



**STEER MACHINE TOOL & DIE CORPORATION**



**Established 1968**



*Old World Craftsmanship  
Modern Day Technology*

- CAD / CAM
- Experts from prototype to production
- Quality control to ISO 9000
- All work done in house
- Low-cost producer in markets demanding the highest quality
- Second-generation family ownership since 1968
- Advanced technology
- Job shop efficiency with aerospace quality
- Full job responsibility, including heat treating, plating, powder coating, painting, etc.
- Fully integrated computer systems for tracking blanket orders
- Kanban

## CNC TURNING

Our Hardinge "Conquest 42's" are late-model, state-of-the-art American-made machines. Repeatability is better than .0002.

*We do it every day!*

## CONVENTIONAL TURNING

- Leblond Engine Lathe, 19" x 54" CC with true trace profiling attachment
- Kondia Engine Lathe, 14" x 36" CC
- Monarch Engine Lathe, 33" x 72" CC
- South Bend Turret Lathe, 12" x 24"

## CNC MILLING

We handle CNC milling on our American-made FADAL VMC's. Our 4020HT has X=40", Y=20", and optional 28" travel on the "Z" axis. Repeatability is .0001.

*We do it every day!*

*Large and small capacity machine tools*

## CONVENTIONAL MILLING

Our facility houses a full line of milling machines including:

- 5 Bridgeports, most with DRO
- 1 Polamco/Mechanicy Vertical Mill, 18" x 80" table, with DRO precision for large capacity
- 1 K & T Horizontal-Vertical Mill, 16" x 64" table

## HONING

Sunnen Model MBB-1660 Precision Hone with up to 6" capacity

## DRILLING

- Delta Drill Press with 4 heads
- Powermatic Drill Press with 4 heads
- Delta Single Spindle Drill Press

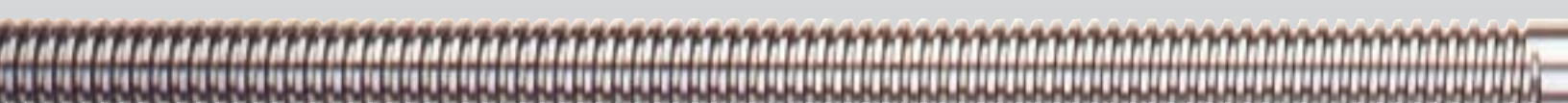
## PRESS

- Form-All Bar-Forming Machine
- Bliss OBI, 20 ton
- Nugier H-Frame, 40 ton



**Bar feed, parts catcher.  
12 position turret.**

**700 IPM rapid  
Extended Z axis (28")  
10,000 RPM  
21 Tools**





## THREAD CUTTING

Man-Au-Cycle Automatic Single-Point Threading Lathe

- inch and metric
- left or right hand
- cuts “V,” Acme, buttress, etc.
- 3” spindle bore, 36” maximum threading length

## GRINDING

- G & L Automatic 8” x 24” Surface Grinder, electromagnetic clamping
- Boyar-Shultz 5” x 10” Surface Grinder, magnetic clamping
- Timesaver Sander with 4” H x 6” W capacity

