

UNITED STANDARD INDUSTRIES, INC.

Comprehensive Quality Manufacturing

Manufacturing

— Quality, accuracy, and attention to detail is the rule, not the exception —

Cutting

Accurate cutting is performed by heavy-duty horizontal and vertical saws featuring automatic unattended cutting. Lengths of 20 feet or more are handled in an efficient manner.

Turning

USI utilizes a full range of precision lathes, from a simple 2-AXIS manual engine lathe (5 hp) to a sophisticated 7-AXIS Multi-Tasking Twin Spindle (25 hp each) with 24 Live Tool Stations and integrated with an advanced computer, in order to best serve the needs of a large and diverse customer base.



Milling

Horizontal and vertical mills range from 1 to 30 hp with spindle speeds from 1 RPM to 20,000 RPM. Computer Numerical Control equipment is utilized based on part geometry, accuracy requirement, number of parts and cost of set-up. USI's 3, 4, and 5-AXIS machines give our customers a competitive edge. The result of these capabilities is state of the art production efficiency.

Testing

Hydraulic testing up to 10,000 psi is performed utilizing calibrated gauges. USI has a complete range of test and checkout equipment.

Assembly

Based on the needs of our customers, we offer assembly in the following areas:

- Mechanical
- Hydraulic

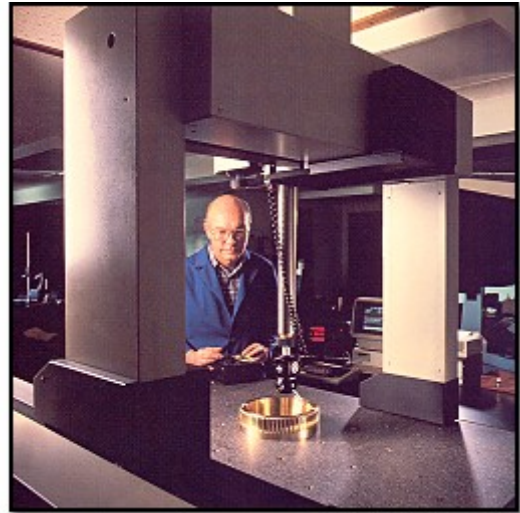
In-house painting and marking are performed per customer specifications.

Inspection

Quality and attention to detail are provided with the use of a high accuracy 5-AXIS coordinate measuring machine with robotic control. Hard-copy printouts record the resulting measurement.

In addition, our optical comparators provide both direct measurement and measurement using surface illumination. In-process inspection is performed by either a roving inspector, operator, or both, depending on customer requirements.

Our inspection is in accordance with standard procedures and calibration records are on file. We are certified to ISO 9001:2008 by Eagle Registrations, Inc. In addition we employ Statistical Process Control (SPC), as required. If an inspection plan is not specified, we will use 1.0 AQL, as described in MIL-STD-105.



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