

Power Transmission and Conveying Solutions since 1965



BELTS | PULLEYS | CHAIN | SPROCKETS | GEARS | HARDWARE | PLASTICS



Dear Customer

Ever since Transmission Developments started life over fifty years ago as a specialist manufacturer of timing pulleys, we have strived to set the highest of standards in power transmission.

In the early days the company's founder Mr. Stuart Osborne introduced the, then all new, polyurethane metric pitch "SYNCHROFLEX® Timing Belt" to a British industry that still worked in imperial measurements!

The complete drive concept was the foundation of a company that has grown into the largest independent, family owned, manufacturer and supplier of transmission belting and related products in the UK.

Continuing the work of Mr. Osborne, Mrs. Jean Osborne drove new investment and oversaw a restructuring of the company. Her vision enabled new product areas such as plastics and chain and the development of the company as a major distribution hub.

Today, thanks to the determination of our founders and a solid financial base, we remain focused on quality, service and our thousands of global customers. I welcome your feedback and thank you for your business.

Chris Cowler
Managing Director



TransDev Founders : The Late Mr & Mrs Osborne





Power Transmission, Conveying and Plastics Solutions since 1965

Founded over 50 years ago, TransDev are major manufacturers and stockists of major timing and conveyor belt and chain brands; with in-house customisation available.

We are the UK's largest manufacturer of Pulleys, Gears and Sprockets. Large gear, pulley and sprocket stocks for rapid rework and made-to-order are a speciality. We are also a 'one stop shop' for Plastic materials, machining, routing and injection moulding.

Committed to Innovation

FIRST

UK manufacturer of
Special Timing Pulleys

Apart from developing the largest range of standard and special transmission, indexing and positioning belting products, Transmission Developments has successfully incorporated an extensive range of gears, chains and plastics products.

FIRST

Jointed Timing
Belts in UK

We believe that the off the shelf availability of all standard products, backed by our manufacturing of specials, coupled with highly-trained competent staff is the key to customer loyalty. Notwithstanding of course, the importance of representing some of the most vital brands in the industry, such as SYNCHROFLEX®, BRECO®, BRECOFLEX®, CONTITECH®, VOLTA®, WIPPERMANN®, TYC®, PERSPEX® and more.

FIRST

to introduce Polyurethane
Timing Belts to the UK



BRITISH

based in Poole, Dorset



8M+

turnover



1000+ trade &
distribution customers



50+ YEARS

of expertise



3000+

global customers



55,000 SQ FT

production/warehouse space



Over 70% of stock held in automatic storage and retrieval machines

Commitment to Quality



At TransDev we realise that Quality runs through the entire business, not just our products. We have continually invested in the right people to provide superior market knowledge and customer service. Our supply chain partners, from manufacturers to logistics and information technology are also carefully chosen to fit our commitment to Quality.



TransDev has been quality assured since 1965. This is backed up by our ISO 9001: 2008 certification. Certificates of Conformity are also available on request.

For further information please contact our Quality Assurance Team on +44 (0)1202 675555 or email quality@transdev.co.uk

Quality key facts

- In-process and full final inspection
- Automated Kardex stock picking machines deliver 99% accuracy levels
- 99.9% of Special Belt orders completed to specification
- 99.7% of Special Manufacturing orders completed to specification

Traceability



Many products are batch traceable and can be supplied in accordance with REACH, RoHs and WEEE. Full material certification is also available on many items upon request.

