



AALBERS TOOL & MOLD INC.
PRECISION MOLD SPECIALISTS

Equipment List

Established 1982

www.aalberstool.com

CNC FINISHING DEPARTMENT



(4) PROMAC SHARAV GVT 3.5 HIGH-SPEED
5-AXIS MACHINING CENTER
BLUM LASER TOOL SETTING 15,000 RPM
SPINDLE
Machine Travel: X—137" Y—86" Z—47"

(2) EUMACH LBM2000 BRIDGE-TYPE HIGH-SPEED
VERTICAL MACHINING CENTER
18,000 RPM SPINDLE HSK 63A
Machine Travel: X—86" Y—68" Z—25



CNC ROUGHING DEPARTMENT



(1) MAKINO MCC2013
HORIZONTAL MACHINING CENTER
15,000 RPM SPINDLE
Machine Travel: X—78" Y—53" Z—39"

2D DEPARTMENT

DMG MORI DMU 210P 5-AXIS
CNC MACHINING CENTER
12,000 RPM SPINDLE
Machine Travel: X—82" Y—82" Z—49"



(2) AMERASEIKI VB3
DOUBLE COLUMN MACHINING CENTER
6,000 RPM SPINDLE
Machine Travel: X—126" Y—79" Z—47"



(1) KURAKI KBT-11
HORIZONTAL BORING MILL
3,000 RPM SPINDLE
Machine Travel: X—79" Y—59" Z—57" W—20"



(1) KURAKI KBT-13
HORIZONTAL BORING MILL
2,500 RPM SPINDLE
Machine Travel: X—118" Y—79" Z—51" W—27"



COMPONENT DEPARTMENT



(1) DMG MORI DMC 85 MONOBLOCK
HIGH SPEED 5-AXIS VERTICAL
MACHINING CENTER
30,000 RPM SPINDLE
Machine Travel: X—37" Y—33" Z—25"



(1) OKK VP 600 5 AXIS
VERTICAL MACHINING CENTER
20,000 RPM Spindle
Machine Travel: X—44" Y—24" Z—18"



(1) MAKINO A71 – 4-AXIS
HORIZONTAL MACHINING CENTER
10,000 RPM SPINDLE
DUAL PALLETS
FULL 4TH AXIS INDEX
Machine Travel: X—31" Y—29" Z—29"



(1) MAKINO A61 HORIZONTAL
MACHINING CENTER
14,000 RPM SPINDLE
DUAL PALLETS
FULL 4TH AXIS INDEX
Machine Travel: X—23" Y—25" Z—25"



(1) AMERASEIKI T-312 CNC LATHE
3,400 RPM SPINDLE
4,000 RPM LIVE TOOL SPINDLE
C-AXIS SPINDLE POSITIONING
Machine Travel: X—9" Y—20" Z—40"



ROMI C420 LATHE
3,000 RPM SPINDLE
Machine Travel: X—9" Z—40"



(1) OKUMA MC60 VAE
CNC MACHINING CENTER
6,000 RPM SPINDLE
Machine Travel: X—59" Y—24" Z—24"



DMG MORI DMC125U duoBLOCK 5-AXIS
CNC MACHINING CENTER
15,000 RPM SPINDLE
Machine Travel: X—49" Y—49" Z—39"

EDM & CARBON CUTTING



(2) INGERSOLL EAGLE 1200 EDM
Machine Travel: X—39.4" Y—59.0" Z—25.6"
Table Dimensions: 65" x 45"

(1) EDM SOLUTIONS SATURN
HEIDENHAIN TNC 406 32BIT
Machine Travel: X—80" Y—40" Z—24"



(1) MAKINO E33 HIGH-SPEED
GRAPHITE MACHINING CENTER
40,000 RPM SPINDLE
Machine Travel: X—26" Y—18" Z—18"

(2) MAKINO F5 VERTICAL
MACHINING CENTER
20,000 RPM SPINDLE
GRAPHITE PACKAGE & 3R ROBOT
Machine Travel: X—20" Y—36" Z—18"



INGERSOLL EAGLE 1400 EDM
Machine Travel: X—49.2" Y—92.5" Z—35.4"
Table Dimensions: X—59.4" Y—101.2" Z—31.1"

WIRE EDM DEPARTMENT



(1) MITSUBISHI MV4800 WIRE EDM
V350-V AEII POWER SUPPLY
Work Envelope: X—53" Y—43" Z—20"
Machine Travel: X—31" Y—24" Z—20"

(1) MITSUBISHI MV1200-R WIRE EDM
V350-V AEII POWER SUPPLY
Work Envelope: X—32" Y—28" Z—9"
Machine Travel: X—16" Y—12" Z—9"



MISCELLANEOUS EQUIPMENT



(1) MILLUTENSIL MIL 305 SPOTTING PRESS
Workspace: X—118' Y—94"

(1) MILLUTENSIL MIL 203 SPOTTING PRESS
Workspace: X—79" Y—59"

(1) MILLUTENSIL MIL 163 SPOTTING PRESS
Workspace: X—63" Y—51"



(2) FARO EDGE MEASUREMENT ARM
8.9' SPHERICAL WORKING VOLUME
Includes ScanArm laser scanner for non-contact measurement of intricate components.

(1) ALPHALASER AL FLAK 300
LASER WELDER
300W AVERAGE POWER
ARM TRAVEL 59"
Workspace: X—59" Y—39" Z—39"





AALBERS TOOL AND MOLD DE MEXICO S.A. DE C.V. **PRECISION MOLD SPECIALISTS**

AVE. INDUSTRIA DE LA CONSTRUCCION 621-8 PARQUE INDUSTRIAL QUERETARO
SANTA ROSA JAUREGUI, QUERETARO CP 76215 QUERETARO, MEXICO



(1) AMERA SEIKI – AH800
HORIZONTAL MACHINING CENTER
8000 RPM SPINDLE
RENISHAW LASER TOOL SETTING
Machine Travel: X-51" Y-47" Z-47"

(2) EUMACH MC2600P VERTICAL
MACHINING CENTER
8,000 RPM CAT50 SPINDLE
Machine Travel: X—102" Y—35" Z—35"



(1) Feeler FV-800 CNC Machining Center
Automatic Pallet Changer
Machine Travel: X-31" Y-20" Z-18"

(1) MILLUTENSIL MIL 205 SPOTTING PRESS
Workspace: X—79" Y—59"

150T SPOTTING PRESS
85" X 97" X 191"



(1) VANGUARD EDM
HEIDENHAIN TNC 406 32-BIT
Machine Travel: X-18" Y--16" Z—14

(1) EDM SOLUTION SATURN EDM
HEIDENHAIN TNC 406 32-BIT
Machine Travel: X-80" Y-40" Z-24"



(1) ROMER 7525 SE MEASUREMENT ARM
8.2' SPHERICAL WORKING VOLUME

12" x 36" METAL LATHE





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