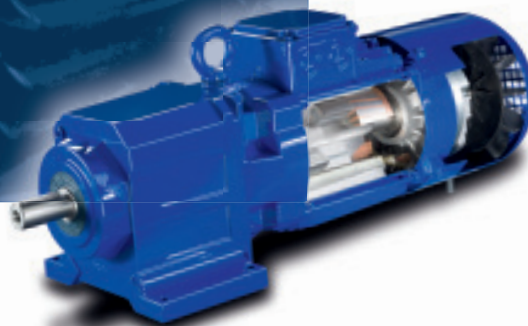




**Bauer Gear Motor**  
Your driving  
power since  
1927



 **Bauer**<sup>®</sup>  
Gear Motor  
*An Altra Industrial Motion Company*

## HISTORY

### Innovation since 1927

In 1927 Esslingen entrepreneur Wilhelm Bauer began to free tooling and production machines from the need for cumbersome transmission shafts. He made the ingenious idea of the geared motor a reality, equipping a high speed electric motor with a gear wheel mechanism using the appropriate gear ratio. In the several decades since then, a knowledge base has been formed and is constantly being added to and passed on. It is not without reason that the Bauer brand has grown in world renown; and Bauer continues to build extremely efficient geared motors today. Bauer pioneered many geared motor solutions and no doubt will continue to do so in the future. We are proud of the structures that we have built up while making our experience available to our customers, both

technically and application specifically.

We offer application specific solutions for many sectors on the basis of our modular geared motor programme. Our aim is to tailor the product to our customers' needs, whilst paying attention to the requirement for a geared motor solution to achieve economies throughout its entire life cycle.

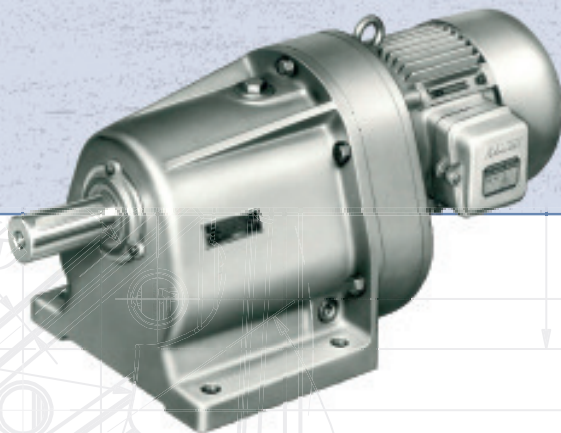
Low energy consumption, for example, will be particularly significant in the future if low life cycle costs are to be achieved. For this reason the geared motors that Bauer produces today are already equipped with highly efficient permanent magnet motors. This makes us confident of being the pioneer, in today's world as in 1927!

Our geared motors are used in many different fields. Examples of sectors with special focus are:

- Metal production (Basic Metal)
- Food and Beverage
- Crane, Lift, Hoist
- Bulk Material Handling

and many other sectors - water, wastewater and environmental technology plus textile and chemicals industry.

Bauer Gear Motor is a member of the power transmission specialist group, Altra, with an annual turnover of more than 740 million USD within electro-mechanical drive train solutions. Bauer geared motors are available all over the world and we are able to offer a drive solution for the complete electro-mechanical drive train.







**1927** On 21 March Wilhelm Bauer takes over an electro motor factory in Esslingen, Germany. The concept of the geared motor started establishing itself.

**1936** Wilhelm Bauer passed away on 16 January 1936. His 21 year old son Eberhard had to take over the company.

**1947** Inauguration of the first external office in Düsseldorf, Germany. Another 21 offices were to follow.

**1959** Foundation of the first subsidiaries abroad (Belgium).

**1962** Eberhard Bauer acquires a small motor factory in Munich, Germany.

**1969** Delivery of geared motor number 1 million produced after the War.

**1971** New premises are inaugurated in the Munich suburb Unterschleißheim.

**1973** Bauer starts establishing assembly factories abroad. Most of these premises are owned by the company Bauer.

**1980** The starting signal for a new generation of geared motors - the G-series.

**1984** Eberhard Bauer dies at the age of 69. His son Rainer takes over together with two equal managing directors.

**1987** The old date processing equipment is replaced by an IBM 4381 with a core memory capacity of 16 MB. There are a total of 74 screen workplaces.

