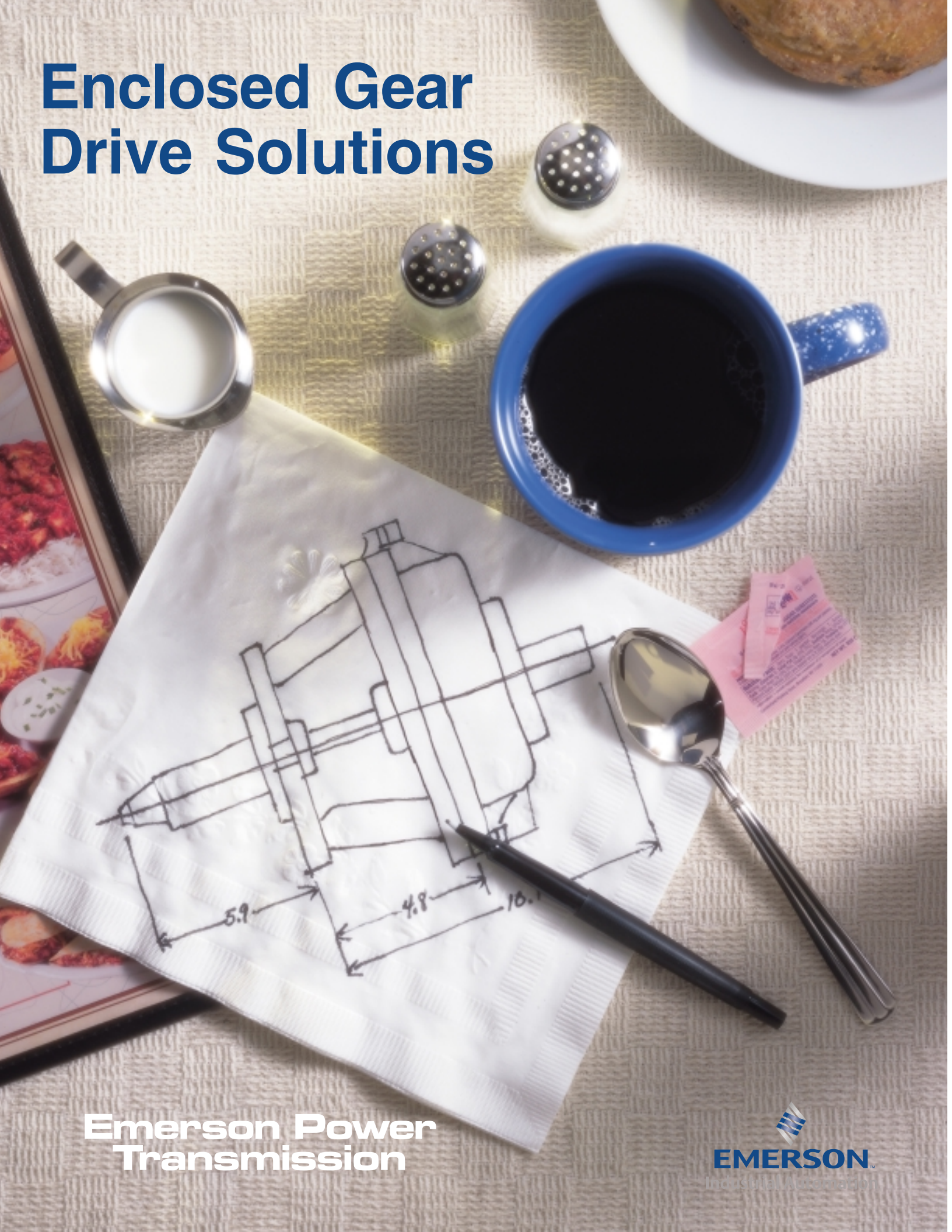


Enclosed Gear Drive Solutions



**Emerson Power
Transmission**

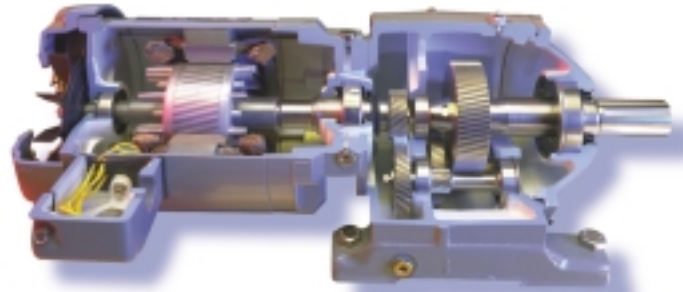

EMERSON
Industrial Automation

Complete Gearing Solutions...