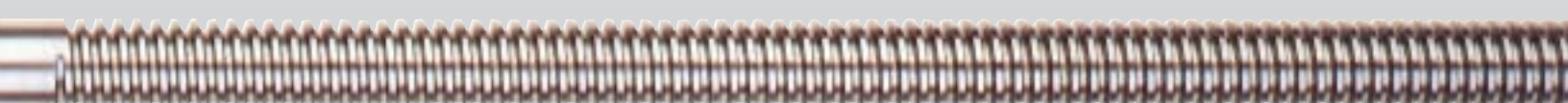
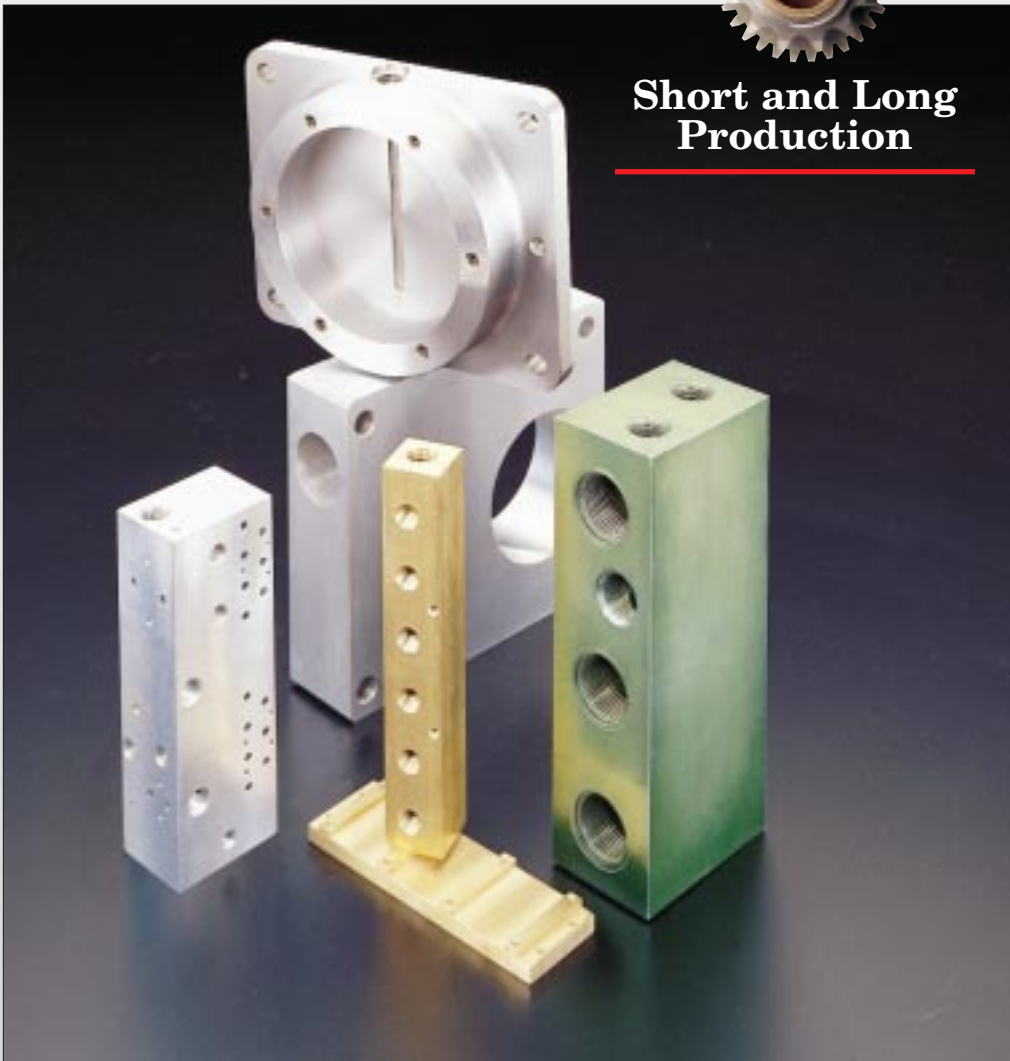
## INSPECTION DEPARTMENT

Our inspection equipment is too extensive to list! Here’s a sampling:

- 36” x 48” Tool Room Grade “A” Granite Surface Plate
- Brown & Sharpe Height Gauge with 19” capacity
- CSE Vernier Caliper with 83” maximum measuring capacity
- (2) Sets of Starrett Micrometers, 4” through 13”
- (2) Sets of Mitutoyo Micrometers, 2” through 6”
- Complete set TESA internal micrometers



## Short and Long Production





## WELDING

- Welding steel, alloys, stainless steel, and aluminum
- Stick, Mig and Tig certified
- Large 4'-x-8' steel welding platen
- Weldments
- Prototype through production

## SAW CUTTING

Production cutting:

Wells Automatic Horizontal Bandsaw Model W-9 with 16" W x 12" H capacity.

Johnson Horizontal Bandsaw, 12" W x 12" H capacity

(2) Walker Turner Vertical Bandsaw

## Average Inventory

We have an extensive full line of rounds, flats, angles, and tubing in aluminum, stainless steel, cold rolled and hot rolled.

- 6,000 lbs. aluminum
- 12,000 lbs. C.R. steel
- 3,000 lbs. stainless steel
- 8,000 lbs. H.R. steel
- 11,000 lbs. tubing

**Please note:** We have discounts with several finishers (platers, painters, powder coaters, etc.). All jobs can be supplied complete with finish if desired.

Certification available upon request.

*We proudly invite you to visit our NEW 10,000-sq.-ft. facility!*



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