Goods Labelling

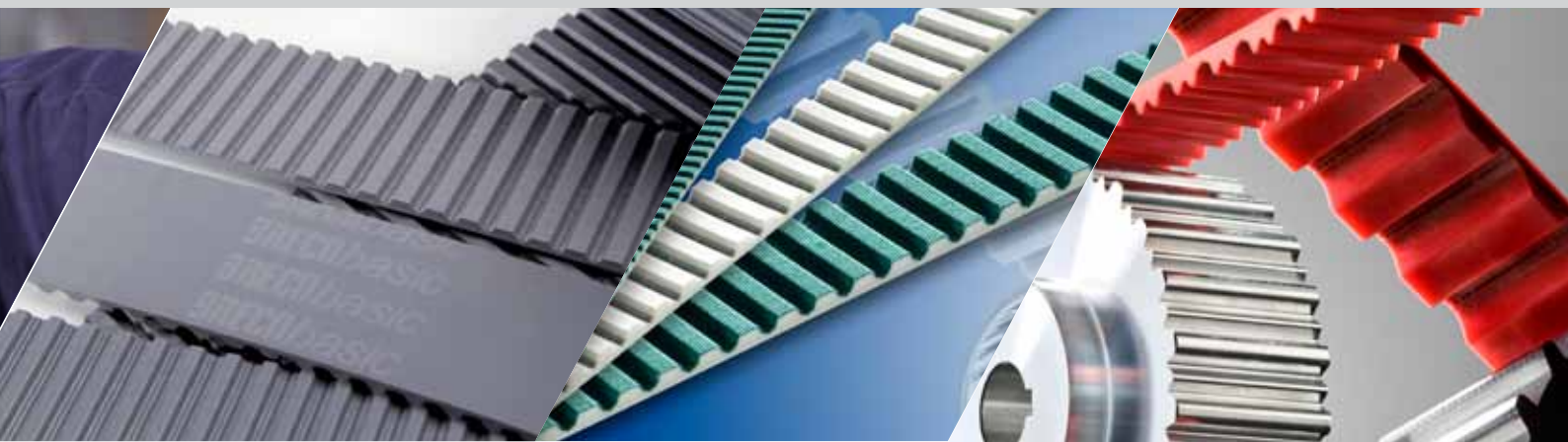


Goods can be clearly labelled with customer part and order numbers. Please ask your TransDev sales contact for information and costs.

Packaging



We have an excellent reputation for the quality of our packaging and the accurate fulfilment of kitted products.



Trusted Brands

TransDev is a member of MULCO and the UK distributor of the market leading BRECO®, BRECOFLEX®, CONTI® SYNCHROFLEX® and SYNCHROCHAIN® belting brands.

BRECO®, BRECOFLEX®, CONTI® SYNCHROFLEX® and SYNCHROCHAIN® polyurethane timing belts are high performance brand products of excellent quality and have a long operating life. The range offers an extensive selection of profile types, belt widths and lengths.

These are joined by our carefully chosen brands across belting, chain, gears, hardware and plastics; which include Volta, Wippermann, Poggi, Resatec, Perspex to name a few!



