



# **GIANT**

MASS FINISHING EQUIPMENT

# **ASF**

**ACCELERATED SURFACE FINISHING**

(800)404-4268

[www.giantfinishing.com](http://www.giantfinishing.com)

**Accelerated Surface Finishing With Chemtrol®** combines the benefits of low RMS non-directional mass finishing with chemical accelerants. The chemical accelerants significantly reduce the process time for hardened surfaces compared to mechanical abrasive methods. This reduced process time enables you to achieve a very low surface roughness with minimal metal removal and radiusing of the part.

### **Advantages of Accelerated Surface Finishing**

- Achieve Low RMS finishes without heavy metal removal or radiusing
- Achieve negative skew values by removing surface peaks while retaining micro valleys for lubricant retention
- Refine surfaces to mirror-like brightness and very low surface roughness
- Reduce friction, lower torque requirements and minimize surface wear thereby reducing operating temperatures
- Precision components are imparted with a "Run In" surface condition
- Increase fatigue life

