### PRECISION ROLL GRINDERS, INC.



# **Delivering "Well-Rounded" Solutions**

PRG is your partner in productivity

#### The Company

ALSCO METALS INCORPORATED, of Richmond, Virginia, services the building products industry with gutters and soffits, among other materials. Precision Roll Grinders grinds ALSCO's rolls from both the hot and cold mills.

#### The Problem

A variation in ALSCO's process reduced plant efficiency — and increased day-to-day operational costs.

#### **PRG's Solutions**

PRG's eight-year relationship with ALSCO, constant interaction and attention to detail collectively led to the testing of the variation found in ALSCO's process. PRG's continued pro-activeness, regular on-site visits and problem-solving approach have helped ALSCO remain a leader in the building products industry.



## 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

### PHYSICAL CAPABILITIES

**Grinding Capacity** 

Diameter 2" to 144" Length up to 600" Weight up to 240,000 lbs.

50 mm to 3,660 mm up to 15,240 mm up to 109,091 kg

**CNC Lathe Capacity** 

Weight

Diameter 66" over carriage 78.7" over ways
Length up to 840"

up to 840° up to 200,000 lbs.

1,680 mm over carriage 2,000 mm over ways up to 21,336 mm up to 90,910 kg

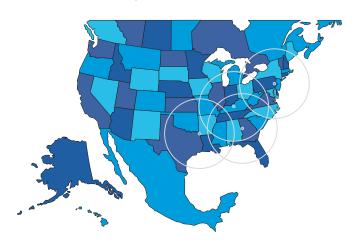
#### **Services:**

- 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

### **Tolerances:**

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

# Multiple locations ... to serve you better!





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