



KASKASKIA TOOL & MACHINE, INC.

Precision CNC Machining | Grinding | Fabrication | Est. 1971

EQUIPMENT & CAPABILITIES

Partial equipment list indicating maximum capabilities

129"

BLANCHARD
GRINDING SWING

119×80"

HORIZONTAL
MILL TRAVELS

80"

GUN DRILL
HOLE DEPTH

63"

VTL TURNING
SWING

12 TON

BRIDGE CRANE
CAPACITY

CNC 5-AXIS MACHINING

Johnford double-column vertical **119" X · 60" Y · 35" Z**
10,000 RPM spindle · 2-axis swivel head
High-pressure thru-spindle coolant

CNC HORIZONTAL MACHINING CENTERS (6)

Daewoo ACE-B130 bar mill, CAT 50 **119" X · 80" Y**
B-axis rotary table, full 4-axis **60-station ATC**
33,000 lb table capacity
OKK MCH800 (3), CAT 50 **81" X · 40" Y**
Twin 32" × 32" pallets · 4th axis
OKK MCH560 (2), CAT 50 **28" X · 22" Y**
Twin 20" × 20" pallets · 4th axis
5th-axis capability via rotary indexer **window to 42" × 90"**

CNC VERTICAL MACHINING CENTERS (7)

OKK verticals, CAT 50 **up to 65" X · 33" Y**

CNC TURNING

Toshiba VTL **63" swing · 49" max height**
60 HP · live tooling · ATC
Slant-bed lathes (2) **to 24" OD × 60" long**
Bar feed capacity **3.75" diameter**

CNC WIRE EDM (2)

Mitsubishi CX20 submerged **33.40" × 25.59" × 11.61"**
Workpiece capacity **1,700 lb**
Mitsubishi wire EDM **19.09" × 13.77" × 11.11" travel**

GUN DRILLING

Deep-hole drilling · heated platens **to 80" deep**

PRECISION GRINDING

Surface grinding **to 42" W × 144" L × 36" H**
Blanchard grinding **to 129" swing × 48" H**

MANUAL MACHINING

Engine lathes **to 36" dia × 144" centers**
Bridgeport mills **digital readouts**

FABRICATION & WELDING

CNC flame / plasma cutting **96" × 240" · to 6" thick**
CNC hydraulic press brake, 2-axis **175 ton × 120"**
Shear **3/16" × 120"**
MIG welders (5) **to 600 A**
Advanced Aerowave TIG **to 375 A**
Automatic submerged arc
Hydraulic press **100 ton · 48" between housings**
AWS-certified welding **steel & aluminum**

INSPECTION & QUALITY

CNC CMMs (2) · PC-DMIS **to 60" × 51" × 39"**
First Article Inspection **per AS9102**
Digital Product Definition **Boeing D6-51991**

ENGINEERING

Multiple CAD/CAM stations
Mastercam · AutoCAD · SpaceClaim
Direct programming of all CNC operations

FACILITY

35,000 sq ft **20,000 mfg · 15,000 warehouse**
Bridge cranes **to 12 ton**

ISO 9001 / AS9100 CERTIFIED | CAGE CODE 0NS01

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