**1994** Value analytical principles form part of the development at Bauer.

**1997** The launch of four completely new series under the name »BAUER 2000«.

**2002** Start of production in Zlate Moravce Slovakia.

**2011** Bauer becomes the newest brand in the Altra Industrial Motion Company. Bauer Gear Motor GmbH is born.



# PRODUCT PLATFORM

Machine

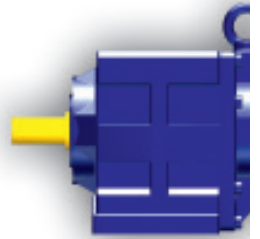
## Transmission Elements

Simple mechanical connection to your machine



## Geared

Low complexity through i



### Modular Standard

- Conveying
- Material Handling



### Application Specific Standard

- Food & Beverage
- Basic Metal
- Industries



### Customer Specific Standard

- Customer specific drive solutions



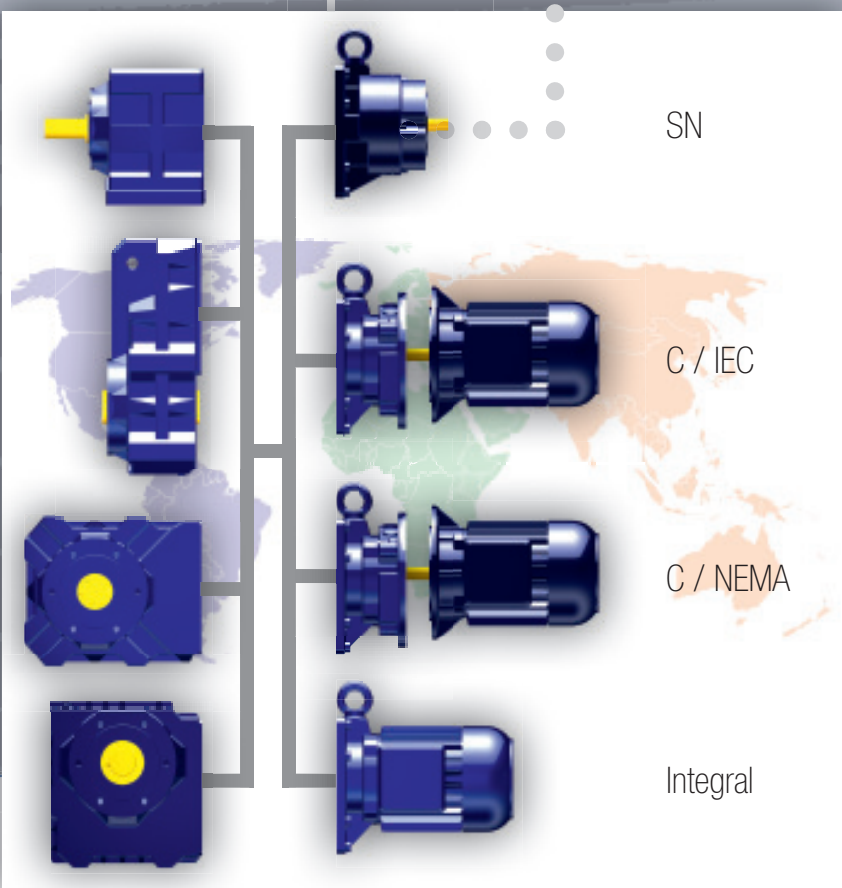
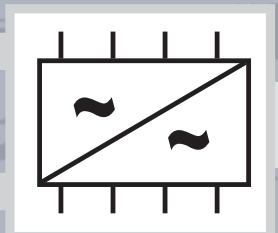
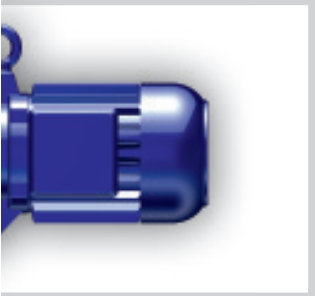
## Motors

