

Belt Drive Selector

at tbwoods.com



V-Belt Sheaves
and Belts

Synchronous
Sprockets and Belts

Bushings



 **TB Wood's**[®]
Incorporated

An Altra Industrial Motion Company

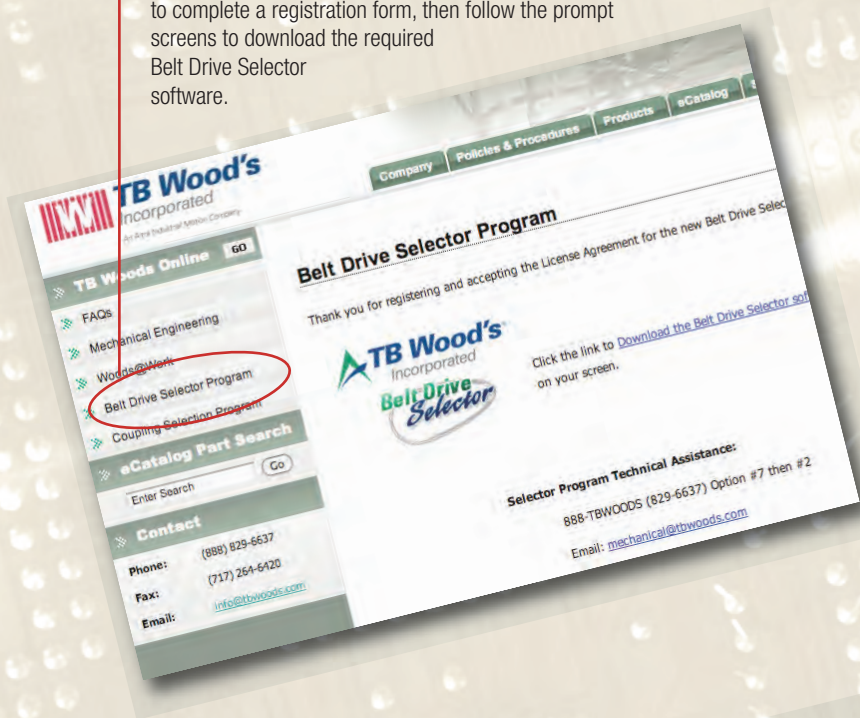
The new and improved Belt Drive Selector at

www.tbwoods.com

now allows you to select drives using QT Powerchain II and Premium belt product lines.

Access is Simple

Just click on the "Support" tab at the top of the TB Wood's home page (www.tbwoods.com), then on the "Belt Drive Selector Program" link in the upper left navigation bar. Unregistered visitors will be required to complete a registration form, then follow the prompt screens to download the required Belt Drive Selector software.



