



Colonial Machine Company

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ISO 9001: 2008 with Design

At Colonial Machine Company, man and machine form an innovative partnership to achieve optimum productivity and efficiency. Engineering excellence is reinforced by experienced operators and supervisors producing quality molds with state-of-the-art machine tools and tooling. A firm commitment to CNC-CAD/CAM and continual upgrading of all equipment and operator skills affords Colonial Machine Company a competitive edge industry wide.

Equipment List

CAD/CAM and Support Equipment:

CAD

1 Station: Software - Solid View (for viewing wire frame info in 3-D format)

5 Stations: Software - Solid Works

CAM

1 Stations: Software - Cimatron Technologies

2 Stations: Software - Work NC

We can accept your part files on CD, by e-mail, and FTP site. We prefer Native Solid Works, Pro E, or CadKey translation if possible. engineering Email address is molds@colonial-machine.com for part file information transfer along with our FTP site: <ftp.colonial-machine.com>

Shop Equipment:

Vertical CNC Machining Centers

1-OKK VM7 (High Speed Spindle)
X=61" Y=29" Z=26"

1-OKK VM5 III (20,000 RPM Spindle)
X=40" Y=20" Z=20"

2-YCM Bridge 47x78

1-Haas Vertical 40"x26"x25" (VM3)

1-Haas Vertical CNC 30"x16"x20" (VF2)

1-Haas Vertical CNC 30"x20"x28" (VM2)

1-Haas Vertical CNC 40"x20"x25" (VF3)

1-Haas Vertical CNC 60"x40"x30" (VF8/50)

2-DOOSAN DNM 5700 41"x22"x20"

5-Axis

DMU-85 x=33.5 y=33.5 z=25.6
18,000 RPM spindle

Horizontal Machining Center

1-Parpas SL-90 X=79" Y=41" Z=34"
1-Haas Horizontal 64"x50"x32"
EC-1600, 10,000 RPM

CNC Turning Center

1-Doosan Puma 400 18" Chuck
1-Haas TL2 10" Chuck

EDM Equipment

1-Chamilles-Roboform 810
1-Chamilles-Roboform 40-Tool Changer

Vertical Milling Machines

1-Bridgeports
3-Trak K3 Knee Mill

Radial Drilling Machines

1-Carlton 3'x11" Col.

Drill Presses

1-Allen Variable Speed #3
1-Techni-Drill Gun/BTA

Spotting Press

1-Beckwood Press (Tilt-out top platen)
Clamping area 60"x52"
Stroke opening 56"; 100 ton rated
1-Colonial "Special" 150 Ton 40"x60"

Welders

1-Lincoln Electric
1-Miller Dynasty 350
1-Oxygen & Acetylene
1-Rocklin Mold Mender
1-Thermal Dynamics

Saws

1-Grob Band Saw
1-Marvel Band Saw #8

Special Equipment

1-Meta-Lax Stress Reliever

Grinders

1-Okamoto 33"x17"x17"
1-Delta Toolmaster 6"x12"
1-Cincinnati #2 Tool Grinder
2-Cincinnati Monoset Tool Grinder
1-O.D. Cutter Grinder
1-Gorton Tool & Cutter Grinder
1-Oliver Drill Grinder
1-Chevalier 6"x18"x12" FSG-1224AD
2-Chevalier FSG-618M

Measuring Equipment

1- Brown & Sharp 9128 cmm
x=35 y=47 z=31.5