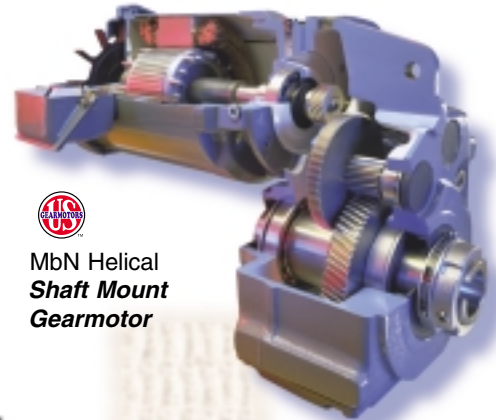
Emerson Power Transmission Has the Industry's Broadest Line of Standard Gearmotors and Speed Reducers



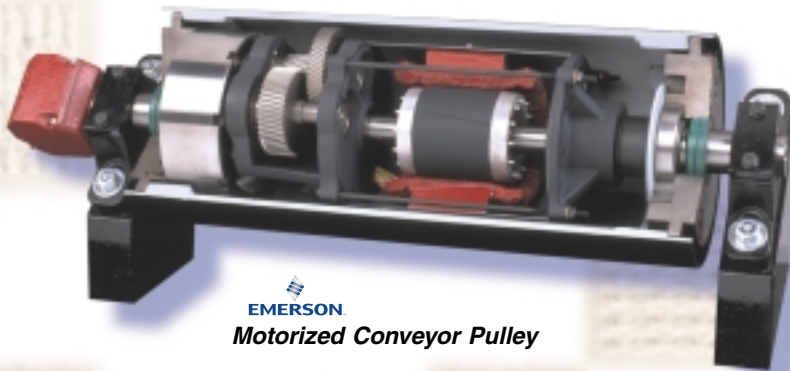
Morse
Cobra™ *Worm Gear Reducer*



US GEAR MOTORS
CbN Inline
Concentric Gearmotor



US GEAR MOTORS
MbN Helical
Shaft Mount Gearmotor



EMERSON
Motorized Conveyor Pulley



Morse
PowerRgear®
Worm Gear Reducer



Browning
Power-Match Plus
Helical Parallel Shaft Gear Reducer



Browning
Helical
Shaft Mount Speed Reducer

STANDARD SOLUTIONS

One Source

MODIFIED STANDARD SOLUTIONS

From Specification Review to Gear Type Selection and Design Modification

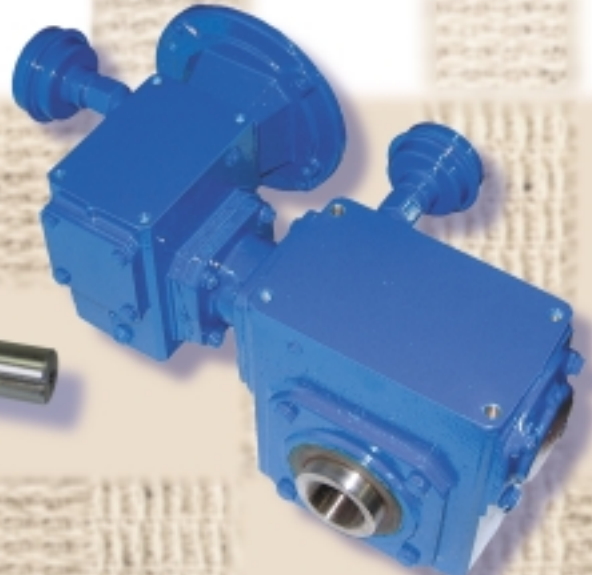
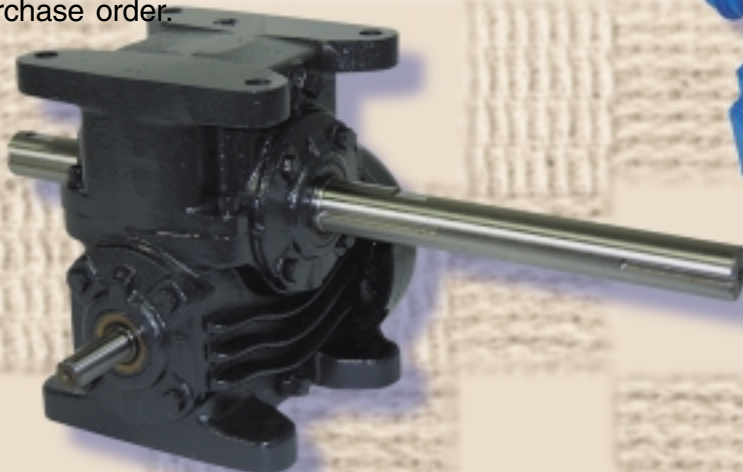
Emerson Power Transmission has the capability to analyze your requirements and select the ideal gearbox. We will incorporate every aspect of your operational needs into gear selection or design and recommend a comprehensive solution to any problem.