Helpful new features add flexibility to the selection process

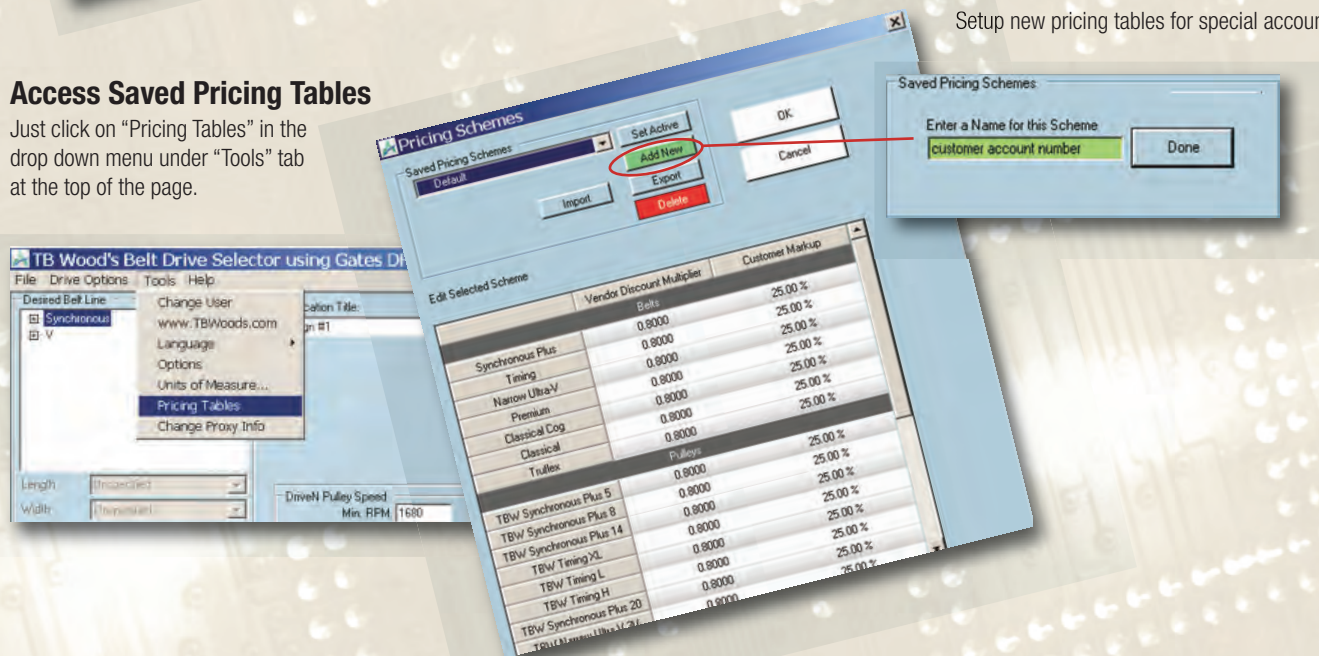
- Ability to add multiple pricing tables
- Input fields now include gearbox speed ratio
- Input fields now include DriveN shaft speed tolerance
- Ability to print drive selection report and drive detail report to PDF
- Metric units option is included
- Ability to add customer contact information

Customize Tables

Setup new pricing tables for special accounts

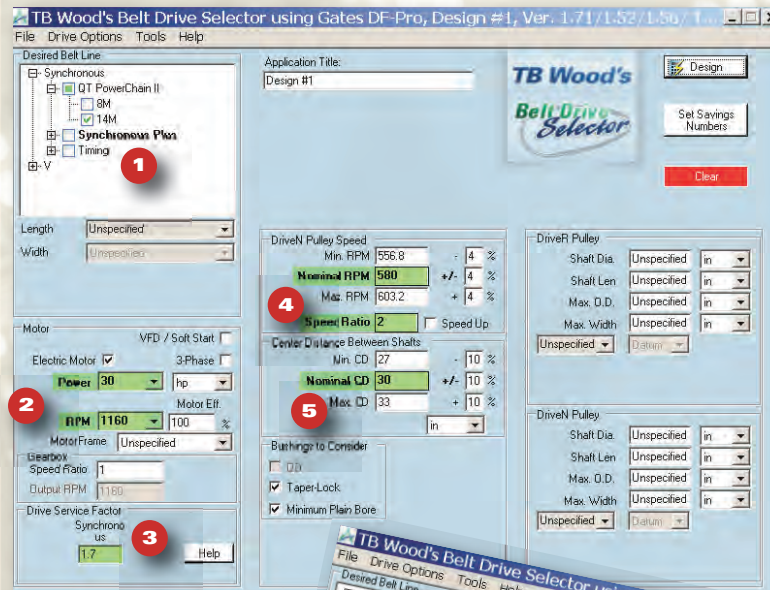
Access Saved Pricing Tables

Just click on "Pricing Tables" in the drop down menu under "Tools" tab at the top of the page.



