



All-American Engineering & Manufacturing, Inc
&
Daro Hinges
Facilities List
All-American Engineering is ISO1009:2008 Registered
Certificate# C2013-03322

CNC MILLING DEPARTMENT

- (3) Haas VF-2SS Vertical Machining Centers with Haas controls, Full 4th axis capability, table feed range 30" X x 18" Y x 18" Z
- (1) Haas VF-4SS Vertical Machining Center with Haas control, Full 4th axis capability, table feed range 50" X x 26" Y x 25" Z
- (1) Supermax Max 1 Rebel Vertical Machining Center with Fanuc Control, table feed range 30" X x 20" Y x 20" Z
- (1) Mitsubishi MV5B Vertical Machining Centers with Fanuc controls, table feed ranges 32" X x 20" Y x 16" Z
- (1) Fadal 3016 Vertical Machining Center with Fadal control, table feed range 30" X x 16" Y x 20" Z
- (1) Fadal 2016 Vertical Machining Center with Fadal control, table feed range 20" X x 16" Y x 20" Z
- (1) Enshu 40 Vertical Machining Center with Fanuc control, table feed range 22" X x 16" Y x 20" Z
- (1) NTC TMC40V Vertical Machining Center with Fanuc control, table feed range 30" X x 17" Y x 20" Z
- (1) Dyna 4800 Vertical Machining Center with Mitsubishi control, table feed range 31" X x 17" Y x 20" Z
- (1) Dyna 4500 Vertical Machining Center with Mitsubishi control, table feed range 20" X x 16" Y x 18" Z
- (1) Daewoo ACE V50 Vertical Machining Center with Mitsubishi control, table feed range 40" X x 20" Y x 20" Z, 20 HP spindle.
- (1) Fadal Model VH65 Indexer and controller
- (3) Haas Model 5C Indexers and Controllers
- (4) Haas Model CRT 210 4th Axis Systems and controllers
- (1) Gibbscam CAD/CAM system/Full 5 Axis capability
- (1) Surfcam Velocity CAD/CAM system
- (1) Teksoft CAD/CAM system

CNC TURNING DEPARTMENT

- (1) Daewoo Puma 200MC Slant bed Turning Center with Autobar automatic bar-feeder and live tooling capability, 2-1/2" through the spindle capacity.
- (1) Daewoo Puma 200 Slant bed Turning Center with SMW 4' bar-feeder.
- (1) Daewoo Puma 10HC, Slant bed Turning Center, 10" swing with 30 HP.
- (1) Daewoo Lynx Slant bed turning center with SMW 4' bar-feeder and 2" through the spindle capacity, tool probing capability.
- (1) Okuma & Howa ACT-20 Slant bed Turning Center with live tooling capabilities, SMW 4' automatic bar-feeder and 2" through the spindle capacity.
- (1) Okuma & Howa ACT-20 Slant bed Turning Center, SMW 12' automatic bar-feeder and 2" through the spindle capacity.
- (1) Amara-Seiki TC-1 Slant bed Turning Center with 12' SMW bar-feeder and 1-3/4" through the spindle capacity.
- (1) Amara-Seiki TC-2L Slant bed Turning Center with 12' SMW bar-feeder and 2" through the spindle capacity.
- (1) Hardinge Conquest GT-gang tooling Turning Center with Harmatic bar-feeder
- (1) Hwacheon HI-ECO 21H BB Slant bed Turning Center

MANUAL MACHINING DEPARTMENT

- (1) Millpost Vertical Mill, Variable speed, vise, collets and clamping kit
- (2) Sharpe Vertical Mill, Variable speed, Accurite Quick Count II readout, vise, collets and clamping kit
- (3) Bridgeport Vertical Mill, Variable speed, Accurite readouts, power feed, vise, collets and clamping kit
- (1) Hardinge TM-UM Horizontal Mill, vise and vertical head
- Rockwell 4 Head gang Drill Press, 12 speeds
- (5) Drill Presses of various manufacture
- (1) News Indexing collet fixture
- (2) Vertical/Horizontal collet fixtures, 5C
- (1) Victor TMK 400mm x 750mm Engine Lathe
- (1) Troyke Model R-12 Rotary Index table
- (1) Moore 12" Rotary Index table
- (1) TRC Tilting Pivot table

SAWING DEPARTMENT

- (1) DoAll C305 Automatic Cutoff Bandsaw
- (1) Kalamazoo H9AW Automatic Cutoff Bandsaw
- (1) Grob 18" Vertical Bandsaw

PRESS ROOM

- (1) 250 Ton Pacific Pressformer with Coilmatic Feeder, Cooper coil straightener, Cooper double decoiler
- (1) 60 Ton Minster Piece Maker with Littell Feeder, Cooper coil straightener, Cooper double decoiler
- (1) 60 Ton Bliss 21-1/2 OBI Punch Press
- (1) 55 Ton OBI Punch Press
- (1) 50 Ton OBI Punch Press
- (1) 45 Ton Komatsu OBI Punch Press
- (3) 40 Ton OBI Punch Presses
- (3) 35 Ton OBI Punch Presses
- (1) 20 Ton OBI Punch Press
- (2) 10 Ton OBI Punch Presses
- (1) Niagara 10 gage, 6' Shear
- (1) 8' Pacific Press Break, Auto back gage
- (1) Pemsarter Fastener Insertion system
- (1) Taumel Assembly Systems Rivet Setter

