

**Industrial Drive
Applications**
Subject specific
competence for
your application



 **Bauer®**
Gear Motor

An Altra Industrial Motion Company



Our customers require much more from us than simply application-specific products in order to convince them of our value proposition for specialised application areas. What tips the scales here is the fact that our employees have excellent user knowledge of customer applications, over and above their technical expertise in drive technology. The decision-making processes in these specific sectors can often be very time-consuming, which means that constant development work and sustained customer support is therefore required. That is why **Bauer Gear Motor** has decided to set up a specialist

sales organisation for specific business areas - **Industrial Drive Applications (IDA)**.

The business areas where **Bauer Gear Motor** has been **recognised as a specialist for many years** include the following industries:

- Metals
- Food and Beverage
- Crane Technologies
- Bulk Material Handling
- Waste and Wastewater Treatment
- Textile Machinery
- Chemicals

Our experts have already operated well beyond European borders in the past, and they will continue to do so as your direct contact with a global sales responsibility.

This sales model, coupled with our product strategy, is reflected in our success and our customers' satisfaction, through...

WHAT WE OFFER

- Over 85 years of experience in drive technology
- Advice from drive technology specialists
- A high level of engineering expertise for custom drive solutions
- A high level of application expertise
- Global availability
- Exceptional flexibility
- A broad product spectrum
 - Pioneering technologies for energy-efficient drives
 - Industrial Gearboxes - powerful, reliable and flexible
 - Industrial Couplings
 - Sector-specific solutions as standard

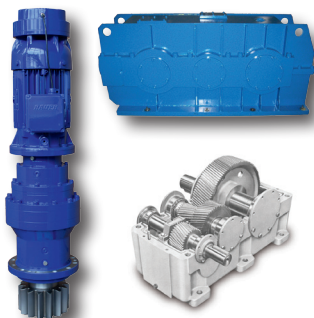
THE BENEFITS FOR YOU

- A partner on your side:
 - that speaks your language
 - that understands you
 - that gives top priority to customer satisfaction
- More added value by using:
 - The Bauer brand, with
 - a good reputation worldwide
 - sturdy and durable drives
 - a high enclosure protection rating of IP65 as standard lying above the market standard
 - extremely high quality awareness
 - Products that are tailored to your applications and give you the benefit of:
 - our expertise as drive manufacturers for over 85 years
 - our knowledge of the industry
 - Higher flexibility
 - adaptation of standard drives to your needs
 - fast time to market for product launch with custom drive solutions (SSD)
- Expert advice for fully exploiting potential energy savings
- Acquiring technology leadership by using IE4 motors
- Achieving investment security by complying with statutory provisions for energy efficiency extending beyond 2017



Geared Motors

- | | | |
|-------------------|--|-----------------|
| • BG-Series | Helical geared motor range | up to 18.500 Nm |
| • BF-Series | Parallel shaft geared motor range | up to 18.500 Nm |
| • BK-Series | Bevel geared motor range | up to 18.500 Nm |
| • BS-Series | Worm geared motor range | up to 1.000 Nm |
| • BM-Series | Monorail geared motor range | |
| • Eta-K-Series | Built-on Inverter range | |
| • Aseptic™-Series | Hygienic geared motor range | |
| • IE-Series | IE1, IE2, IE3, high efficiency motor range | |
| • PM-Series | IE4, permanent magnet motor range | |



Industrial Gearboxes

- | | | |
|-----------------------------|--------------------|--------------------|
| • Helical gearbox GS | up to 300.000 Nm | 1 to 5 stages |
| • Bevel helical gearbox GKS | up to 300.000 Nm | 1 to 5 stages |
| • Planetary gearbox GP | up to 1.500.000 Nm | 1 to 5 stages |
| • Bevel gearbox | up to 10.000 Nm | i = 1:1 to i = 1:6 |
| • Customer specific gearbox | | |



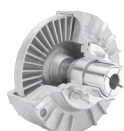
Industrial Couplings

- | | |
|---------|-----------------|
| • Bibby | Gear Couplings |
| • Bibby | Grid Couplings |
| • Bibby | Torque Limiters |



Heavy Duty Couplings

- | | |
|---------------|------------------------------|
| • Ameridrives | Americardan® |
| • Ameridrives | Turboflex GC® Disc Couplings |
| • Ameridrives | Amerigear |



Fluid Couplings

- | | |
|-----------|-----------|
| • Wichita | Mesur-Fil |
|-----------|-----------|



Flexible Couplings

- | | |
|-------------|------------|
| • TB Wood's | Sure-Flex® |
| • TB Wood's | Dura-Flex® |
| • TB Wood's | G-Flex |

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

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

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

+49 711 3518 0
+49 711 3518 381 (Fax)
www.bauergears.com

Bauer Gear Motor Slovakia s.r.o.

Tovarenská 49
953 01 Zlate Moravce - Slovakia

+421 37 6926100
+421 37 6926181 (Fax)
www.bauergears.com

Bauer Gear Motor Limited

Nat Lane Business Park
Winsford, Cheshire
CW7 3BS - United Kingdom

+44 1606 868600
+44 1606 868603 (Fax)
www.bauergears.com

Bauer Gear Motor LLC

31 Schoolhouse Rd.
Somerset NJ 08873-1212 - USA

+1 732 469 8770
+1 732 469 8773 (Fax)
www.bauergears.com

Altra Industrial Motion (Shenzhen) Co., Ltd.

18 Huan Zhen Road Dabo
Industrial Zone - BoGoang Village
ShaJing Town - BaoAn District
Guangdong Province
518104 Shenzhen City - China

+86 755 27246308
+86 755 27246017 (Fax)
www.bauergears.com

Bauer assumes no liability or responsibility for misprints and errors in catalogues, brochures and other printed documentation. Bauer reserves the right to make changes to products without prior notice, including to products that have already been ordered, unless contractual technical specifications are affected by such changes. All trademarks in these publications are the sole and exclusive property of the relevant companies. Bauer and the Bauer logo are trademarks of Bauer Gear Motor GmbH. All rights reserved.



www.bauergears.com

Eberhard Bauer Straße 36-60
73734 Esslingen - Germany
Tel: +49 711 3518-0
Fax: +49 711 3518-381

P-7159-BGM-EN-A4 0313