

Warehousing

Distribution Centers

Baggage Handling

Mining

Metals Processing

Mail Handling

Pharmaceuticals

General Manufacturing

Electronics

Construction

Aggregate

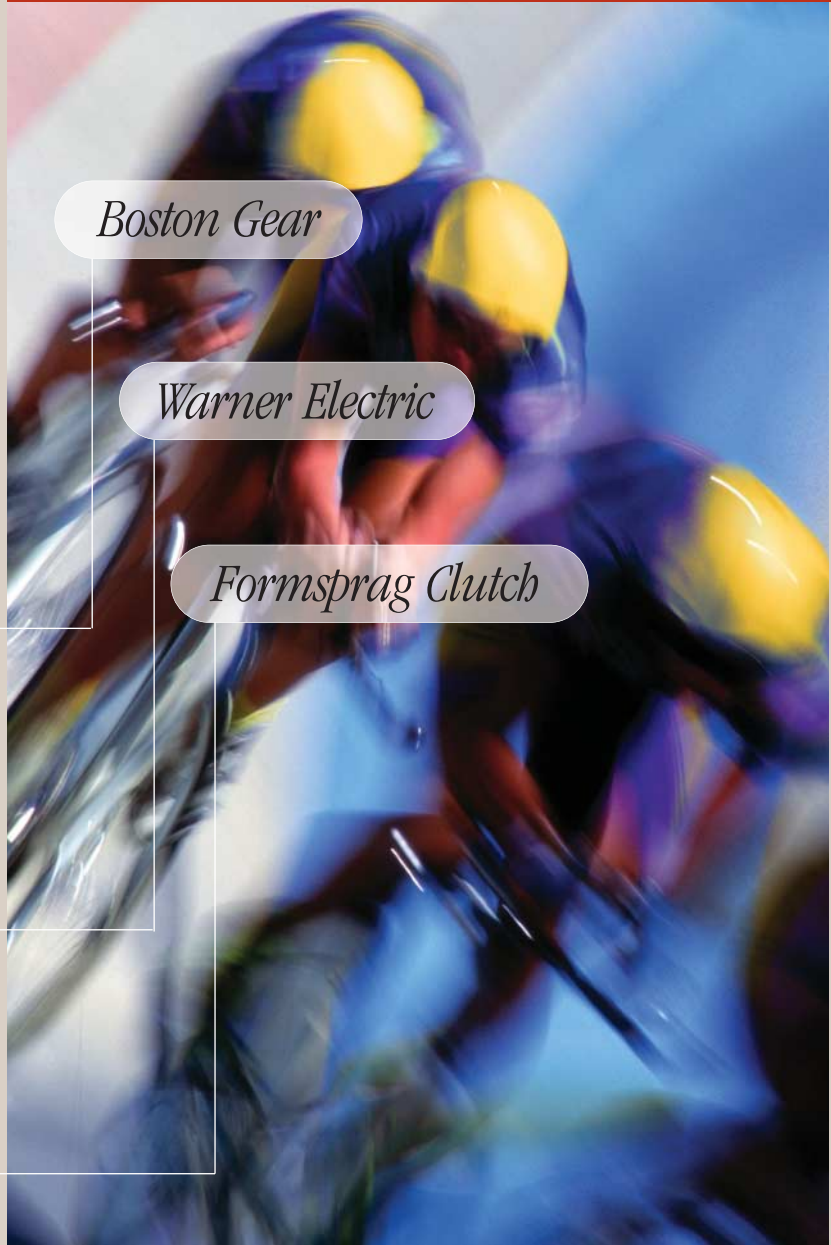
Textiles

Agriculture

# Power Transmission Products for the Material Handling Industry



**The  
industry-leading  
brands in  
power transmission  
are on the same  
team**



*Boston Gear*

*Warner Electric*

*Formsprag Clutch*

**Altra Industrial Motion provides  
single-source convenience and  
world-class service**

Altra Industrial Motion, a Genstar Capital company, is committed to carrying on the legacy of it's powerful line-up of industry leading brands in clutch/brake components, special purpose clutch assemblies, speed reducers, gear drives and more for material handling applications. We provide innovative power transmission solutions based on:

- Extensive application knowledge
- Largest array of products
- Award-winning design advantages
- Proven product performance



**Get comprehensive engineering support with our material handling application expertise and advanced technology**

In virtually every manufacturing industry the pressures have never been greater to streamline workflow and move products with extreme efficiency. Altra Industrial Motion material handling solutions maximize uptime, increase accuracy and reduce overall cost of ownership in a wide range of custom applications.



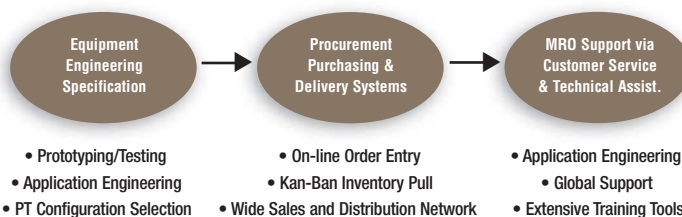
With state-of-the-art equipment at our disposal like the UniGraphics solid modeling design package, models can be generated quickly, expediting the initial phases of the design and sales process. Our experienced CAD design teams can create simple models, like standard, modular worm gear speed reducers, for high volume projects as well as complex models for small or large scale custom jobs. Each of these is an area of expertise for us. Combined with rapid prototyping technology for full scale evaluation, you can be confident that the product you get is the product you wanted.