STAMPING – TOOL ROOM

- (1) Bridgeport Milling Machine with DRO
- (1) Van-Norman 22L Horizontal Milling Machine
- (1) Clausing 13" Swing Tool Room Lathe, 48" bed
- (1) Boyar Schultz 6" x 12" Surface Grinder
- (1) Chevalier FSG-3A1224H Automatic Surface Grinder
- (1) Arboga Radial Arm Drill, 8" Column, Power assist and tilting work table
- (1) Mitsubishi DWC90 Wire Feed EDM

WELDING & BRAZING DEPARTMENT

- (1) Lincoln System 15 **Robotic Welding Cell**, Fanuc Robot and controls, Lincoln 400 Amp Wirefeed welding system and Binzel Torch System
- (1) Miller CP200 Wire Feed Welding System
- (1) Linde 450 Amp Wire Feed Welding System
- (1) 50 KVA Spot Welder with Spotweld Inc Controls
- (1) 75 KVA Spot Welder
- (2) 20 KVA Spot Welder
- (1) Oxy Acetylene Torches

TAPPING DEPARTMENT

- (1) Speedycut Model ST Precision Tapping Machine
- (1) Yuasa Accutap II Precision Tapping Machine
- (5) Tapping Heads of various size and manufacture

ABRASIVE EQUIPMENT

- (1) Sunnen MBB1600 12 Speed Production Hone with tooling
- (3) Kalamazoo 6" x 48" Belt Sanders
- (4) Kalamazoo 1" x 42" Belt Sanders
- (2) Wissota Double head Bench Grinders, modified for deburring
- (1) Accufinish Series II Tool and Cutter sharpener

FINISHING DEPARTMENT

- (1) Hammond Gemini 4 FB Spiratron Vibratory Finishing System
- (1) Tipton US CQ-60 Vibratory Finishing System
- (1) Empire Pro-Finish Sand Blasting System
- (1) Mr. Deburr 36" x 16" Vibratory Finishing System
- Yale Ultra-Sonic Parts Cleaning System
- (1) Burr Bench 4616 Vibratory Finishing System
- (1) Burr Bench 2616 Vibratory Finishing System
- (2) Almco SR2 Vibratory Finishing Systems

INSPECTION EQUIPMENT

- (1) Brown & Sharpe Global Performance Coordinate Measuring Machine, TesaStar Indexing Probe Head, Renishaw Probe, PCDmis CAD + Software and related computer equipment
- (1) Numerex 12" x 18" Manual CMM with Numerex software and related computer equipment
- (1) 48" x 72" Grade A Gray Surface Plate (Rock of Ages)
- (2) Wilson Rockwell Hardness Testers (1= Standard Scale, 1= Superficial)
- (1) Sherr-Tumico 30" Horizontal Optical Comparitor with QuadraChek measuring system, Background and Surface Illumination and power feed in all axis
- (2) Gage Master Finite 20 Optical Comparitors with Readouts
- (3) Brown & Sharpe Tesa Hite Digital measuring gages
- (3) Sunnen Precision Bore Gages, Model PG800 with setting gages
- (1) Meyer Pin gage set, .011"Ø to .625"Ø
- (1) Brown & Sharpe 587 Height Gage with Indicator
- (1) Baush & Lomb Optical Inspection System
- (1) Mitutoyo Surftest 402 Surface Analyzer Profilometer
- (1) Mitutoyo Grade 2 Metric Gage Block Set
- (1) Mitutoyo Borematic Bore Gages, .375"Ø to 4.200"Ø
- (1) 5" x 5" Magnetic Sine Plate
- (1) 5" x 10" Sine Plate
- (1) Cadillac Height Gages with 6" risers
- (1) Various Federal Snap Gages
- (1) Various Thread Plug Gages, 0-80 to 1-1/4-7
- (1) Various Thread Ring Gages
- (1) 24" x 36" Trustone Grade A Surface Plate
- (1) 18" x 24" Grade A Surface Plate
- (1) Gage Block Set for calibration use only
- (5) Gage Block Sets for daily use
- (1) Unknown quantity pin gages
- (1) Unknown quantity thread ring gages, non typical sizes
- (1) Cabinet, ID, OD and special measuring tools of various size and manufacture

SUPPORT EQUIPMENT

- (1) Ingersoll Rand IRN30H, Nirvana Variable Speed Air Compressor System
- (1) Gardner Denver 25 HP Rotary Air Compressor
- (1) Refrigerated Dryer System
- (1) Clark C25 5000# Capacity Forklift
- (1) Various material handling equipment
- (1) JobBoss ERP Software system with associated computers and networking equipment