Power Transmission, Motion Control and Engine Braking Solutions

www.altramotion.com
Premier Industrial Company Leading Brands

Ameridrives
Bauer Gear Motor
Bibby Turboflex
Boston Gear
Delevan
Delroyd Worm Gear
Deltran
Formsprag Clutch
Guardian Couplings
Huco
Jacobs Vehicle Systems
Kilian
Kollmorgen
Lamiflex Couplings
Marland Clutch
Matrix
Nuttall Gear
Portescap
Stieber
Stromag
Svendborg Brakes
TB Wood’s
Thomson
Twiflex
Warner Electric
Warner Linear
Wichita Clutch

Altra is a leading global designer and producer of a wide range of electromechanical power transmission and motion control components and systems. Providing the essential control of equipment speed, torque, positioning, and other functions, Altra products can be used in nearly any machine, process or application involving motion. From engine braking systems for heavy duty trucks to precision motors embedded in medical robots to brakes used on offshore wind turbines, Altra has been serving customers around the world for decades.

Our products are marketed under a variety of well recognized and established brands which, on average, have been in existence for over 85 years. Each of our companies are committed to the guiding principles of the Altra Business System, with relentless focus on continuous improvement and customer satisfaction.
Altra’s Core Values

We win as aligned, capable, and engaged teams
We are committed to providing a secure workplace that develops and leverages the capabilities of our people and encourages their diversity of thought.

Customers inspire our innovation
We relentlessly seek to better understand our customers’ needs and create product and process innovations to help them differentiate.

Go and see is how we lead
We connect directly to the work; we solve problems and make decisions based on knowledge gained from direct process observation.

Continuous improvement is our way of life
We challenge ourselves and our partners to continuously improve as we seek to consistently outperform our competition and exceed our customers’ expectations.

We deliver exceptional value to our stakeholders, communities, and society
We gain our stakeholders’ trust by consistently delivering above-market returns while operating with the highest standards of integrity and engaging proactively to make our local communities better.

The Altra Business System

The Altra Business System is a framework of concepts and methods for driving sustainable competitive advantage. Focusing on a set of Core Value Drivers that reflect our priorities related to Customers, Shareholders, and Associates, we work ceaselessly to improve the flow of value to our customers. We do this by teaching our Associates to utilize a robust set of tools and processes to systematically identify and eliminate waste. This assures that we provide our Customers with innovative solutions at the shortest lead time, highest quality and best possible value. And this leads to consistent, above-market returns to our Shareholders and a work environment that fully stimulates and develops the capabilities of our Associates.
With sales, service, and manufacturing facilities in more than 20 different nations across five continents, combined with industry leading distribution channels, our expanding global presence allows us to provide exceptional customer service and support worldwide.

- Total coverage in over 70 countries
- 53 manufacturing locations worldwide
- Over 400 direct sales experts and 600 product & software engineers
A Global Footprint to Support Customers Around the World
Expertise

Altra Brands Deliver Value

Expertise in standard, modified and custom engineered products, backed by the most recognized brands in the power transmission motion control industry.

Altra’s five main product groups - clutches & brakes, couplings, gearing & specialty components, linear systems and precision motors, drives & controls are backed by over 25 of the industry’s leading brands. On average, our brands have been in operation for over 85 years. The industry knowledge and application expertise developed during this period enables us to deliver unique solutions tailored to meet the most rigorous customer demands.

A History of Successful Mergers and Acquisitions with a Proven Track Record of Consistent Growth

Industry leading brands uniquely positioned to drive innovation, accelerate growth and build value for customers. A premier industrial company driven by the relentless pursuit of continuous improvement and customer satisfaction.
Altra Revenues

*Pro forma LTM revenues for the period ending June 30, 2018
**Electric Clutches & Brakes**
- Brakes
- Clutches
- Clutch/Brake Assemblies
- Wrap Spring
- Micro Clutches
- Custom Engineered Products
- Disc Brakes
- Tension Control Brakes

**Heavy Duty Clutches & Brakes**
- Pneumatic Clutches & Brakes
- Hydraulic Clutches & Brakes
- Caliper Brakes
- Water Cooled Brakes
- Fluid Couplings
- Custom Engineered Products
- Thruster Drum Brakes
- Disc Brakes