Intelligent modular system

## Control Electronics

Open systems for your application

Mains Supply





## MARKETS AND APPLICATION



### WATER

#### Industry

Waste Water Treatment

#### Application

Mixers, Pumps



### FOOD & BEVERAGE

#### Industry

Food & Beverage

#### Application

Conveyor Drive



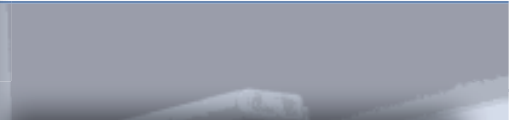
### SPECIALITY MACHINERY

#### Industry

Textile

#### Application

Carpet Machine



## METALS & MINING

### Industry

Surface Minerals

### Application

Traction & Conveyor Drive

## BASIC METAL

### Industry

Steel Processing

### Application

Roller Table Drive

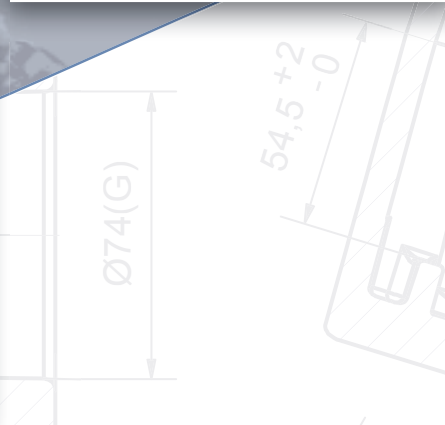
## MATERIAL HANDLING

### Industry

Crane and Hoist

### Application

Horizontal and vertical movements





# MANUFACTURING EXCELLENCE



**Customized components**



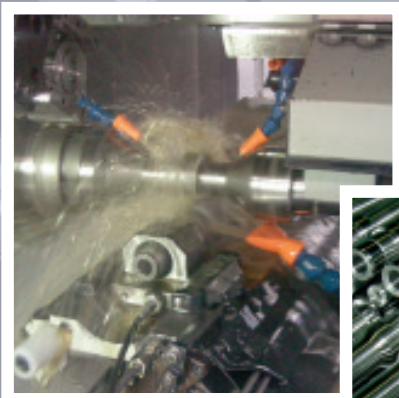
**Design and assembly of technologically advanced geared motors**



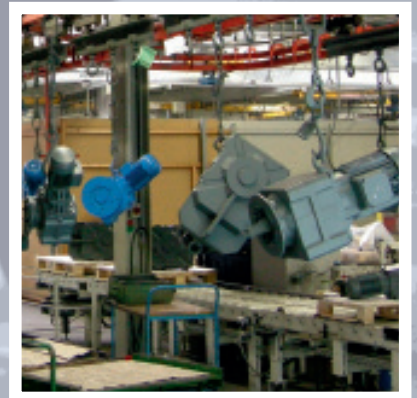
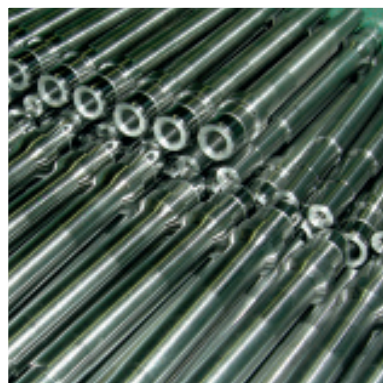
## LEAN MANUFACTURING

### Bauer Operational Excellence

Unique capability to dramatically improve customer response time in a low volume high mix environment



