

# Apex Machining Company, Inc.

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Computer Numerically Controlled (CNC) machining will provide consistent dimensioning of parts, time after time. Apex Machining is a CNC production and prototype machine shop/job shop looking for opportunities for growth. Our capabilities include:

## Lathe Department

### Hardinge Conquest T42 CNC Turning Center:

2" thru spindle size  
13" max turning distance  
Programmable tailstock  
8" 2 and 3 jaw chuck  
Up to 4" I.D. work holding device  
12 tool turret

### Nakamura-Tome TMC-15 Turning Center:

12' hydraulic bar feeder  
1 5/8" bar capacity  
10 tool turret

## Manual Department

Mori Seiki MH-2000:

-24" swing, 106" bed and 3" thru spindle  
Vertical and horizontal milling machines  
Manual arbor presses  
60 ton hydraulic press  
Sunnens Honing machine  
Hyd-Mech automatic horizontal bandsaw  
MIG and TIG welders

## Software

Gibbs CAM  
Master CAM  
AutoVue  
E-Drawings

## In-House Processes

Heat treating  
Impression stamping  
Abrasive blasting  
Tumbling

## Mill Department

### Okuma MA-400HA Space Center:

Pallet changer horizontal spindle mill  
Full fourth axis capability  
61 tool capacity  
Rapid traverse at 2,400 Inches Per Minute (IPM)  
Cutting feeds up to 300 IPM  
15,000 IPM spindle w/high pressure thru tool coolant  
Automatic thermal compensation  
Dual chip conveyor  
Renishaw tooling probe

### Brother TC-32B QT CNC Tapping Center:

Pallet changer with full 4<sup>th</sup> axis  
Special rigid tapping cycles  
27 tool capacity  
1 ½ second chip to chip tool changes  
Rapid traverse speed of 2,600 IPM  
Cutting feeds up to 600 IPM  
16,000 RPM spindle

### OKK Vertical Machining Center:

Vertical spindle 40 taper mill  
Tsudakoma rotary table  
17" x 22" working envelope  
21 tool magazine

### Brother TC-217 Vertical Drilling and Taping Center:

Rotary indexing system  
10,000 RPM spindle  
10 tool capacity

### Lagun Vertical Mill:

40 taper vertical mill  
Open work area