**Gear Drives & Gear Motors**
- Worm Gear
- Concentric Helical
- Loose Gearing
- High-Speed
- Parallel Shaft
- Torque Limiters
- Precision Gearheads
- Inline Helical
- Helical Bevel
- Shaft Mounted
- Aseptic Drive
- IE4 Geared Motors
- Helical Worm
- Right Angle

**Engineered Couplings & Universal Joints**
- HP Disc & Diaphragm
- Universal Joints
- Grid & Gear
- Elastomeric
- Precision
- Gear Spindles
- General Purpose
- Locking Devices
- Torque Limiters
- Engine Flywheel
Our comprehensive product offerings include various types of clutches and brakes, overrunning clutches, engineered bearing assemblies, gearing and gear motors along with linear motion products, belted drives, couplings, limit switches, precision motors, drives & controls, miniature motors and engine braking systems.

With thousands of product solutions available, Altra provides true single source convenience while meeting specific customer requirements. Many major OEMs and end users prefer Altra products as their No. 1 choice for performance and reliability.
Market Expertise

Our teams in the field are more than salespeople... they are experienced application specialists who understand your production process and challenges and can recommend the Altra solution to meet your specific requirements.

With over 1,000 associates in sales and marketing, our extensive industry knowledge encompasses virtually every major market.
Elevators
- Commercial Elevators
- Industrial Elevators
- Residential Elevators
- Stair Lifts
- Escalators

Factory Automation
- Precision Control & Safety Requirements
- Industry 4.0
- Internet of Things

Farm & Agriculture
- Mowers
- Fan Drives
- Grain Handling & Drying Equipment
- Pumps
- Seeders & Sprayers
- Combines, Bailers & Harvesters

Medical & Surgical Tools
- Powered Wheelchairs
- Scooters
- Surgical Tools
- X-Ray Tables
- Robotic/Precision Surgery
- Medical Pumps

Metals Market
- Levelers
- Metal Fabrication
- Steel Roll Stands
- Cranes

Mining & Aggregate
- Ball Mills
- Cement Kilns
- Mine Hoists
- Drag Lines
- Mining Shovels
- Conveyors

Transportation
- Class 8 Trucks
- Automotive Seat Bearings
- Off-Road Vehicles
- Light Duty Rail Transmissions

Turf & Garden
- Commercial Lawn Mowers
- Residential Lawn Mowers
- Golf Course Maintenance Equipment
- Utility Vehicles

Water & Wastewater
- Cooling Towers
- Pumps
- Water Filtration
- Wastewater Treatment Facilities
The Brands of Altra 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

**Linear Systems**
- Thomson
  - www.thomsonlinear.com
- Warner Linear
  - www.warnerlinear.com

**Geared Cam Limit Switches**
- Stromag
  - www.stromag.com

**Engineered Bearing Assemblies**
- Killian
  - www.killianbearings.com

**Electric Clutches & Brakes**
- Matrix
  - www.matrix-international.com
- Stromag
  - www.stromag.com
- Warner Electric
  - www.warnerelectric.com
- Deltran
  - www.thomsonlinear.com

**Belted Drives**
- TB Wood’s
  - www.tbwoods.com

**Heavy Duty Clutches & Brakes**
- Twiflex
  - www.twiflex.com
- Stromag
  - www.stromag.com
- Svendborg Brakes
  - www.svendborg-brakes.com
- Wichita Clutch
  - www.wichitachlutch.com

**Gearing & Specialty Components**
- Bauer Gear Motor
  - www.bauergears.com
- Boston Gear
  - www.bostongear.com
- Delevan
  - www.delevan.com
- Delroyd Worm Gear
  - www.delroyd.com
- Nuttall Gear
  - www.nuttallgear.com

**Engine Braking Systems**
- Jacobs Vehicle Systems
  - www.jacobsvehiclesystems.com
- Kolmorgen
  - www.kolmorgen.com

**Precision Motors & Automation**
- Portescap
  - www.portescap.com

**Miniature Motors**
- Portescap
  - www.portescap.com

**Overrunning Clutches**
- Formsprag Clutch
  - www.formsprag.com
- Marland Clutch
  - www.marland.com
- Steber
  - www.stieberclutch.com

A Global Footprint to Support Customers Around the World

- Altra Headquarters
- Altra Engineering & Service Centers
- Altra Manufacturing Facilities

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