Select Required Drive Inputs

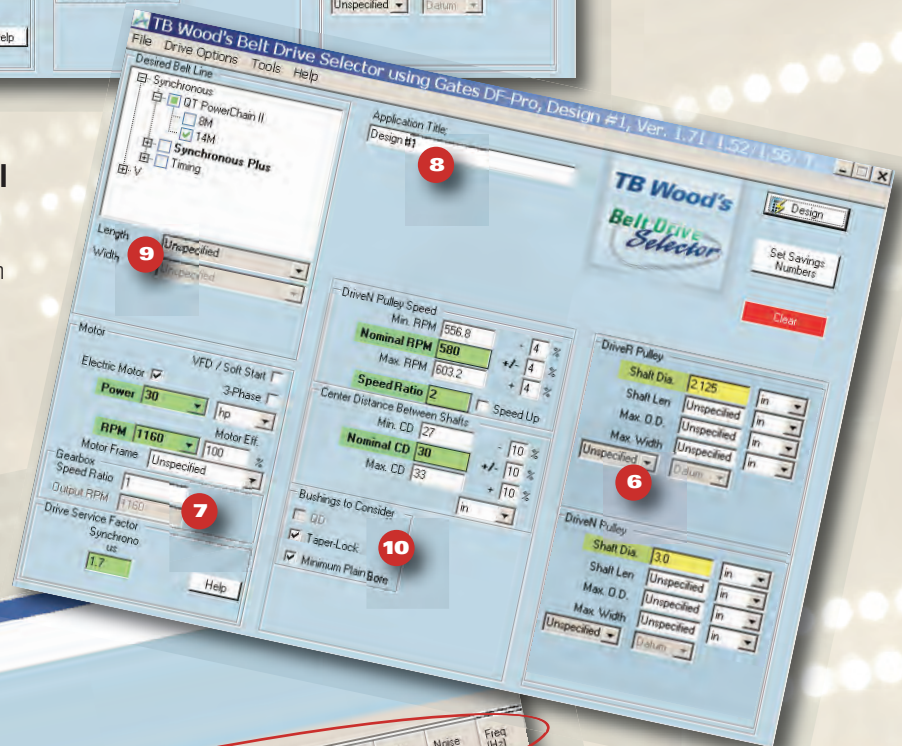
1. Desired belt line
2. Motor power and RPM
3. Service factor
4. Driven pulley RPM or speed ratio
5. Center distance between shafts



Select Optional Drive Inputs

6. Pulley detail*
7. Gearbox reduction
8. Drive title
9. Belt detail*
10. Bushing type*

*These fields constrain drive options



Design #1, Solution Summary

Show Solutions containing: Problem Drives: 1

Selected	Prod Line	Belt	DriveR (Grooves)	DriveN (Grooves)	DR RPM	DR RPM	DDR	Rel. Cool	CD (m)	Δ CD (in)	Belt Full (lb)	Width (in)	Noise (dB)	Freq (Hz)
<input type="checkbox"/>	QT PowerChain II	14MPC231020	36	71	588.2	8	1.0	1.0	30.57	0.57	662	1.44	71	696
<input type="checkbox"/>	QT PowerChain II	14MPC231020	36	75	587.7	8	1.1	1.1	29.99	-0.02	662	1.44	71	735
<input type="checkbox"/>	QT PowerChain II	14MPC231020	37	75	572.3	8	1.1	1.1	29.72	-0.28	627	1.44	71	715
<input type="checkbox"/>	QT PowerChain II	14MPC231020	39	75	603.2	23	1.1	1.1	29.85	-0.15	644	1.44	71	754
<input type="checkbox"/>	QT PowerChain II	14MPC231020	28	55	580.0	0	1.3	1.1	29.60	-0.40	611	1.44	72	541
<input type="checkbox"/>	QT PowerChain II	14MPC210037	28	80	590.0	0	1.2	1.1	30.11	0.11	696	1.44	71	773
<input type="checkbox"/>	QT PowerChain II	14MPC239020	40											

Drive Report Additional Functionality

1. Customize the report by adding customer contact information
2. Ability to show metric units
3. On-the-fly report update with "what if" belt options

