

Equipment List

CNC Equipment

Parpas ML-120 Horizontal 7-Axis CNC
Travels – X400” x Y138” x Z59” x B59”
Rotary Table capacity – 88,000 lbs
Stationary Table Capacity – 200,000lbs

Awea 4025 – Bridge CNC
Travels - X160” x Y100” x Z36”
Table capacity – 34,000 lbs

Awea 3021 – Bridge CNC
Travels - X120 x Y83” x Z36”
Table capacity – 26,000 lbs

Deckel Maho DMC-1035V 3-Axis VMC
X40.7” x Y22” x Z20.1”

Deckel Maho DMC-835V 3-Axis VMC



X32.8" x Y20" x Z20"

Fadal 6030 – 3-Axis VMC
Travels - X60" x Y30" x Z24"
Table capacity – 6,000 lbs



Fadal 4020 – 3-Axis VMC
Travels - X40" x Y20" x Z24"

MegaMill 6030 – 3-Axis VMC
Travels - X60" x Y30" x Z24"
Table capacity – 6,000 lbs



Makino F5 High Speed Precision – 3-Axis VMC
Travels – X35.7 x Y19.7" x Z17.7"

Makino A71 4-Axis Précision Horizontal Machining Center
Dual Pallet Rotary Table - X28.7 x Y28.7" x Z31.5"

Deckel Maho DMU-50 5-Axis Precision Machining Center
X19.6" x Y17.7" x Z15.7" x B0-115deg x C0-360deg

Deckel Maho DMU-70 5-Axis Precision Machining Center
X29.6" x Y23.6" x Z20.5" x B0-115deg x C0-360deg

Deckel Maho DMU-65 MonoBlock 5-Axis Precision Machining Center



X25.66" x Y25.6" x Z22" x B0-115deg x C0-360deg

Wire EDM Equipment

MakinoDUO43 Wire EDM

Travels – X17.7 x Y11.8" x Z12.6"



Try-Out Presses

Verson 1600 ton – 174" L.R. x 96" F.B. x 52" S.H. / 80" windows

Rolling Bolster

Includes 60" feed line

Verson 1000 ton – 144" L.R. x 60" F.B. x 45" S.H. / 48" windows

Includes 48" feed line

Danly 600 ton – 120" L.R. x 60" F.B. x 56" S.H. / 48" windows

Bliss 500 ton – 96" L.R. x 72" F.B. x 45" S.H. / 48" windows

Danly 400 ton – 78" L.R. x 48" F.B. x 30" S.H. / 28" windows

Includes 24" feed line

Inspection Equipment

Brown & Sharpe CMM

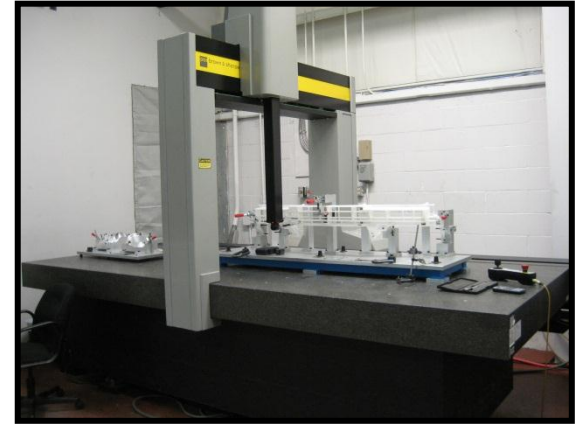
Maximum Lbs: 5000 / Kg: 2300

Axis Travel: 47.2" X 118.1" X 39.4"

Sheffield Measurement CMM

Maximum Lbs: 2500 / Kg: 1300

Axis Travel: 48" X 80" X 29"



Dea Beta Gantry CMM

Maximum Lbs: Unlimited / Kg: Unlimited

Axis Travel: 128" X 72" X 54 Computer Software

Computer Software

Able to internally translate all types of CAD software in IGES format

Design Software – SOLIDWORKS

Simulation Software - DynaForm

Machining Software – Cimatron, Mastercam, Optipath, Vericut, PC-DMIS Cad++

Handling Equipment

27 tonne – Canadian Crane Overhead Crane

15 tonne – Canadian Crane Overhead Crane

2 pcs – Kone 5 tonne Overhead Crane

15 tonne - Kone Overhead Crane

2 tonne L-90 Overhead Crane

16,000 lb Yale Fork Lift Truck

4,000 lb Clark Fork Lift Truck

10 tonne International Flatbed Truck

Conventional Milling Machines

FA 4 AV TOS Vertical Mill – travel X63” x Y14” x Z18”

Fortworth CS-VEM4 Mill – travel X63” x Y18” x Z20”

Kent KTM 380V Turret Mill – travel X48” x Y9” x Z16”

2 pcs - First LC, 1-1/2 VS Mill – travel X42”x Y9” x Z16”

Drilling Machines

MAS V050 Radial Drill

TOS Drill Press

Saw Cutting Machines

Baxter Semi-Automatic Horizontal Bandsaw – capacity 26” x 18”

Vertical Bandsaw T-Jaw 700D – capacity 28” x 30”

Vertical Rollaway Saw

Grinders

TOS BPH 320 Surface Grinder – 40” x 12”

Chevalier Surface Grinder – 12” x 24”

Chevalier FSG618-M Surface Grinder – 18” x 6”

Blanchard Grinder #18 – 36” diameter

Falcon FCG-30 Tool Grinder

Kalamazoo Combination Disc / Belt Sander – 12” / 6”

Double Pedestal Grinder – 10” dia

Metal Lathes

TOS Type SM-40B – 23.5” dia x 82”

Goodway Lathre GW-1660 – 17” dia x 55”

Welding Equipment

ESAB A10 Mig Welder – 400 AMP

Hobart R-400-S Arc Welder – 400 AMP

Canox Sparkler Arc Welder – 220 V

Tig Welder Memco S351 AC/DC 575V

Heat Treat Equipment

Lindberg Heavy-Duty Heat Treat Furnace

Miscellaneous Equipment

48” Brown & Boggs Metal Shear

48” x 24” x 18” Sandblast Cabinet

Rockwell Hardness tester Verson

40 ton Brake Press – 110” length