

# Chill Roll Repair & Refinishing Services

Complete repair/remanufacturing services of American Roller Company chill rolls for sheet, film paper coating and heat transfer applications.

Regular maintenance and/or modified finish requirements are our specialty. Combine with total in-house chrome plating and finishing equipment, American Roller offers committed customer service and accurate delivery quotations with every request.

## Finish Options, Ra - $\mu$ in ( $\mu$ m)

| Flawless Super | Bright Mirror            | Standard Mirror        | Polish Finish           | Satin Finish           | Coarse Matte                 |
|----------------|--------------------------|------------------------|-------------------------|------------------------|------------------------------|
| <1"<br>(<.025) | 1" - 2"<br>(.025 - .050) | 2" - 4"<br>(.05 - .10) | 6" - 32"<br>(.15 - .81) | Variable<br>(Variable) | 125" - 150"<br>(3.18 - 3.81) |

*Specialty finishes: water retention, flash plating over matte, pocket release, 30-50% gloss, tungsten carbide coating.*

*Our precision finishing facility enables us to provide 0.0005" (13 mm) TIR on every order regardless of size or weight.*

For finishing, we offer optical mirror "superfinish" to coarse matte applied after chrome plating.



*Final process in which repaired roll is receiving a standard mirror finish.*

## Our capabilities include:

- 48" diameter and 300" lengths (Oversize roll processing also available)
- Re-shell manufacturing
- Acid flush and flow testing
- Journal and body repairs
- Re-polish existing chrome
- Grinding and Re-chroming

## Plus specialty industry finishes:

- Water retention
- Flash plating over matte
- Pocket release
- Rubber & polymer covers
- 30-50% gloss
- Tungsten carbide coating
- Anti-dent surfaces

