



Equipment List

Engineering CAD/CAM

Solidworks

IGES, DXF, DWG, VDA, Pro/E, PRT, SLDASM, CATIA, UG, & STEP Viewers

Siemens NX CAD, CAM, CMM

SurfCAM

Esprit

Polyworks

Vertical Machining Center

- 1 Johnford DMC 3000 110" X 118" x 31" Z Capacity Operating with DNC
- 1 YCM NDC 3016 B 60" X 118" Capacity Operating with DNC
- 1 Doosan DNM 500HS 20" X 40" Capacity Operating with DNC
- 1 Doosan DNM-500-II 20" X 40" Capacity Operating with DNC
- 1 Fadal VMC 6535 35" X 65" Operating Capacity with DNC
- 1 Doosan DNM 750 30" X 60" Operating Capacity with DNC

Flow Water Jet

Travel: Y-60", X-120", Z-8"

Paser 3 Cutting Head/50HP-50,000PSI. Flow Master Software

WIRE EDM

- 1 Sodick AQ 400 11" x 15" x 10"
- 1 Sodick AG 600L 23.62" x 15.75" x 13.78"

Tryout/Stamping

- 1 600 Ton Hydraulic – 72" X 144" Bed 8"- 44" Daylight – 36" Stroke (new addition 2023)
- 1 400 Ton Bliss – 42" X 72" Bed 12" Stroke – 45"- 20" Max/Min Shut Height (new addition 2023)
- 1 250 Ton Verson Straight Side - 60" x 108" Bed - Air Cushion 27" Shut Height - 20" Stroke
- 1 250 Ton Verson Straight Side - 52" x 80" Bed - Air Cushion 20" Shut Height - 14" Stroke
- 1 500 Ton Version Straight Side Hydraulic – 48" X 72" Bed 60" Daylight – 48" Stroke (not set-up)
- 1 Press Feed Line/ServoMax SAE II – CoilPak30 30" X .125"
- 1 Press Feed Line/Dallas DPS 3-7-18 82304-E 18" X .125" CHS Feed Roll – MX-318

Additional Tryout Presses

- 1 600 Ton Blow Straight Side - 60" x 144" Bed 32" Shut Height - 14" Stroke (Partner Equipment)
- 1 1600 Ton Verson Straight Side - 72" x 232" Bed (Partner Equipment)

Inspection and Layout

- 1 Brown & Sharpe Global FX 9128 Coordinate Measuring Machine 35.4" x 47.2" x 31.5"
- 1 PC-DMIS DCC CAD++ 2021
- 1 48" x 72" DoAll - Model # 2 Ledge surface Plate Back Granite
- 1 18" x 24" Surface Plate (Precision Scarped)
- 1 24" x 36" Surface Plate (Machined)
- 1 FARO ARM 2100 – Polyworks software

Grinders – Surface

- 1 56" Diameter Blanchard - 42" Chuck
- 1 48" Diameter Blanchard - 42" Chuck
- 1 Chevalier FSG1632ADIII Horizontal Spindle Automatic Down Feed 16" x 32"
- 1 Kent KGS-84AHD Horizontal Spindle Automatic Down Feed 16" x 32"
- 1 Chevalier FSG3A1020 Horizontal Spindle Automatic Down Feed 10" x 20"

Grinders – Misc.

- 1 No. 2 Cincinnati Tool & Cutter Grinder with all Attachments
- 2 No.2 - 6" Boyer - Schultz Profile Grinders

Radial Drills/Drill Presses

- 3 24" Cincinnati Lathe and Tool
- 1 60"-15" Column Carlton Heavy Duty
- 1 Knuth Sinus 400/1500 Precision Lathe

Sawing/Filing/Cutoff

- 1 Model D-916m DoAll Band Saw
- 1 Accurshear Model 625010 10' long ¼" Capacity

Miscellaneous

- 1 10 Ton Traveling Crane
- 2 7 ½ Ton Traveling Cranes / Over Johnford CNC
- 2 ELGI Air Compressor system throughout shop. Models G22-125 & EG 37-125
- 1 12,500 lb. Caterpillar Liftruck
- 1 5,000 lb. Yale Liftruck
- 1 5,000 lb. Nissan Liftruck
- 1 600 Ampere Arc Welder
- 1 Airco-Aircomatic MIG Welding System
- 1 Flat Bed Truck / Maximum Hauling Capacity 24,000 Lbs