Trans-lock

Trans-flex

Drive-lock

Drive-flex

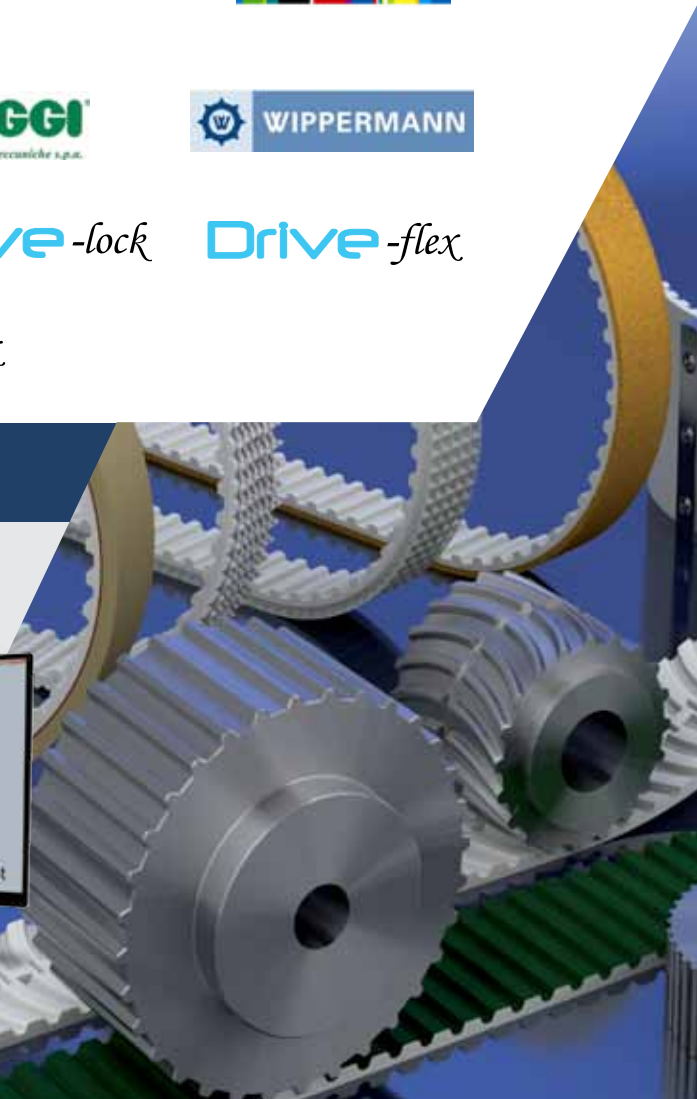
Trans-flat

V-flex



Mulco Group

Established as an international Working Group in 1951, Mulco-Europe EWIV has evolved today into the leading European group of manufacturers and sales companies in the field of polyurethane timing belt technology. As well as offering leading timing belt brands, Mulco also provide design software. Mulco belt pilot is an interactive online application that helps you quickly and accurately design and specify your belting solution.



Products and Services



 Belts



 Gears



 Pulleys



 Hardware



 Chain



 Plastics



 Sprockets

 **TransDev**
SERVICES

Kitting

TransDev's parts Kitting Service is used to supply complex, multi-level kits of parts to our customers. Computer controlled systems ensure all components and assemblies involved in a kit are purchased and kitted together.

Our service ensures the kits are produced correctly and in accordance with the customer's specification at every stage of the process, which is quality controlled to ensure 100% conformance.





For Trade and Distributors

TransDev Direct is your first port of call for standard products, including plastics.

Browse our website or contact us direct to enquire on products, pricing and to place orders.



Ordering from TransDev

TransDev has one of the largest selections of power transmission products in the UK. You can currently browse our website and catalogues and order via the phone, fax or email.

For Special Belts and Manufactured products we can produce drawings and help you with your specification, before confirming final costs.

- Orders taken before 4.30pm despatched the same day
- Integrated MRP system enables seamless and fast ordering
- 96% of all calls answered within 20 seconds
- 98% in-stock ratio
- Over 70% of stock held in automatic storage and retrieval machines
- 1600m² of static racking
- Over 29,000 separate products held in stock
- Over £3m of stock held

Delivery

Next day express delivery is available on many standard lines. Order in stock, standard components before 4.30pm for next day delivery to UK mainland locations (wherever possible).

Special Belts also enjoy excellent on-time delivery performance:

- Next day delivery possible on jointed belts ordered as late as 4:30pm
- Profiled, Wide and Backed belts normal lead-time from 1-2 weeks
- Backed belts typical lead time 5-7 days
- Breakdown express cell delivery from 24 hours
- Rework from standard products from 3-5 days

 24/7
365



Technical Support

Need Help? TransDev has a team of technical experts in all aspects of drive design technology waiting to help. TransDev can also run training sessions to help our customer's design engineers and to educate on the latest power transmission practices and new developments.

T +44(0)1202 675 555

F +44(0)1202 677 466

E support@transdev.co.uk



Breakdowns

TransDev can offer a 24 hour service on stock products and can immediately manufacture and dispatch made-to-order products in a machine breakdown situation.

To use this premium service, please contact the duty manager (English only spoken) on:

T 44 (0)7850 548 351

We regret this number cannot be used for progressing orders out of hours. (UK and Europe only)

For downloads and information visit:
transdev.co.uk/knowledgebase



Manufacturing Expertise



State of the art equipment has enabled TransDev to manufacture some of the most complex belts ever made, many within microns of pitch accuracy.

Special Belts

TransDev has a dedicated sales team with exceptional product knowledge across Standard and Special Belts. Fast quotations are provided for Standard and Special Belts (jointed, open, backed etc.), including over the phone. Most Special Belts are quoted within 1 hour and our competitive pricing reflects our status as a manufacturer as well as supplier.

TransDev have the largest Special Belt machining capabilities in the UK. We utilise CNC machinery to grind, slit, punch and slot belts and can also manufacture, fit and grind standard or special made profiles of any shape up to 800mm in width. Our specialist machines can weld belts up to 800mm in width and are among the fastest in our Industry.

- We have the capacity to produce over 2,500 Jointed Belts each month
- One of the largest stock profiles in Europe
- 35,000 metres of belting in stock
- Jointed Belts available from stock
- Wide Belts available up to 800mm in width
- FDA and JFS food quality materials

Autoclaved Belts

TransDev continuously backed timing belts ensure that there is no join to fail. If you need a backed belt that can run in either direction, with a backing that is an integral part of the belt, then you need a TransDev Autoclaved Timing Belt.

