-fit eliminating the problems of fretting corrosion, backlash and key wallowing.



Trantorque GTR

Jaw Coupling

Offers a range of hub and element variants to meet the demand for low cost, general purpose and spacer type flexible couplings.



Jaw

*FenLock Cone Clamping

Provides a wide range of keyless shaft / hub fixing assemblies offering simple installation, increased shaft strength and high torque transmission capacity.



FenLock Cone Clamping

NEW PRODUCT

Grid Coupling

Shaft-to-shaft couplings that are of compact size, yet can handle torque capacity due to their high strength hardened alloy steel construction.



Grid

NEW PRODUCT

Triflex Coupling

Triflex cord reinforced flexible tension coupling. Efficient, cost effective, highly compact, lightweight, low maintenance and maximum rotational speed of up to 7200 rpm.



Triflex

Belts & Pulleys

Fenner transmission belts have an enviable worldwide reputation achieved by consistent performance in the harshest environments. Built using the highest quality materials, with technically advanced production processes, and backed with rigorous quality procedures, Fenner belts, pulleys and Taper Lock® shaft fixings together form the complete belt drive solution.

Friction Belt Drives

Have set the standard for over 150 years. Its state-of-the-art design and manufacture reflected in optimised power ratings for compact size, economy efficiency and extended life. Superior anti-static, heat and oil resistant properties.



Classic V belt

Power PLUS

CRE PLUS



Quattro PLUS

Banded Belting

QuickFix

*PowerTwist PLUS

Synchronous Belt Drives

Offering high power transmission combined with accurate positioning in a compact drive envelope.



*Torque Drive PLUS 3

Classic Timing Belt

HTD Timing Belt

Friction Pulleys

Statically balanced and dual duty grooves provide high accuracy. Manufactured from high grade iron (GG25), tolerate shock loading and achieve rim speeds of up to 40m/s. Available with pilot bore fixings or using the Taper Lock® shaft fixing system for ultimate versatility. Suitable for vee, wedge and CRE belts.



Friction Pulleys

Accessories

Get the most from your wedge belt drives with the Fenner Belt Efficiency Kit. It contains all the tools necessary to help achieve optimum performance: belt tension indicator, pulley groove guide and a simple guide to efficient wedge belt efficiency.



Belt Efficiency Kit

Sprockets & Chains

Roller chain technology has evolved over the centuries. During this time, new design features and production processes have been introduced. The new Fenner roller chain products are a result of this technology. Fenner sprockets are available with either Taper Lock® or pilot bored fixings and are precision manufactured from fine grade cast iron.

Sprockets

Quick simple installation and removal. Manufactured from high grade iron Fully machined 0.45% carbon steel (C45) or high grade, close grain grey iron (GG25) is used for construction. Strict manufacturing tolerances match sprocket profiles to ISO R606 chain standards for a rolling action which significantly reduces sprocket tooth wear.



Sprockets

Pulley Groove Gauge

Helps to quickly assess the condition of your pulleys.



Fenner Drive Alignment Laser

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.



Belt Tension Indicator

Helps ensure accurate belt tension.



Fenner Standard Chain

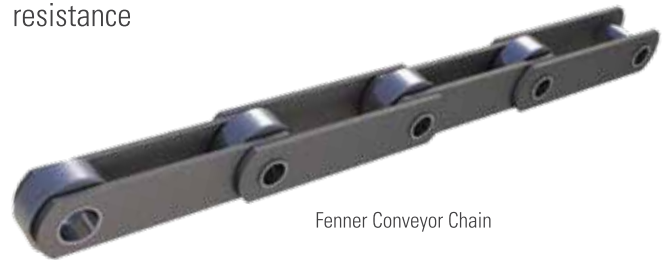
Easy to fit and replace, robust and long lasting chain and increased fatigue resistance.



Fenner Standard Chain

Fenner Conveyor Chain

Ensures high torque transmission capability over an extended working life. Enhanced performance in hostile environments. Solid rollers manufactured to achieve extremely high surface hardness ensuring high wear resistance



Fenner Conveyor Chain

Attachment Chain

International Organization for Standardization (ISO) and American National Standard Institute (ANSI) standard.



Attachment Chain

Geared Motors & Inverters

Fenner Shaft Mounted Speed Reducer (SMSR)

Offers a rugged design and a 50% increase in the power to weight ratio over older versions. It's more compact for easier handling and features an increased range of bore sizes.



Fenner SMSR

Pioneered by Fenner

Fenner Series C Helical Worm

Provides a highly efficient and compact solution to meet most requirements. Out perform other gearbox in terms of lowest cost/Nm.



Series C

Electric Motor

Delivers energy efficient, robust solution and a lower total cost of ownership. Conform to the latest European electric motor efficiency standards and meet the efficiency performance requirements for IE3 Premium Efficiency. 160 to 315 frame all with multi mount design. All motors fitted with thermistors terminated in the terminal box



IE3 Electric Motor

Fenner Series F Inline Shaft Mounted

Primarily designed as a shaft mounted unit incorporating an integral torque reaction bracket. The compact range of parallel shaft mounted geared motors and speed reducers offer high efficiency and interchangeability with other leading brands.



Series F

Inverter

Fenner QD (Quick Drive) Series inverters are ideal for both simple and sophisticated applications, due to their broad range of functions, easy configuration, simple installation and operation.



Fenner QD - HVAC



Fenner QD - Neo

Fenner Series K Bevel Helical

Incorporates all Fenners core design features in a highly efficient yet flexible bevel helical drive. With high load carrying capabilities and increased efficiency over worn units, it is proven to save energy and running costs.



Series K

Fenner Series M Coaxial

Designed to be utilised in a wide variety of situations. It combines high load carrying capacity with high efficiency and reliability.



Series M

NEW PRODUCT

Hygienic Geared Drives

Comprehensive range of geared drives and motors for clean environments protected against aggressive cleaning environments up to 7.5kW, 3,000 Nm



Our Presence in Asia Pacific



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Fenner® products conform to international standards, as such, we can advise that all Fenner® products comply with appropriate national and international standards in terms of design, performance and safety / environmental requirements. Where appropriate international standards (ISO) exist, these take priority over national standards. In respect of some operational safety and environmental requirements, some European standards (EN) are considered definitive worldwide.

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