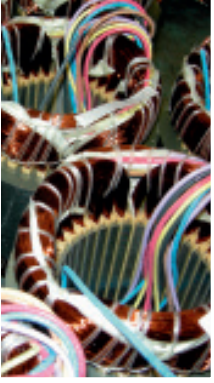
**Machined parts**



**Over 1 million variations with a standard delivery time less than 2 weeks**







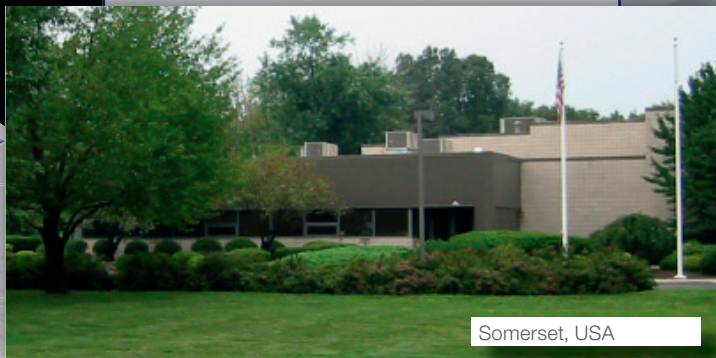
Esslingen, Germany



Zlaté Moravce, Slovakia



Shenzhen, China



Somerset, USA

ed motor  
nts



## ALTRA GLOBAL PRESENCE

**A global footprint to support customers around the world**

**26 manufacturing locations worldwide**

**Direct sales coverage in over 25 countries**



- Altra Headquarters
- Altra Manufacturing Facilities
- Altra Asia Pacific Offices

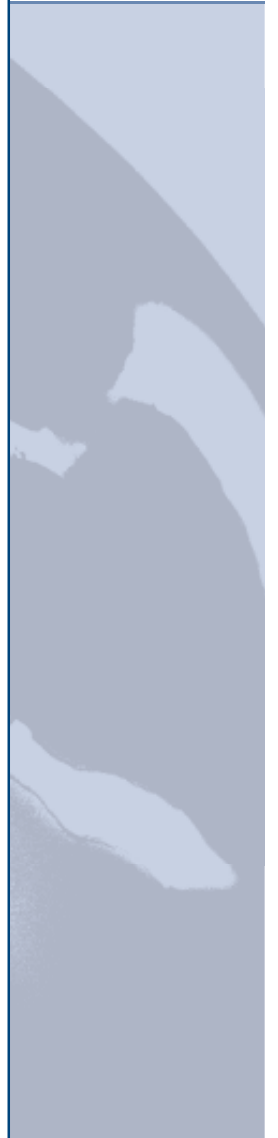
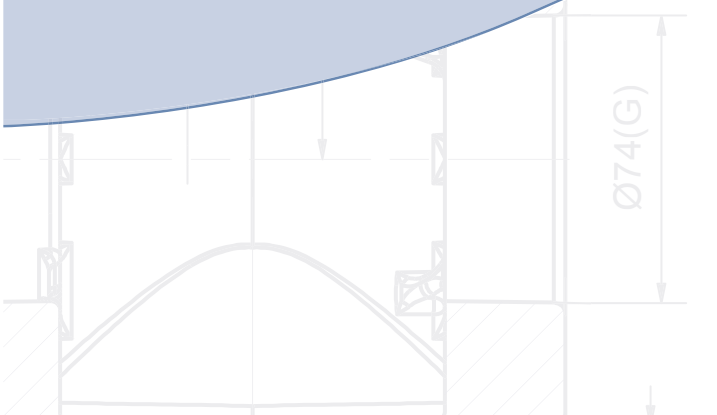
**Total coverage in over 70 countries via extensive distributor network**