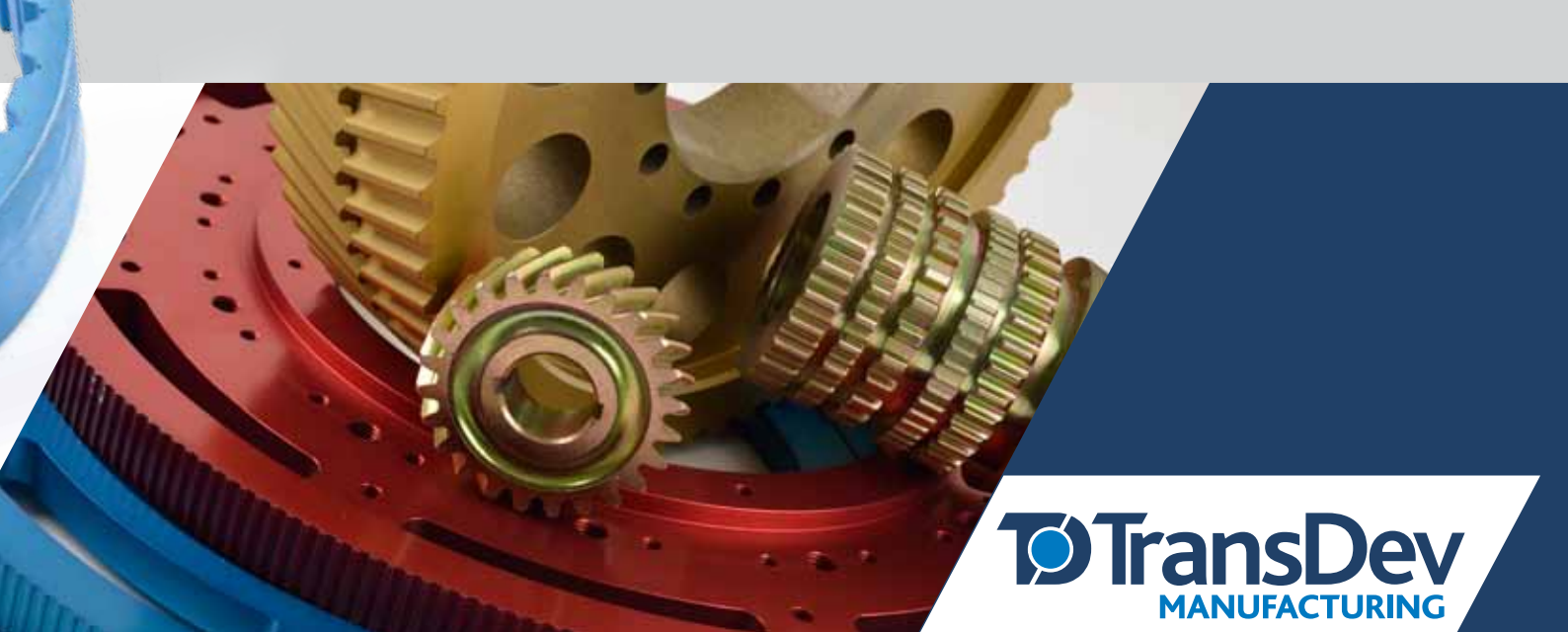
- 6 special types of rubber held in stock
- New materials can be developed to suit your special requirements
- All the popular Haul-down Belts and Sausage Belts are available from stock



TransDev typically produces over 600 backed belts each month, with 26 different backing materials available, all from stock.

- Special backings are available to suit all applications
- Vulcanized backings (no joint) available on belts up to 3 metres in length
- CNC grinding, grooving and slitting of belts up to 120 metres in length
- Bonded materials are available to suit many applications
- High friction, low friction, soft, hard or compressible backings
- Experts in Haul-off belts for the packaging, plastic and cable industries
- All belt backings can be special machined/ground to drawing

Trans-back



Special Manufacturing

TransDev is the UK's largest timing pulley manufacturer with a capacity from 4mm to 1 metre in diameter. We utilise manual and CNC machining, operating two manned and one unmanned shift per day.

