



Delivering “Well-Rounded” Solutions

PRG is your partner in productivity

The Company

Flanders, headquartered in Evansville, Indiana is an international corporation specializing in the service, repair and manufacture of various types of electric motors. They pride themselves on consistently meeting customer delivery deadlines and maintaining their outstanding reputation for providing the highest quality products in the industry.

The Problem

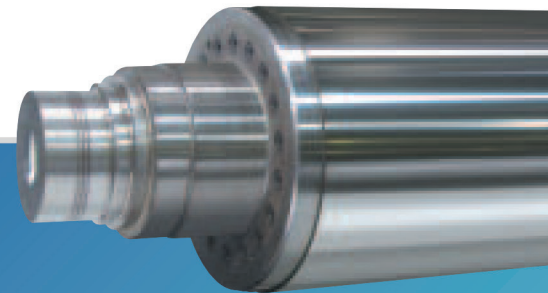
Flanders has the capability to handle their own grinding and maintenance in-house, but when demand for servicing their large-sized motor armatures increased rapidly, they needed a reliable backup service provider. Not just any supplier would do. They needed a partner who understood their scheduling and delivery requirements and was capable of producing extremely tight tolerances on oversized equipment.

The Solution

Precision Roll Grinders was up to the task. Utilizing PRG's vast roll grinding knowledge, experience and expertise, Flanders was able to meet customer requirements for armature grinding turnaround times. The result has been the tightest possible tolerances consistently delivered ahead of schedule according to Flanders' unique requirements. PRG also saved Flanders money by spotting a faulty bearing seat repair performed by another provider. By recognizing the problem early on and coordinating with Flanders to determine the best repair method, Precision Roll Grinders was able to fix the journal, preventing complications during re-assembly.

“Every job that we have sent to you (PRG), we have been very satisfied with the quality of the workmanship. We look forward to the future knowing we have someone reliable to do the high quality of work with our name on it. This is what has made us the leader in the motor repair industry throughout the U.S.”

Curtis Lamborn
Machine Shop Coordinator
FLANDERS

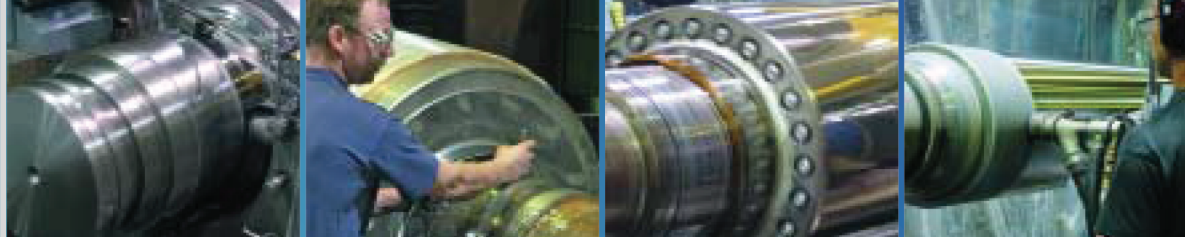


For total roll care, no one else even comes close™

To learn more about how PRG can solve your problems — as well as help you achieve the highest levels of productivity, day after day, year after year — please call our nearest location or visit www.precisionrollgrinders.com

Industries served

- Aluminum
- Chocolate
- Flooring
- Food Processing
- Forest Products
- Ink
- Nonwovens
- Paper
- Plastic
- Rigid Film
- Rubber
- Metals
- Specialty Metals
- Steel
- Turbine & Compressor



The Range of Roll Materials:

- Brass
- Carbide Coated
- Ceramic
- Chilled Cast Iron
- Chrome
- Composite
- Copper
- Engraved
- Forged Steel
- Granite
- Polyurethane
- Rubber
- Stainless Steel
- Steel

Services:

- Custom Roll Grinding (straight, crowns, tapers)
- Chrome Plating
- Computer-Controlled Special Profiles
- Dynamic Balancing
- Dynamic Leak Testing
- Grooving or Regrooving of Rolls
- Honing
- Hot Grinding
- Journal Repair/Replacement
- Lathe/Machining
- Matte Blasting
- Metal Spraying
- New Carbide Coatings
- New Ceramic Coatings
- New Chilled Iron Rolls & Shells
- Nickel Electroplating
- Reshelling
- Roll Fabrication
- Roll Repair
- Suction Roll Rebuilding
- Superfinishing & Mirror Polishing
- Turning
- Variable Crown Roll Rebuilding
- Welding

PHYSICAL CAPABILITIES

Grinding Capacity

Diameter	2" to 144"	50 mm to 3,660 mm
Length	up to 600"	up to 15,240 mm
Weight	up to 240,000 lbs.	up to 109,091 kg

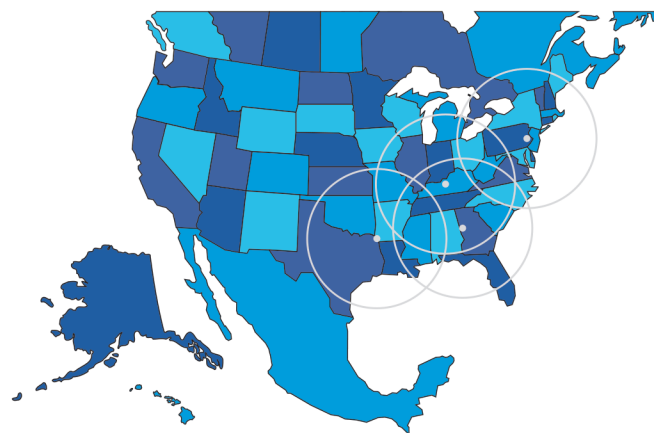
CNC Lathe Capacity

Diameter	66" over carriage	1,680 mm over carriage
Length	78.7" over ways	2,000 mm over ways
Weight	up to 840"	up to 21,336 mm
	up to 200,000 lbs.	up to 90,910 kg

Tolerances:

Total indicated runout of face with respect to journals ± 20 millionths of an inch.
Surface finishes as fine as 1/4 micro inch Ra.

Multiple locations ...
to serve you better!



No one else even comes close™

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Distributor for:



www.precisionrollgrinders.com