In addition to your standard or custom speed reducer requirements, Emerson Power Transmission can also design and supply complete drive systems including:

- Emerson motors and controls
- Browning belt drives and accessories
- Morse clutches and chain drives
- Kop-Flex couplings
- Sealmaster bearings
- Van Gorp material handling components

Single source responsibility results in an efficient, smoothly operating drive, one warranty and one purchase order.



A Tradition of Leadership in Custom Gearing

Emerson Power Transmission's gearing business is a world leader in innovative gearbox design and technology. We have over 65 years of experience in custom gearing design.

As your partner in product development, we offer state-of-the-art capabilities to insure you get the best gearbox for each application. Speedy prototyping, 3-D modeling, extensive R & D and testing facilities, and fast pilot production shorten your time to market.

A Packaged Drive System for Your Specific Application

Emerson Power Transmission has an extensive track record, with a wide array of gear types, shaft configurations, ratios, housing materials and mounting methods, providing you the most efficient gearbox for each job. We work with your specific requirements and engineer the exact gearbox where a standard, off-the-shelf gearbox simply isn't sufficient.

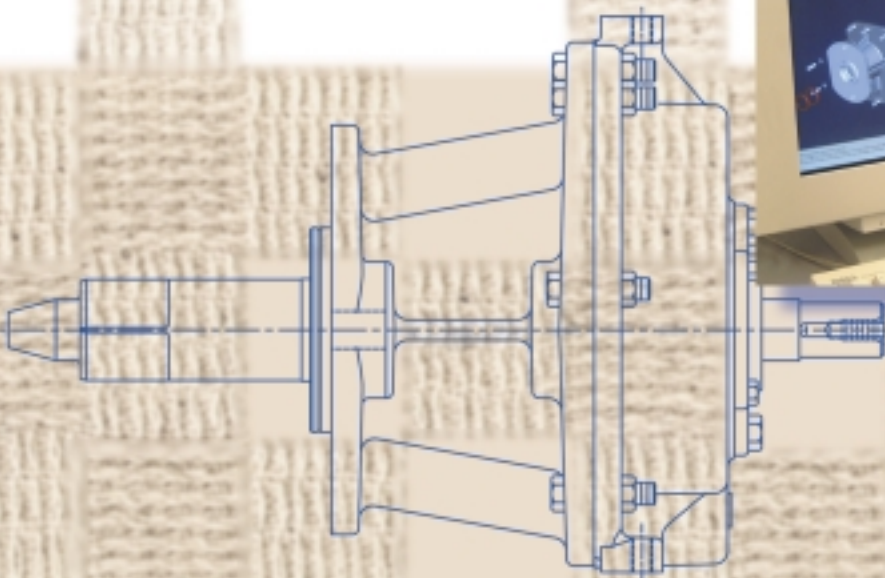
Broad Size Range

Emerson Power Transmission can design and build custom speed reducers to almost any gear ratio and load capacity you might need. Helical gear units can be designed from 100 inch lbs. to over 11,000,000 inch lbs. of torque. Worm gear units can be specified for under 100 inch lbs. of torque to over 132,000 inch lbs. of torque.