*Proud members of*



**We're Committed to the Material Handling Industry**

Driven by the Voice of The Customer (VOC), Altra brings you the competitive edge of a culture which emphasizes complete support from initial application engineering to follow-through training and world class customer service assistance.



**The Driving Force: The Altra Business System**

All our business units subscribe to a standard of quality derived from the Altra Business System (ABS), a series of progressive manufacturing methods designed to continuously improve power transmission production and implemented to ensure that we provide the consistently superior products in demand from today's industrial marketplace.



MEX (55) 53 63 23 31 MTY (81) 83 54 10 18  
 QRO (442) 1 95 72 60 ventas@industrialmagza.com

# Material Handling

**Applications**

- Lifting/Raising
- Tilting
- Moving/Transporting
- Positioning
- Picking/Placing
- Accumulating/Buffering
- Starting/Stopping
- Sensing
- Reversing
- Turning
- Lowering
- Inclining/Declining
- Indexing
- Controlling

**Functions**

- Speed Reduction
- Speed Variability
- Speed Control
- Speed Increase
- Torque Enhancement
- Mechanical Power Transfer
- Gear Reduction
- Stopping/Braking
- Soft Start/Stop
- Slipping
- Backstopping
- Overrunning
- Overload Protection
- Holding



## Conveyors & Conveying Systems

Altra's proven power transmission solutions are preferred and applied in a variety of conveyor applications in harsh environments and under difficult operating conditions. Our gear reducers are robust and ideally suited for use in unit handling conveying applications while our clutch/brakes provide controlled starts & stops, indexing, backstopping and zone control.

- Unit Handling:** Live roller, roller, indexing, belt, accumulating palletizing, power & free, table-top chain, skate-wheel, sortation, sanitary (FDA), magnetic (Chip), gravity, slat, lift & turn, overhead, under-floor
- Bulk Handling:** Inclined, aggregate, bucket, spiral, screw/auger, trough, vibratory, metering, pneumatic



## Cranes & Hoists

Heavy-duty, overhead lifting and transport applications are no problem. Our gear reducers provide controlled lifting and lowering at the right speed and torque. Our clutch/brakes ensure a safe and repeatable operation to meet vertical lift and hold requirements.

- Cranes:** Articulating, boom, bridge, cantilever, double girder, jib, mobile
- Hoists:** Air, chain, electric, wire-rope, winches, ratchet lever, telescopic



## Forklift Trucks

We offer a broad range of products to meet the needs of all types of forklift truck applications including electrically released holding brakes, spring-set parking brakes and electrohydraulic stopping brakes designed to provide quiet operation and constant braking distance regardless of load variations.

- Class I Forklift Trucks
- Class II Forklift Trucks

## Get it together with Altra Industrial Motion Team Altra

We make it quick and easy for you to find and get the products that meet your power transmission requirements.

### Check Us Out Online

Simply visit any one of our comprehensive online resources to view interactive eCatalogs, download CAD drawings and specifications, view and print PDF pages, submit an RFQ and much more. Plus you can get the details regarding Warner Electric's "Premier Delivery Service" and Boston Gear's and Formsprag Clutch's "Guaranteed Same Day Shipment" programs.

[www.bostongear.com](http://www.bostongear.com)

[www.warnerelectric.com](http://www.warnerelectric.com)

[www.formsprag.com](http://www.formsprag.com)

### Superior Customer Service and Application Support... Worldwide



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 right power transmission solution. Our customer service and tech support teams, located in different time zones to better serve customer needs, are ready to help.

### Extensive Training Programs

We offer a wide variety of training opportunities to help you become familiar with all of our product lines, specifications and typical applications. Whether it's in one of our facilities or at your plant or office, we can put the right training program together to meet your needs.



## Altra Industrial Motion

### **Warner Electric**

*Electromagnetic Clutches  
and Brakes - USA*

South Beloit, IL 61080  
815-389-3771

For application assistance:  
1-800-825-9050

*Electromagnetic Clutches  
and Brakes - Europe*

Allonnes, France  
+33 (0)2 43 43 63 63

*Precision Electric Coils - USA*

Columbia City, IN 46725  
260-244-6183

### **Boston Gear**

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

Quincy, MA 02171  
617-328-3300

For Customer Service:  
1-888-999-9860

For Application Assistance:  
1-800-816-5608

### **Formsprag Clutch**

*Overrunning Clutches  
and Holdbacks*

Warren, MI 48089  
586-758-5000

For application assistance:  
1-800-927-3262

### **Stieber Clutch**

*Overrunning Clutches  
and Holdbacks*

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

### **Marland Clutch**

*Roller Ramp and Sprag Type  
Overrunning Clutches  
and Backstops*

Warren, MI 48089  
630-455-1752

### **Nuttall Gear and Delroyd Worm Gear**

*Worm Gear and  
Helical Speed Reducers*

Niagara Falls, NY 14302  
716-731-5180

### **Wichita Clutch and Industrial Clutch**

*Pneumatic and Oil Immersed  
Clutches and Brakes - USA*

Wichita Falls, TX 76302  
940-723-3400

*Pneumatic Clutches  
and Brakes - Europe*

Bedford, UK  
+44 (0)1234 350311

### **Ameridrives Couplings**

*Gear Couplings, Mill Spindles,  
Universal Joints*

Erie, PA 16512  
814-480-5000

### **Altra Industrial Motion - Asia Pacific**

China 8621 6248 0452

Taiwan 886 2 2577 8156

Singapore 65 487 4464

Thailand 66 2 322 0481

Australia 612 9894 0133



**The Power of Experience**



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