



# Acme Manufacturing Company



## Robotic Polishing, Grinding & Buffing Systems

### Integrated Robotic Polishing, Grinding and Buffing Systems for Orthopaedic Components

Acme Manufacturing Company is the largest and most experienced global manufacturer of robotic polishing, gate grinding, deburring and buffing systems for orthopaedic components.



#### Applications

- Knee, Hip, Tibia Tray, Cup, Bone Plate
- Cobalt Chrome, Titanium, Stainless Steel, Zirconium
- Casting Tree Cut-Off
- Gate Grind
- Forged Flash Removal
- Rough Out and Finish Belt Polish
- Cup and ball buffing



#### Features and Benefits

- Turn Key System Design & Build
- Part Validation Capability
- Universal Tooling Concepts
- Field Proven Process Knowledge
- Process Control Monitor and Automatic Adjustment
- Vision Inspection with Automatic Process Modification
- Heat Reduction Process Control Technology
- Media Life Management and Control
- Troubleshooting Via Modem and or Internet
- Ethernet Host Computer Support
- Built to RIA and CE Specifications
- Reduced Labor to Finish Femoral Components
- Integrated Dust Collection
- Acme SimPRO Robotic Offline Programming
- Unattended Run Time with Custom Part Queuing Options
- Reduced Media Usage by 4-6 Times over Manual Finishing
- Return on Investment in 1-Year or Less
- On Demand Quick Set Up and Change Over Capability
- Force Controlled Finishing Heads with Variable Speed Spindle Motors



Acme's expertise is focused on providing a complete fully developed and risk-free finishing system to support the medical implant industry worldwide.

Acme maintains a complete in-house technical support staff of engineers for: applications, product, and electrical controls, off-line programming and training. Our service technicians provide start up, installation support, hands on training, part task programming and trouble shooting worldwide.

#### Acme Manufacturing Company

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#### Web site

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#### Founded

1910

#### Contacts

Glen A. Carlson, Jr.  
*Chairman*

Glen A. (Fritz) Carlson III  
*President*

Joe Saad  
*Director of Sales*

#### Robotic Systems Staff

Paul F. Miekstyn  
*Sr. Product Manager*

Jack Karagozian  
*Sr. Product Manager*

Stephen Krug  
*Product Manager*

Marcus E. Armstead  
*Robotic Controls Manager*

#### Facility

50,000 sq. ft.

#### Staff

75 employees

#### Certification

ISO 9001 with QS-9000  
TE Supplement