

OUR QUALITY POLICY

DRIVEN BY THE VOICE OF THE CUSTOMER AND TOTAL ASSOCIATE INVOLVEMENT, BOSTON GEAR WILL STRIVE, THROUGH CONTINUOUS IMPROVEMENT, TO PROVIDE PRODUCTS AND SERVICES THAT MEET OR EXCEED CUSTOMER EXPECTATIONS.

www.bostongear.com

Boston Gear's new, easy to navigate web site offers a variety of tools designed to simplify the selection and ordering process. Powered by advanced Internet XML technology, www.bostongear.com offers 24 hour access to the industry's premier source for power transmission information:

- **BostSpec2** – Boston Gear's award winning open and enclosed gearing configurator. Based upon your applications requirements, select from over 84,000 parts, view specifications, even download CAD drawings
- **Products** – get the most current product information, features, benefits, or application data
- **Literature** – all of Boston Gear's catalogs, brochures, specification sheets, and installation manuals are available for immediate down loading
- **Distributor Locator** – find your local stocking Boston Gear distributor

Whether you're looking to design a worm gear speed reducer to fit your application, get information on Boston Gear's newest products, or receive the latest news about the company, www.bostongear.com is your answer.



The Second Century of Service

Started in 1877 as a machine shop making gear cutting machines, Boston Gear has led the growth of the power transmission industry for more than a century. In its early years, Boston Gear introduced the concepts of gear standardization and stock gears – innovations of enormous benefit to power transmission system designers, specifiers and users.

Boston Gear was the early pioneer in enclosed drives, a category it still dominates with dependable, high performance products like Worm, Helical and Bevel Gear Drives.

Today, Boston Gear provides the widest range of integrated motion control products from one source. The convenience of this single-source capability is yours when you deal with Boston Gear.

Engineering Services

The Boston Gear Engineering Group can satisfy your technical needs through skillful application of standard products or development of custom designs. Creating specials is an important aspect of customer service. It is supported by R & D personnel who use microprocessor-controlled equipment to collect and monitor data on materials and product performance.

Computer-Aided-Design (CAD) systems help Boston Gear engineers create new approaches to broad industrial challenges or specific customer needs. Computer simulation and testing at critical stages ensure that their designs are practical

Manufacturing Excellence

Boston Gear manufactures more than 50,000 products in-house at our facility in Charlotte, North Carolina. Production is efficiently organized into manufacturing cells under group technology. For example, turning and grinding are combined under the control of a single operator in each cell. This approach encourages a sense of responsibility and pride of workmanship, to gain consistently high-quality output.

Computerized production control provides close supervision over scheduling and resource planning, coupled with the flexibility to fit your requirements smoothly into the master schedule. Other dedicated computer controls within the production department govern the ordering and delivery functions to keep operations lean and efficient.

BOSTON GEAR®

RATIOTROL SYSTEMS

RATIOTROL PRODUCTS ADD SOPHISTICATED CONTROL TO MOTION

Boston Gear, the reliable source for motion control products for over 100 years, has added electronic brains to its mechanical brawn. New Ratiotrol microprocessor-based AC and DC controllers bring operating intelligence to our high-performance speed reducers, gears, motors, bearings, shaft accessories, clutches and brakes. Your advantage is more capable and adaptable motion control systems when you utilize the coordinated components available from Boston Gear.

ELECTRONIC DRIVES AND CONTROLLERS

From fractional horsepower AC & DC controllers to powerful three-phase AC inverters, Boston Gear serves a broad spectrum of control needs for adjustable speed AC and DC drives. In manufacturing and assembly operations, Ratiotrol controllers adapt easily to new factory automation projects or system upgrades. For material handling systems and conveyors, food processing equipment, extruders and mixers, they give you a low-cost route to the infinitely adjustable speeds needed to match a production line or process flow. Many can be field or factory-modified for specialized performance and operating convenience.

CUSTOMER/FACTORY MODIFICATIONS

Many Boston Gear Ratiotrol series accept pre-engineered options to meet unusual environmental conditions or to offer specialized performance and operating convenience. Simple plug-in modules and Boston Gear Field Kits make it easy to accomplish many modifications in the field; other options are factory installed and tested before delivery. Modifications can range from simple product adaptations for OEM applications to complex integrated installations controlling multiple drives in automated process lines.



FIELD SUPPORT

The specialists at Boston Gear distributors are ready to help you meet all your motion control needs. For in-depth technical assistance, they can turn to the Boston Gear field application engineering force. Our field engineers have daily exposure to the specialized needs of many industries. They work cooperatively with our distributors to solve customer problems, design new systems and upgrade existing systems with added capabilities.

APPLICATION ASSISTANCE

Multi-level assistance is available from the network of Boston Gear full-line distributors, backed by Boston Gear's own dedicated field specialists, electrical product specialists and factory application engineers. All are available to analyze applications and help you specify the product combination that will perform your work with efficiency and economy.

TECHNICAL ASSISTANCE

Besides assisting with application review and product selection, all of the people in the Boston Gear distributor, field and factory organizations can help resolve problems by offering technical assistance. They are trained and prepared to troubleshoot unexpected process difficulties, or to provide functional analysis and repair of the controller/motor drive system.

AVAILABILITY

Boston Gear service has many facets and they all involve the coast-to-coast Boston Gear distributor organization. The distributors' own product knowledge is supplemented by our field and factory experts; their local product inventories are backed by national and regional warehouse stocks. On-line computer links give distributors instant access to Boston Gear headquarters for order entry, inventory checks, price information, etc.



Boston Gear customer support services include technical application assistance, complete electronic and mechanical repairs and skilled factory modifications of standard products.