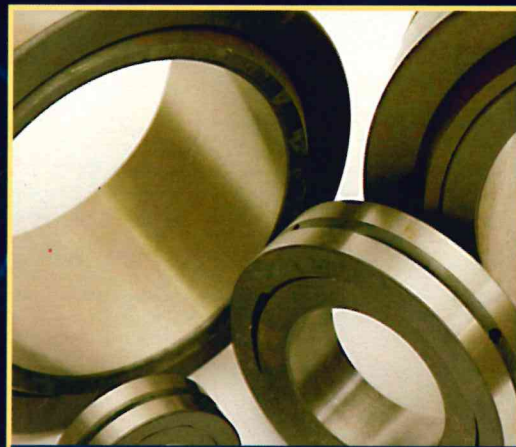


# MCNEIL INDUSTRIES

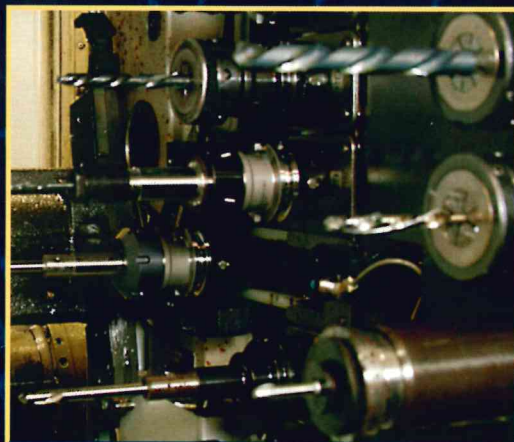
DRIVING SUPERIOR PERFORMANCE



Guide Systems



MAXAM® Bearings



Strategic Manufacturing



# WE KNOW HOW TO DRIVE

**6**

Consecutive years of growth in excess of 20%.

**99.1**

On-time delivery rate, in percent, for custom manufactured products.

**1**

Rank among businesses under \$25 million in the 2007 Northeast Ohio Competitiveness Challenge.

**Top 5**

Rank among fast-growing companies in US Private Companies Index, April 2007.

**Less than .00005 in.**

Manufacturing tolerance held over 12 inches of a McNeil precision guide pin.

**\$150,000**

Annual savings attributed to \$768 in MAXAM® Bearings by Weyerhaeuser paper mill.

In today's highly competitive business environment, there are a hundred reasons why companies may be chosen and valued as suppliers.

When potential customers ask why they should do business with McNeil Industries, we point to a proven record of superior performance that has driven real business growth in excess of 20 percent annually for the past six years.

Performance like this is no accident. It is built on detailed planning process, disciplined execution and continuous investment in people and processes to serve our customers.

But our superior performance isn't limited to our rate of growth. It permeates everything we do. It is built into every one of our products, from materials and processes on the manufacturing floor, to a near-perfect rate of on-time customer deliveries, to a reputation for exceptional reliability and service life in the field.

At McNeil Industries, our purpose is simple: We provide value-added solutions that drive superior performance. To that end, we not only guarantee the performance of our products, but the reliability of our on-time delivery through our brand promise.

In a world with thousands of suppliers, we offer you one simple reason to do business with us: Superior Performance.

## Superior Product Performance What you need, when you need it, every time... guaranteed.

Our 32,000 sq. ft. manufacturing facility houses the latest CNC milling, turning, and grinding equipment, enabling us to machine a wide range of products in materials from carbon steels to stainless and exotic alloys, titanium, fluoropolymers and thermoplastics.



Daily meetings, focused on accomplishing weekly and quarterly objectives, enable McNeil team members to successfully meet their latest customer challenges. This blend of strategic focus and daily tracking keeps customer needs and timelines at the forefront of our work, resulting in week after week of near 100% on-time deliveries.



# SUPERIOR PERFORMANCE

## **MAXAM® Bearings: Built for hostile environments**

MAXAM Bearings handle extreme loading, temperature, shock, moisture and contamination—the kind of conditions that ruin ordinary bearings and drain maintenance budgets.

## **Guide Systems: Precision for high-speed stamping**

Chosen by leading makers of metal packaging equipment, our guide pin and bushing sets have earned a global reputation for precision and durability in dies used to stamp beverage cans, electronic components, and other high-volume, high-precision products.

## **Strategic Alliances: Machining and Value-Added Services**

Our ISO certified processes include five-axis CNC machining, automated and manual grinding, and a quality assurance lab. We specialize in precision components machined from high performance materials.

