



SMP Series – Microfinishing for Gear Pump Shafts

The SMP Series is a globally proven microfinishing solution designed specifically for gear pump shafts. Engineered for high productivity, consistent surface finish, and Industry 4.0 readiness, the SMP Series delivers reliable performance for demanding manufacturing environments.

Key Advantages

- Industry 4.0 enabled smart machine architecture
- Energy-efficient design for reduced operating costs
- Integrated tool management software
- Multiple control options: Siemens, Beckhoff, Mitsubishi, Fanuc



Technical Specifications

- Component- Gear Pump Shaft
- Operation - Level 2 Microfinishing
- Surface Finish Input - 0.3 $\mu\text{m Ra}$
- Surface Finish Output - Down to 0.05 $\mu\text{m Ra}$
- Productivity - 45–55 components/hour
- Part Capability - Multiple part variants
- Process Capability – Outside diameter and gear face microfinishing

Impco Microfinishing is the exclusive distributor, providing sales and service, for GrindMaster products in North America.

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