

## Precision Rollers You Can Rely On™



### Capabilities

#### Industrial & Graphic Arts Applications

We focus on select "Industrial" markets, primarily the production and conversion of steel, aluminum, plastics and coatings. The select "Graphic Arts" applications we emphasize include Offset Web (heat-set, open web, newspaper), Flexography and Rotogravure.

#### Standard Capabilities

##### Our factory handles:

- Lengths up to 300 inches
- OD (Outside Diameter) up to 60 inches

##### We produce:

- Extruded roll covers with no seams, using virtually the entire range of synthetic elastomers
- Cast and extruded polyurethane
- Chrome plated rolls with finishes to 1 $\mu$  inch Ra

##### We offer:

- New roll manufacturing
- Roller reconditioning (repair) and covering
- Emergency services for customers with urgent needs
- Dynamic balancing to ISO-1940, ANSI and MIL-SPEC standards

##### Our facility includes:

- A complete machine shop
- CNC (Computer Numerical Control) crowning (parabolic, cosine, barrel, tapered) and grinding
- CNC grooving with exceptional precision
- Hi-Pressure autoclave technology (6' x 32' in length)
- Live steam autoclave (4' x 16' in length)
- Automated extrusion roll builders
- Vacuum static polyurethane system

#### Production Processes

To ensure consistent quality, our experienced staff is trained to implement clearly defined Standard Operating Procedures (SOPs) in our manufacturing processes, which span:

- Precision grinding
- Reconditioning, recovering
- Extruding
- Vulcanizing/Curing
- Journal, Shaft and I.D. Bore (Socket) repairs and replacement
- Polishing

#### Standard Products and Services

The majority of our production is tailored to specific requirements unique to each customer. Our core offering includes:

##### Products:

- Standard rollers (rubber, chrome, copper, etc.)
- Composite (graphite) rollers
- Cast and extruded polyurethane
- Rexnord Link-Belt® bearings (we are an authorized OEM source)
- Large inventory of various other bearings

##### Services:

- Complete roll manufacturing
- Core, shaft and journal repairs
- Regrinding
- Roll covering
- Dynamic balancing
- Chemical compatibility testing
- Physical testing of materials

- Superior Quality
- On-time Shipping
- Responsive Customer Service

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Corporate Brochure  
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