





Warner Electric







An Altra Industrial Motion Company

Brakes

Clutches

Torque Limiters

Linear Actuators







Warner Electric is recognized as a global leader in electromagnetic clutch and brake technology.

Warner Electric offers the broadest range of standard, modified and custom-engineered solutions for brake, clutch and linear actuator applications in many industrial markets.

With over 70 years of experience, the Warner Electric brand name provides cost-effective power transmission solutions for applications in diverse industries including elevators, forklift trucks, medical, cranes, medical, printing, transportation and renewable energy.

Quality

As market leaders, Warner Electric continuously invests in people, technology and processes. The company has four manufacturing facilities, two located in France and two in the USA. All four plants are registered to ISO 9001:V2000 ensuring that product design and development, manufacturing and service are of the highest standard.

Our refined manufacturing processes and quality supply chain partners enable us to provide costeffective products that continually meet or exceed customer expectations.

Testing & Research

We offer the capability to produce prototype units for testing and evaluation by clients or using our own computer-controlled testing equipment to simulate the operating conditions of a specific application while shortening product development cycles.

Engineering and Application Expertise

A dedicated team of market-focused engineers and a technically superior manufacturing staff work together to provide customers with high-quality, application-specific power transmission solutions.

We utilize the "voice of the customer" during design and development which helps to ensure that our products meet the customer's precise specifications and performance requirements.



Global Sales and Technical Support

As part of the Altra Industrial Motion family of power transmission companies, Warner Electric provides sales and technical support in over 70 countries around the world including a large dedicated customer service, sales, and distribution operation in North America.









aging/Bottling Tens











A full range of products that meet the performance challenges of industrial drivetrains



Whether it's a large clutch for an offshore installation or a high-speed/high cycle, clutch/brake assembly for a paper handling application, Warner Electric has the "Power of Experience" to provide the latest technology at the lowest cost with minimum lead times.



Clutches designed for smooth, soft starts, fast starts, speed changing, reversing and overload protection. Brakes designed for soft, cushioned stops, fast stops, positioned stops, fail safe stops and load holding. **Clutch/Brakes** designed for rapid cycling, indexing, jogging and soft, smooth starts.



A complete line of **Electric Actuators** is offered for light-duty, general-duty and rugged-duty applications. All are engineered for maintenance-free, long-life service and can be readily customized to suit specific requirements.



Actuator Controls are also available ranging from simple-to-use switch box controls for basic extend/ retract function, to state-of-the-art, microprocessorbased digital electronic controls using SMT design and manufacturing processes.



Standard Clutches and Brakes

- · Electromagnetic, pneumatic, hydraulic or mechanically operated
- Single disc, multi disc, tooth
- Torque range: 1.7 to 81,900 Nm

Spring-Applied Holding Brakes

- Single disc or twin disc
- Adjustable torque
- Dust cover and connector
- Torque range: 5 to 25,600 Nm

Packaged Clutches/Brakes

- Pre-assembled clutch/brakes
- · Electromagnetic or spring-applied
- No wear adjustment
- Torque range: 7.5 to 970 Nm

Torque Limiters

- Friction (single or multi disc)
- Wet or dry use
- · Balls/races or rollers
- Synchronised
- Adjustable torque
- Torque range: 5 to 25,600 Nm

Tension Control Brakes

- Friction
- Magnetic Particle
- Hysteresis
- · Adjustable with wide electronic control offering
- Torque range: 0.07 to 450 Nm

Wrap Spring Clutches and Brakes

Custom and Modified Clutches and Brakes

- Engineered to meet specific customer requirements
- Developed in accordance with regulatory standards
- Electromagnetic, pneumatic, hydraulic or manual
- · Single disc, multi disc, tooth

- Speed range: up to 50 mm/s
- IP 65

95 72 60 ventas@industrialmagza.com



- Dry use
- Single or partial revolution
- Maintenance-free
- Torque range: 3 to 500 Nm

Linear Actuators and Controls

- Acme or ball screw
- Load range: 120 to 9800 N

- High performance motors

63 23 31 MTY (81) 83 54 10 98 ull line of controls

Altra Industrial Motion

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

All Customer Service phone numbers shown in bold

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 Turboflex 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 Chambersburg, PA - USA 1-888-829-6637

Lamiflex Couplings

Flexible Couplings, Bearing Isolators, and Coupling Guards São Paulo, SP - Brasil +55-11-5679-6533

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 Caliper 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 Somerset, NJ - USA 1-732-469-8770

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

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www.warnerelectric.com

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