

Equipment List

CNC Vertical Machining Centers

Matsuura #MC1000VS with 4th axis
Hurco #VMX24i
Hurco #VMX30i with 4th axis
Hurco VMX84 X=84 Y=34 Z=30
Hurco BX60i X=63 Y=51 Z=27

CNC Horizontal Boring Mill

Hurco #HBMX551 with rotary table axis X=55 Y=55 Z=50 W=90

Cambria's CNC Mills have up to 55 inches of travel in the X, Y, and Z axis.

Additional Mills

Bridgeport series #1 with #MPZ Acu-rite control
SIP Boring mill Hydroptic 6A (Bridge Type)
Devlieg 3H-72 (3" spindle)

Grinding

Blanchard Model #No 22
Heald #72A I.D. grinder
Toyoda #GUS32 x50 O.D. grinder
Toyoda #GUP32 x100 O.D. grinder
Regent #1640AHD surface grinder
Mitsui #MSG-205HM surface grinder
Sunstrand 30" rotary surface grinder
Okamoto 25" rotary surface grinder

CNC Lathes

Mori Seiki #SL25B
Hwacheon #Hi-ELO31AA
Hwacheon Cutex 160 with live tooling and bar feeder
Samsung SL35

Our turning centers have a through hole as large as $\varnothing 4.5"$. We are able to chuck your detail any where from $\varnothing 20"$ to $\varnothing .030"$. Our largest lathe can handle a detail $\varnothing 20" \times 60"$ long.

Manual Lathes

Warner Swasey #5M-1240
Lodge & Shipley #1408 — AVS
LeBlond #17
LeBlond #20

Manual lathes are capable of handling a detail up to 10 feet in length.

Wire EDM

Fanuc Robocut with working window of 15"(x), 10"(y), & 9"(Z)

Inspection Equipment

Zeiss Contura CMM
This machine checks parts that fit into 30"(x) x 24"(y) x 24"(z) window. Zeiss performs an annual cleaning and calibration.

Vermont Precision Optical Comparator

Waterjet Machines

Omax 55100
Omax 2652

These machines can cut most material up to 2.5" thick.

Laser Marking Machines

Beamer FB22

From small parts to large parts, this machine is very flexible.