Service Before and After the Sale

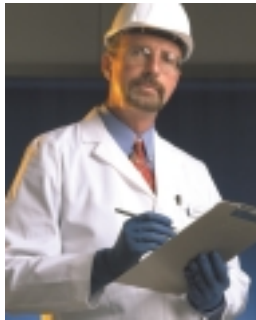
Emerson Power Transmission engineers and service technicians are available upon request for on-site application review and product specification assistance.

Installation and start-up assistance is also available, as well as in-field training of assembly, maintenance and service personnel.



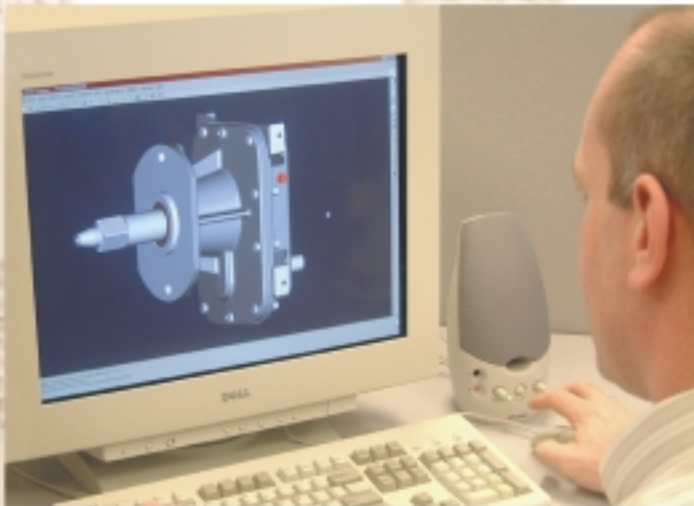
Engineering and Design Support Services

- Design Evaluation
- Dimensional Layout
- Pro-E 3-D Modeling
- Prototype Shop
- On-Staff Metallurgy
- Finite Element Analysis (FEA)
- Manufacturability Review
- Corrosion Salt/Fog Test Review
- Tension/Compression Test Facility
- Bearing Technology Center
- On-Site Supervision of Installation



Custom Motor and Gear Modifications

- Waterproof/Dust-tight/Explosion-proof Enclosures
- Special Voltages
- Thermal Protection
- Gear Reducers for Washdown and Corrosive Environments (Including USDA Approved Paint)
- Gear Capabilities up to 60" Diameter and 17" Face
- Special Nameplates Stamped with Custom Marking

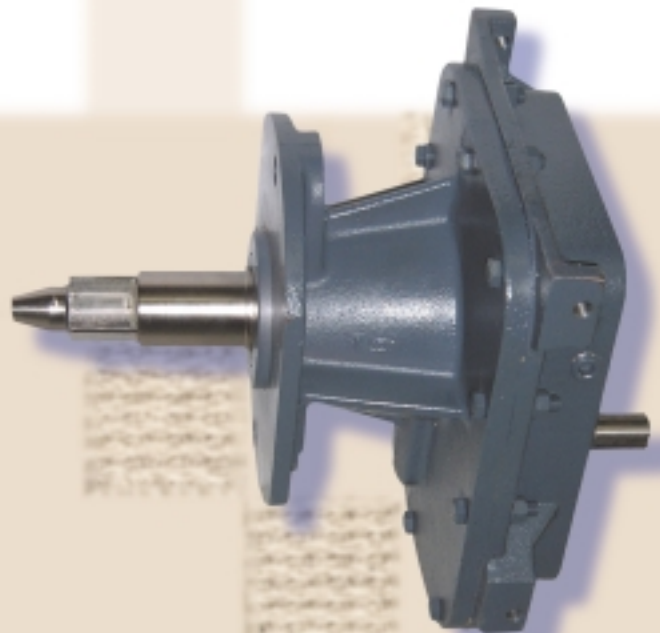


Key Technical Resources

- Edison Welding Institute
- AGMA
- Emerson Asian Engineering Center
- Emerson Software Center for Excellence
- Emerson Motor Technology Center
- Emerson Advanced Design Center at Battelle Labs

eCommerce Capabilities — Savings Through Electronic Efficiencies

- Fully Interactive Relationship Capability
- Paperless Order Processing
- Purchase Order Acknowledgement
- Customer Planning Schedules
- Advance Ship Notices
- Invoicing