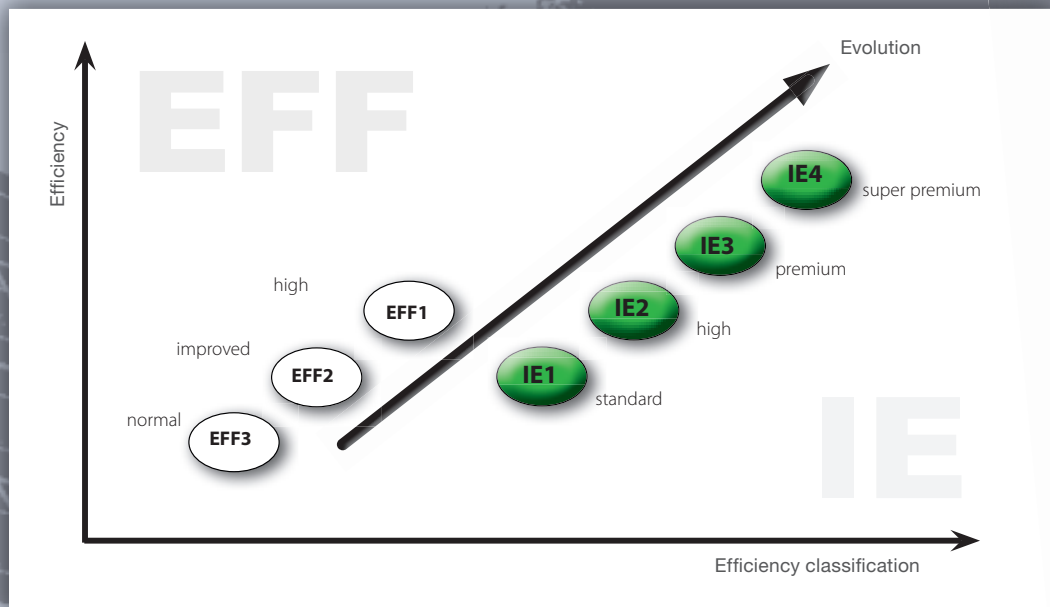
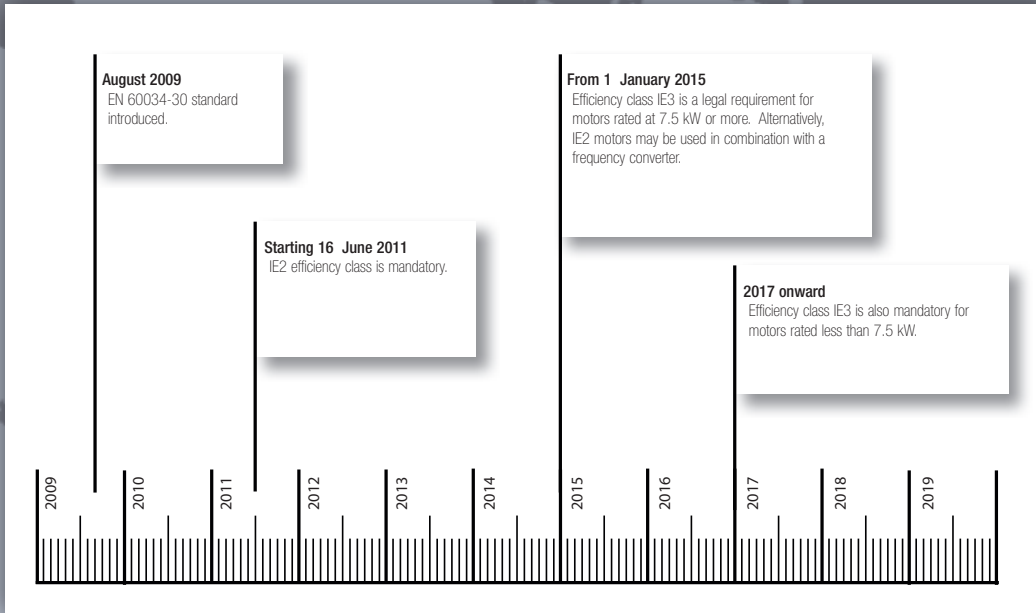


**ive distributor network**

**We are a leading  
global designer  
and manufacturer  
of engineered  
electronical power  
transmission  
components utilized  
in a wide variety of  
industrial drivetrain  
applications.**



