



**Engineering
Support**

**A Value Added
Resource**

Belt Drives



TB Wood's ENGINEERING RESOURCE

OBJECTIVE

Quickly and accurately translate customer information into a delivered solution.

PROCESS

Use our knowledge and understanding of mechanical power transmission systems to provide the best drive for an industrial application.

ACTIVITIES

- Design
- Selection
- Training

SUPPORT CHANNEL

- By phone: **888-TBWOODS**
- By email: **mechanical@tbwoods.com**
- In person site visit



VALUE ADDED ACTIVITY

WE SHORTEN OUR CUSTOMERS DESIGN CYCLE BY DOING DRIVE COMPONENT DESIGN.

We evaluate the customer's application requirements to determine if standard components can be applied. We will recommend made-to-order components if necessary and/or beneficial.

We have solutions for fixed, adjustable and variable speed applications and those with multiple shaft arrangements.

We can apply our design and manufacturing experience to generate special designs like clamped hubs, split wheels, taper pulleys and flywheels.

Our group has an understanding of industry standards like MPTA, ARPM (formerly RMA) and ISO. Designs can adhere to these standards or they can be customized based on the customer's requirement.

We can assist the design process by reviewing customer component drawings for manufacturability.



WE APPLY OUR EXPERIENCE TO GENERATE EFFECTIVE DRIVE SELECTIONS.

We provide V-belt and synchronous belt drive selections for industrial light duty, standard duty and heavy duty applications. This encompasses all HP ranges; from fractional HP to thousands of HP.

We will select the appropriate product family and the specific drive details for each application. The drive detail report includes performance ratings, installation parameters and a part list.

We can redesign drives to incorporate new technology like Aramid fiber belt drives and/or redesign to use more common products.

We evaluate opportunities for savings like:

- Improving efficiency (energy use)
- Total life cost
- Performance enhancement

We interchange old or competitive part number references to TB Wood's part numbers.

IMPROVE THE EFFECTIVENESS OF MAINTENANCE TEAMS BY PROVIDING PRODUCT TRAINING.

Awareness can lead to improved system uptime and drive life.

- Proper installation techniques
 - Bushing system
 - Alignment
 - Belt tension
- Problem indicators
 - Visual and audible

SELF SERVE TOOLS

www.tbwoods.com

- Accessible from any device with internet connection
- User settings are always recalled regardless of device
- New solutions always use latest software version
- Easier retrieval and sharing of prior solutions

Technical support in Chambersburg, Pennsylvania for immediate response to user's questions



TB Wood's Facilities

North America

USA

440 North Fifth Avenue
Chambersburg, PA 17201 - USA
888-829-6637 * 717-264-7161

Belted Drives and Elastomeric Couplings

Customer Service

1-888-829-6637 (Press #5)

For Application Support

1-888-829-6637 (Press #7)

2000 Clovis Barker Road
San Marcos, TX 78666 - USA
1-888-449-9439

General Purpose Disc Couplings

Customer Service

1-888-449-9439

4970 Joule St
Reno, NV 89502 - USA
775-857-1800

Canada

9779 45 Ave NW
Edmonton, AB T6E 5V8 - Canada
+1 780-439-7979

6305 Danville Road
Mississauga, ON L5T 2H7 - Canada
1-800-829-6631

1073 Rue Bégin
Saint-Laurent, QC H4R 1V8 - Canada
+1 514-332-4812

Mexico

Comisión Federal de Electricidad 850,
Industrial San Luis,
San Luis, S.L.P., 78395 - Mexico
+52 444 137 1500

Europe

Merchant Drive, Hertford
Hertfordshire SG13 7BL - England
+44(0)1992 501900

Elastomeric Couplings

The Brands of Altra Industrial Motion

Couplings

Ameridrives
www.ameridrives.com

Bibby Turboflex
www.bibbyturboflex.com

Guardian Couplings
www.guardiancouplings.com

Huco
www.huco.com

Lamiflex Couplings
www.lamiflexcouplings.com

Stromag
www.stromag.com

TB Wood's
www.tbwoods.com

Gear Cam Limit Switches

Stromag
www.stromag.com

Electric Clutches & Brakes

Inertia Dynamics
www.idicb.com

Matrix
www.matrix-international.com

Stromag
www.stromag.com

Warner Electric
www.warnerelectric.com

Linear Products

Warner Linear
www.warnerlinear.com

Engineered Bearing Assemblies

Kilian
www.kilianbearings.com

Heavy Duty Clutches & Brakes

Industrial Clutch
www.indclutch.com

Twiflex
www.twiflex.com

Stromag
www.stromag.com

Svendborg Brakes
www.svendborg-brakes.com

Wichita Clutch
www.wichitaclutch.com

Belted Drives

TB Wood's
www.tbwoods.com

Gearing

Bauer Gear Motor
www.bauergears.com

Boston Gear
www.bostongear.com

Delroyd Worm Gear
www.delroyd.com

Nuttall Gear
www.nuttallgear.com

Overrunning Clutches

Formsprag Clutch
www.formsprag.com

Marland Clutch
www.marland.com

Stieber
www.stieberclutch.com

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