Drive Options

Click to sort by most important category

Double click selection to get a detailed drive report

Electromagnetic Clutches and Brakes

Warner Electric

Electromagnetic Clutches and Brakes

New Hartford, CT - USA
1-800-825-6544

For application assistance:
1-800-825-9050

St Barthelemy d'Anjou, France
+33 (0) 2 41 21 24 24

Precision Electric Coils and Electromagnetic Clutches and Brakes

Columbia City, IN - USA
1-260-244-6183

Matrix International

Electromagnetic Clutches and Brakes, Pressure Operated Clutches and Brakes

Brechin, Scotland
+44 (0) 1356 602000

New Hartford, CT - USA
1-800-825-6544

Inertia Dynamics

Spring Set Brakes; Power On and Wrap Spring Clutch/Brakes

New Hartford, CT - USA
1-800-800-6445

Linear Products

Warner Linear

Linear Actuators
Belvidere, IL - USA
1-800-825-6544

For application assistance:
1-800-825-9050

St Barthelemy d'Anjou, France
+33 (0) 2 41 21 24 24

Couplings

Ameridrives Couplings

Mill Spindles, Ameriflex, Ameridisc

Erie, PA - USA
1-814-480-5000

Gear Couplings

San Marcos, TX - USA
1-800-458-0887

Bibby Transmissions

Disc, Gear, Grid Couplings, Overload Clutches

Dewsbury, England
+44 (0) 1924 460801

Boksburg, South Africa
+27 11 918 4270

TB Wood's

Elastomeric Couplings

Chambersburg, PA - USA
1-888-829-6637 – Press #5

For application assistance:
1-888-829-6637 – Press #7

General Purpose Disc Couplings

San Marcos, TX - USA
1-888-449-9439

Ameridrives Power Transmission

Universal Joints, Drive Shafts, Mill Gear Couplings

Green Bay, WI - USA
1-920-593-2444

Huco Dynatork

Precision Couplings and Air Motors

Hertford, England
+44 (0) 1992 501900

Charlotte, NC - USA
1-800-825-6544

Heavy Duty Clutches and Brakes

Wichita Clutch

Pneumatic Clutches and Brakes

Wichita Falls, TX - USA
1-800-964-3262

Bedford, England
+44 (0) 1234 350311

Twiflex Limited

Calliper Brakes and Thrusters

Twickenham, England
+44 (0) 20 8894 1161

Industrial Clutch

Pneumatic and Oil Immersed Clutches and Brakes

Waukesha, WI - USA
1-262-547-3357

Gearing

Boston Gear

Enclosed and Open Gearing, Electrical and Mechanical P.T. Components

Charlotte, NC - USA
1-800-825-6544

For application assistance:
1-800-816-5608

Bauer Gear Motor

Geared Motors

Esslingen, Germany
+49 (711) 3518-0

Nuttall Gear and Delroyd Worm Gear

Worm Gear and Helical Speed Reducers

Niagara Falls, NY - USA
1-716-298-4100

Overrunning Clutches

Formsprag Clutch

Overrunning Clutches and Holdbacks

Warren, MI - USA
1-800-348-0881 – Press #1

For application assistance:
1-800-348-0881 – Press #2

Marland Clutch

Roller Ramp and Sprag Type Overrunning Clutches and Backstops

South Beloit, IL - USA
1-800-216-3515

Stieber Clutch

Overrunning Clutches and Holdbacks

Heidelberg, Germany
+49 (0) 6221 30 47 0

Belted Drives and Sheaves

TB Wood's

Belted Drives

Chambersburg, PA - USA
1-888-829-6637 – Press #5

For application assistance:
1-888-829-6637 – Press #7

Engineered Bearing Assemblies

Kilian Manufacturing

Engineered Bearing Assemblies

Syracuse, NY - USA
1-315-432-0700

For information concerning our sales offices in Asia Pacific check our website
www.altramotion.com.cn



www.tbwoods.com

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