# ENERGY EFFICIENT SOLUTIONS







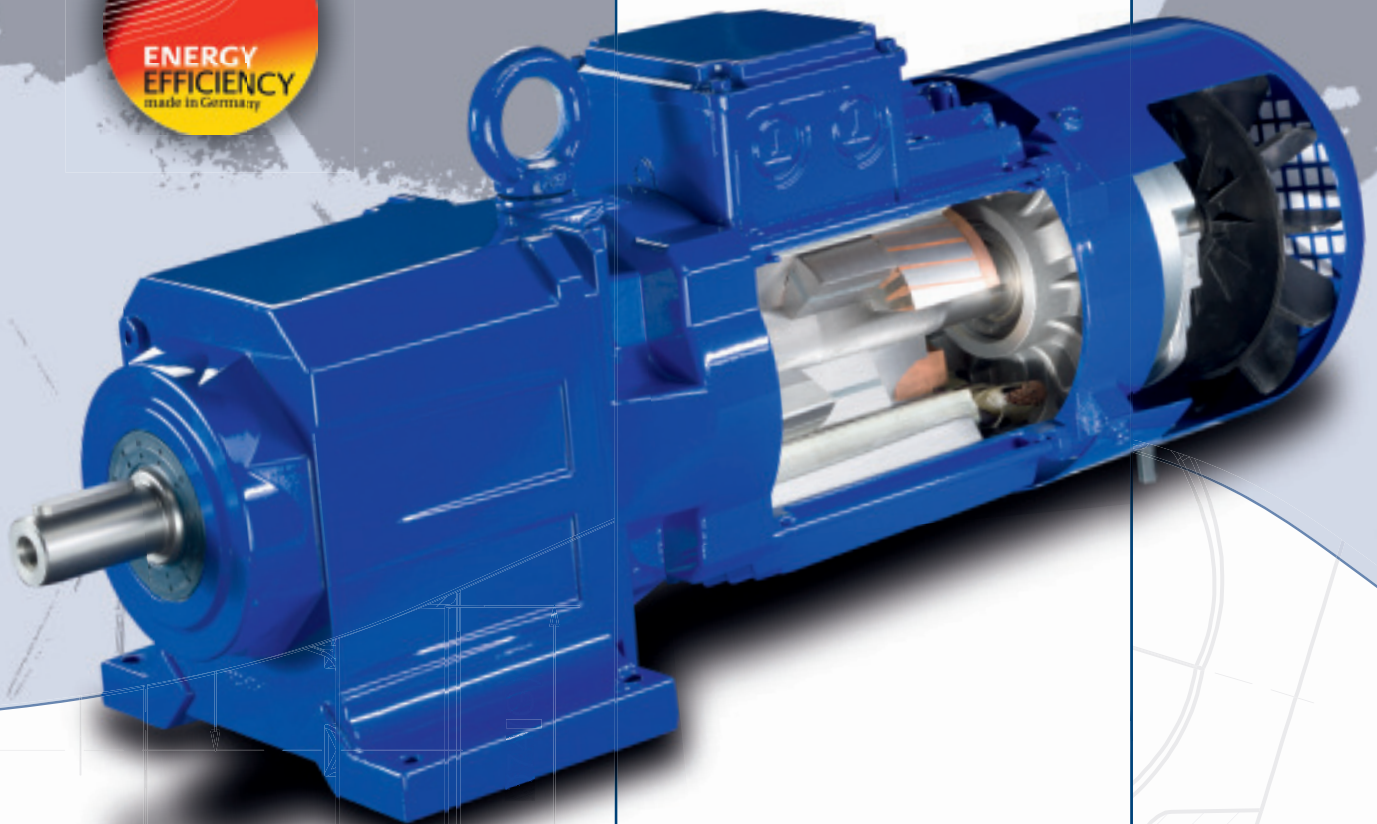
**IE4**



**Modular motor concept –  
One platform**

**Super premium motors for  
explosion proof applications**

**Energy savings exceed 30%**



## THE GEAR MOTOR SPECIALIST

One global design specification supports customers around the world

Products meet or exceed government established energy efficiency requirements

Multiple specialized market focused products



**Bauer**  
**Gear**

*An Altra*



**Strong custom  
engineered design  
capabilities**



**ier<sup>®</sup>**  
**r Motor**

*Industrial Motion Company*

**The original gear  
motor introduced  
in 1927**

**Technical, engineering  
oriented global sales  
organization**



Ø74(G)

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  
1-800-829-6637

##### Lamiflex Couplings

*Flexible Couplings, Bearing Isolators,  
and Coupling Guards*

São Paulo, SP - Brasil  
(11) 5679-6533

#### 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

#### 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

#### 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

#### 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

*Gearred 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

#### 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

#### Bauer Gear Motor

##### Bauer Gear Motor GmbH

Eberhard-Bauer-Strasse 36-60  
73734 Esslingen - Germany

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+49 711 3518 381 (Fax)  
www.bauergears.com

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953 01 Zlate Moravce - Slovakia

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+421 37 6926181 (Fax)  
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CW7 3BS - United Kingdom

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+44 1606 868603 (Fax)  
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Somerset NJ 08873-1212 - USA

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+1 732 469 8773 (Fax)  
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Guangdong Province  
518104 Shenzhen City - China

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