- 17,000 pulleys, gears and sprockets manufactured per month (average)
- Dedicated manufacturing sales team with exceptional product knowledge
- Fast quotations, with most items to drawing quoted within 1 hour
- World Class MRP system, with barcode tracking that enables us instant access to the live status of your order
- Live work queues enable us to make real time changes to assist your delivery requirements on existing orders in production
- Over £300,000 of tooling covering all SYNCHOFLEX®; BRECO®; SYNCHROCHAIN®; HTD®, Imperial; Polychain®; Eagle®; Clamp Plates; Gears & Sprockets pitches
- Competitive pricing



Plastics

TransDev Plastics is the dedicated Plastics Division of Transmission Developments Co (GB) Ltd.

Our plastics division was created approximately 25 years ago to machine components from sheet UHMWPe and is now a major supplier nationwide of such items as chain and belt guides, bespoke machined parts as well as engineering and display plastics.

With our experience of plastics stocking, distribution and our reputation for good service, you can depend on TransDev Plastics. Our expert telephone sales staff are able to give assistance on materials machining and handling.

TransDev also have a specialist engineering section for milling and routing anything from one offs to large batches. Should you require a finished product, please enquire for a competitive quotation and service. We also offer an injection moulding service, Transmould.



The TransDev Plastics Division has four areas of operation:

- **Transplas** machined stock shapes, covering primarily Polyethylene Wear Strip materials and a vast range of extruded profiles
- Engineering plastic stock range, covering semi-finished rod and sheet materials
- Display plastic stock range, including Perspex acrylic sheets
- **Transmould** injection moulding service





Exploring the Limits

e=motion was a world electric vehicle land speed challenger in the mid 2000's and was the fastest vehicle of its kind ever designed and built in the UK.

e=motion

During final testing in Nevada the drive controller was set conservatively to deliver 48% power and over the measured mile 'E=motion' achieved an average speed of 189.9mph, with a terminal velocity in excess of 200mph. However minor technical problems prevented an official time being recorded.

TransDev was a leading sponsor and supporter for the project and designed the main drive around BRECO® ATP15 GEN III belts and precision ATP pulleys. These supported the extremely demanding transmission system used on the 10 metre long vehicle.

e=motion is rear axle driven via a five pulley system using a single 75mm wide ATP15 GEN III belt. A belt drive rather than a geared drive system was considered the most efficient method of transferring power from four, 75kW motors to the axle and provides a mechanical reduction for the motors which run up to 6,000rpm, allowing road speeds of more than 300 mph.

Powered from fifty two, 12 volt, lead-acid batteries, the force-cooled inverter motors run for only 3 minutes or so from each charge. They produce a combined output of nearly 530kW, with acceleration controlled entirely by variable speed drives.

As the e=motion vehicle's amazing acceleration, faster than an F1 racing car, is the key to a record attempt, the power transmission system takes a significant pounding. The choice of ATP15 GEN III belts and ATP pulleys were a critical factor in determining a design realistically capable of achieving a world record and reflects the quality and durability of the product.

BRECO and SYNCHROFLEX GEN III timing belts provide up to 60% higher power transmission than the standard version and combine a unique, more tightly packed, neutral tracking, high tensile steel cord structure, with wear resistant, polymer loaded, polyurethane for longer life, optimised belt tracking, reduced noise and maintenance free operation.

The official FIA World Electric Land Speed Record was only recently raised to more than 200mph. This was achieved at Elvington, UK in June 2013, when Lord Drayson posted a speed of 204.185mph at the wheel of his specially adapted Lola B12 Le Mans prototype.



Contact Us Today

0845 0 675 555

Lines open Mon-Fri 9am-5pm, excluding UK Public Holidays.

Alternatively order via phone, fax or email:

T +44(0)1202 644 810

F +44(0)1202 677 466

E sales@transdev.co.uk



Premium Breakdown Service 24/365

T +44 (0)7850 548 351 (UK and Europe only)

Specialist departments:



TransDev Chain Sales

T +44(0)1202 644 808 F +44(0)1202 677 466



TransDev Plastics

T +44(0)1202 670 567 F +44(0)1202 667 768



Special Belts & Manufacturing

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TransDev
THE POWER IN MOTION



V-flex

Trans-flat

TYCO

Drive-flex

RESATEC
SWITZERLAND

Trans-flex



Trans-plas



WIPPERMANN

PERSPEX™

Witra®
Proof of Quality

Trans-lock



Drive-lock

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Request your full 2015 range catalogue at transdev.co.uk



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transdev.co.uk