



## Delivering “Well-Rounded” Solutions

PRG is your partner in productivity

### The Company

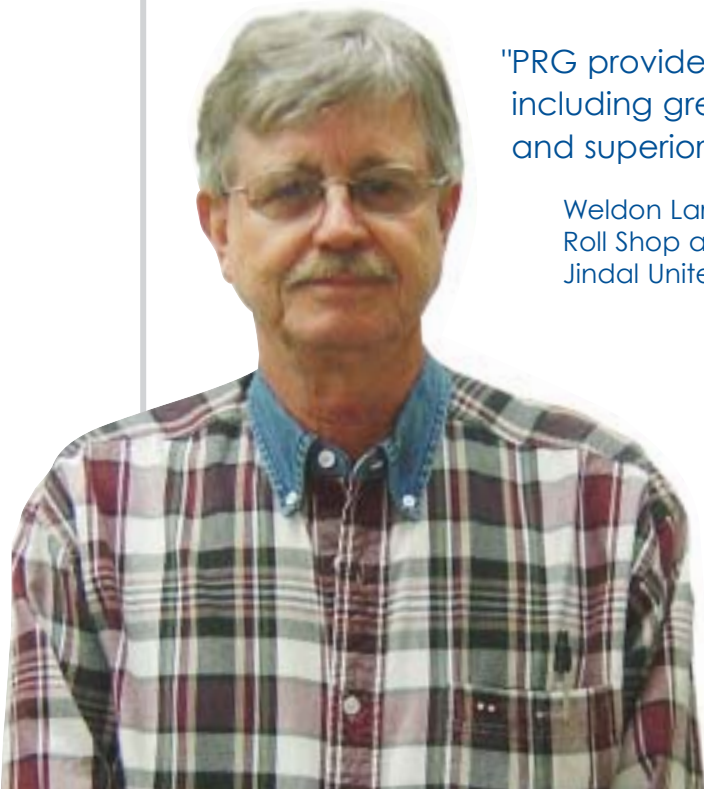
JSW Steel, headquartered in India, has operations around the globe. JINDAL UNITED STEEL CORPORATION, a division of JSW, is located in Baytown, Texas. The Baytown mill manufactures plate and pipe product for distributors in the steel market.

### The Problem

When the grinder or lathe goes down, Jindal must act quickly to avoid excessive downtime in the production area. Prior to engaging PRG, the mill was forced to use a distant supplier who provided a service that barely met mill standards – causing production delays and occasionally even the need to stop the production process.

### PRG’s Solutions

Today, when Jindal loses their grinder or lathe, PRG provides quick turnaround on their rolls to avoid an operational shutdown. This allows Jindal to better meet customer needs and minimizes downtime. Thus, PRG has helped to increase JSW's productivity and profitability.



"PRG provides us with excellent service, including great turnaround time and superior quality — that says it all!"

Weldon Larkin  
Roll Shop and Services Manager  
Jindal United Steel Corporation



**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](http://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

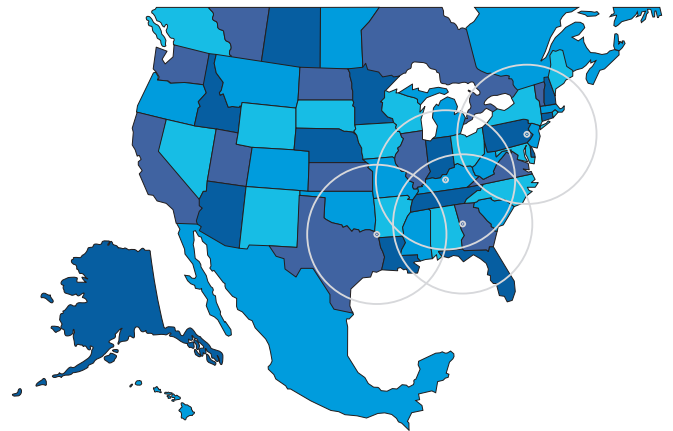
### CNC Lathe Capacity

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

### 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!



*No one else even comes close™*

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