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

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.

SUPPORT CHANNEL
- By phone: 888-TBWOODS
- By email: mechanical@tbwoods.com
- In person site visit
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
688-829-6637 * 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

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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
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Industriel San Luis,
San Luis, S.L.P. 78305 - Mexico
+52 444 137 1500

Europe

Merchant Drive, Hartford
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
Lami/flex Couplings
www.lamiflexcouplings.com
Stromag
www.stromag.com
TB Wood's
www.tbwoods.com
Geared 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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