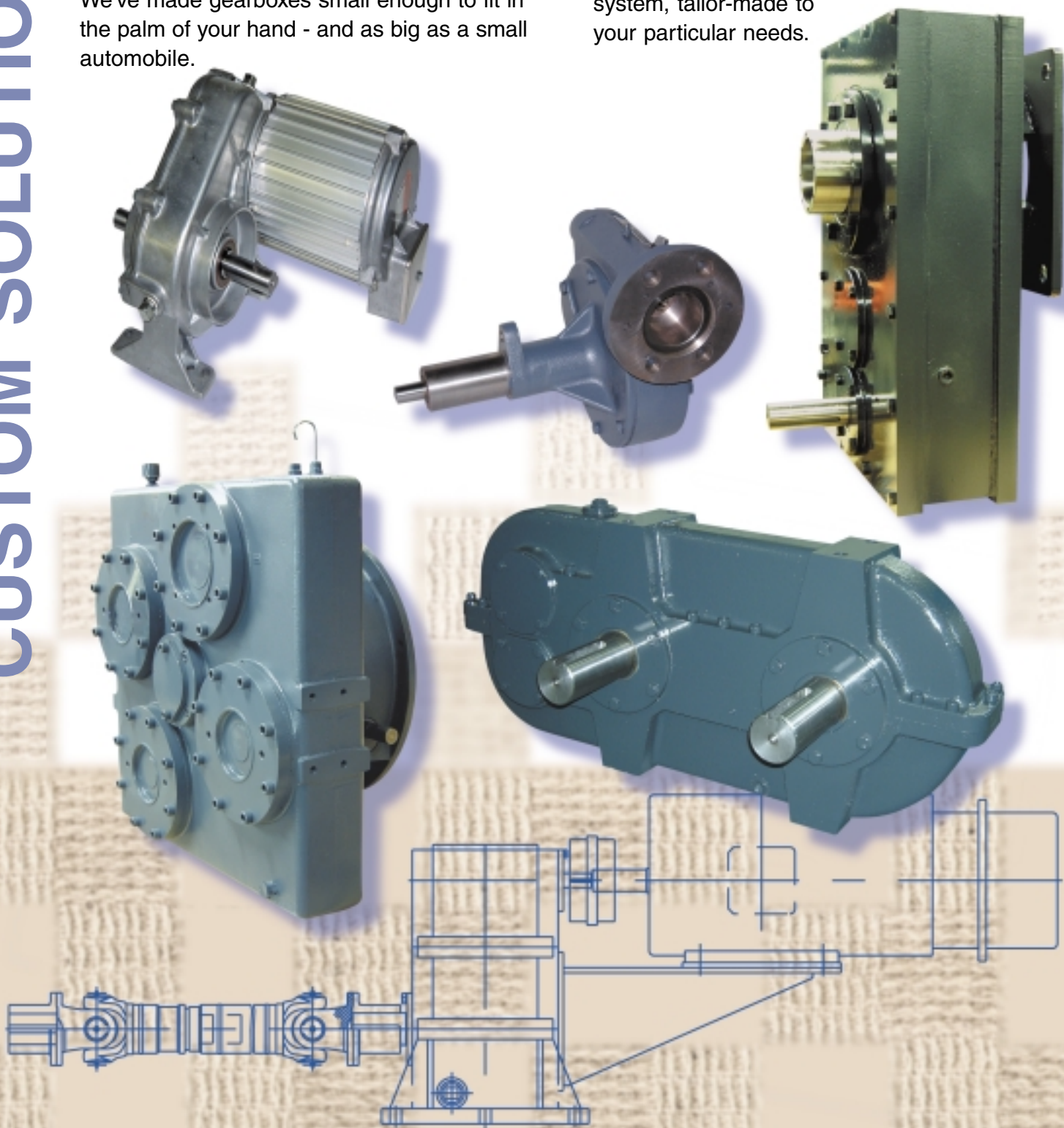


CUSTOM SOLUTIONS

Custom Enclosed Gearboxes Limited Only by the Imagination

We've made gearboxes small enough to fit in the palm of your hand - and as big as a small automobile.

The possible combinations of Emerson Power Transmission gearbox components are virtually endless. We can design and manufacture gearboxes to order - and package them to work together in a completely integrated drive system, tailor-made to your particular needs.

