



# Studer S33 CNC Cylindrical OD/ID Grinders

## X-L Machine Company:

Manufacturing solutions, specializing high precision machining and grinding to deliver complex parts that meet our customers needs and demands.



## Machine Capabilities

- ❖ 13.75" maximum OD
- ❖ 40" max length between centers
- ❖ 8.0" max ID x 8.0" max depth
- ❖ CNC wheel profiling
- ❖ Multi-angle use of wheels
- ❖ Active part probing
- ❖ In-process OD gaging can hold .0001" total tolerance or less

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**CNC Grinding:** Utilizing two state of the art Studer S33 Universal CNC Grinders, X-L Machine Company is able to provide our customers with high precision parts with minimal lead-time. Ideal for prototypes, tooling, specialty runs and low to medium volume production.

## Benefits:

- Turret style wheel head provides unmatched geometric tolerances of work in a single clamping by utilizing 3 grinding wheels in one operation.
- Diamond and CBN super abrasive capability with rotary diamond dressing to meet extreme tolerances and maximum productivity.

## X-L Supports Key Market Segments:

- Supercharges (rotors & shafts)
- Automotive / Motorsports / Trucking
- Aerospace
- Medical
- Industrial



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Contract Manufacturing • Rapid Prototyping • Precision Machining • Engineering Services