## **MAXAM® Bearings:**

- ▶ Plain and Spherical Plain
- ▶ Ball Bushing
- ▶ Cylindrical
- ▶ Shafts, Bushings, Sleeves, and Pins
- ▶ Engineered Solutions

## **Guide Systems:**

- ▶ Precision Guide Pins
- ▶ Precision Guide Bushings
- ▶ Ball Retainers
- ▶ Spare Parts
- ▶ One-piece, two-piece, press-fit styles

## **Strategic Manufacturing:**

- ▶ Precision Machining
- ▶ Industrial Seals
- ▶ Assembly and Subassembly
- ▶ Product testing
- ▶ Stocking and Inventory Management
- ▶ J-I-T Delivery

Our ISO 9000:2001 quality certificate ensures customers that McNeil Industries operates processes that deliver MAXAM® Bearings, Guide Systems and manufactured products with processes and quality standards that match their own.



Our ISO 9001:2000 certified processes are optimized for short- to medium-run production of key product lines, as well as manufactured components for our strategic alliance customers. Our manufacturing capabilities are complemented by a large stock of industrial sealing products—and the know-how to apply them in solving seal-related problems.



## OUR BRAND PROMISE



Superior Product Performance  
What you need, when you need it,  
every time... guaranteed.

### Our Capabilities and Equipment

#### CNC Turning Centers:

- ▶ Mori Seiki NL3000MC with live tooling and up to 3 1/2" diameter bar capacity
- ▶ Mori Seiki NL3000Y with 3 1/2" diameter bar capacity
- ▶ Mori Seiki NL2500 with up to 3.1" diameter bar capacity
- ▶ Hitachi Seiki HiCell 23II 5-Axis Super with 5-Axis Capability Live Tooling; Up to 23" length
- ▶ Hitachi Seiki TS 15 ECO ECO-2" bar capacity
- ▶ Hitachi Seiki HT 20 HiTec Turning CNC lathe, 3" bar capacity with bar feed
- ▶ Miyano BNC 342A with Automatic 12' Bar Feed
- ▶ Mazak QT 18 CNC lathe
- ▶ Mazak QT 15 CNC lathe (2)
- ▶ Mazak QT 35 CNC lathe -15" chuck

#### CNC Vertical Machining Centers:

- ▶ Up to 4-Axis Capability – 24" x 24" x 40" Work Area
- ▶ Automatic Tool Changer
- ▶ Mori Seiki NV5000
- ▶ Mazak VTC-20C CNC Milling Center
- ▶ Mazak VQC-20/40B CNC Milling Center

#### CNC Horizontal Machining Center:

- ▶ Mori Seiki NH 4000 DCG High Precision Machining Center

#### Quality Assurance and Testing Labs

#### Grinding Machines:

- ▶ Studer Precision CNC universal grinder
- ▶ Centerless – Internal – Surface – Blanchard – OD
- ▶ Cincinnati Milacron Heald Sizematic 271 ID gr.
- ▶ Cincinnati Milacron Heald Universal 273 ID gr.
- ▶ Cincinnati Milacron Heald Tool Room 271 ID gr.
- ▶ Cincinnati Milacron R57 OD gr.
- ▶ Cincinnati Milacron #3 Centerless gr.
- ▶ Cincinnati Milacron #2 Centerless gr.
- ▶ Blanchard Grinder 36" table
- ▶ Gallmeyer and Livingston #35 Surface gr.
- ▶ Harig 6/12 Surface grinder (2)
- ▶ Toyoda OD Grinder (2)
- ▶ Sunnen Auto Vertical Hone

#### Auxiliary Equipment:

- ▶ AMADA Automatic saw
- ▶ HYD-Mech Horizontal Cutoff Saw
- ▶ Kearney and Trecker H-Mill
- ▶ Mitutoyo Optical Comparator with digital readout and surface illumination
- ▶ Optical Gaging Products – Contour Projector
- ▶ Projection IV Optical Comparator
- ▶ Mitutoyo B403B CMM Coordinate Measuring Machine
- ▶ Design and Manufacturing Software:
- ▶ SolidWorks 3D Modeling Software
- ▶ Virtual Gibbs CAD-CAM Manufacturing Design Software
- ▶ GEO Path CAM Software
- ▶ E2 Shop System - Manufacturing Software by Shoptech
- ▶ Auto Cad 2004 LT



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ISO 9001:2000

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