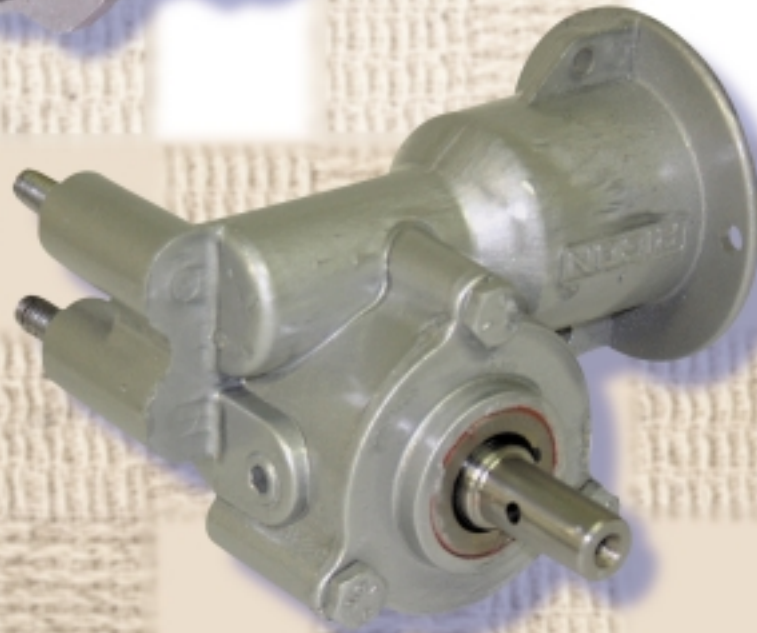
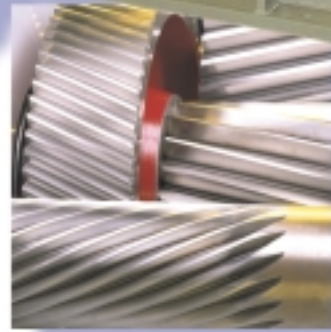
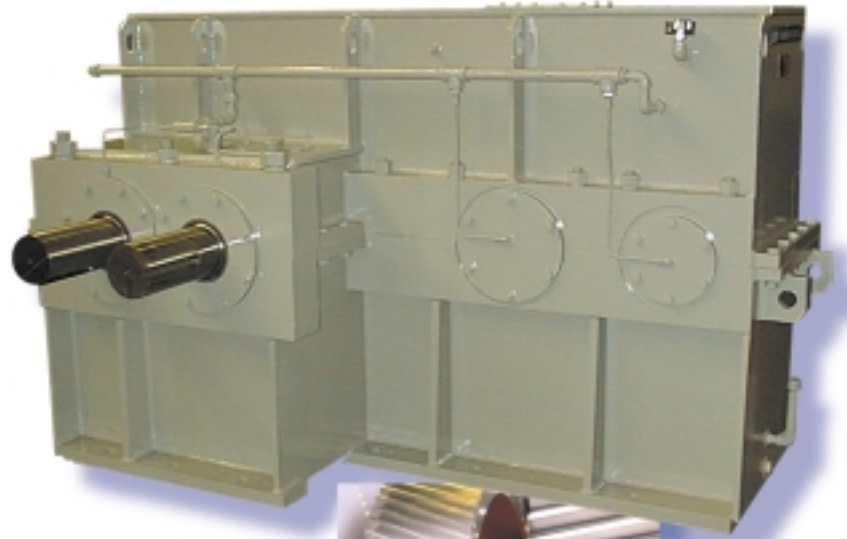


Gear Types

- Helical
- Worm
- Spiral Bevel
- Bevel
- Spur
- Combination Gearboxes

Housing Materials

- Fabricated Steel
- Cast Iron
- Ductile Iron
- Aluminum
- Stainless Steel



Industries Currently Served:

- Chemical
- Petroleum
- Wastewater Treatment
- Mining
- Food and Beverage
- Pharmaceuticals
- Textiles

- Pulp and Paper
- Agriculture
- Solid Waste Recycling
- Car Washes
- Fitness and Exercise
- Transportation Control (Bridges, Toll Gates)



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TRANSMISSION**

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1-800-626-2120