



STM MANUFACTURING INC.

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MACHINE LIST

UPDATED: January 2023

DESIGN COMPUTERS

(14) HIGH-END CAD WORKSTATIONS

PLOTTER

(1) H.P. DESIGN JET T1600 HPGL2

DESIGN SOFTWARE

CATIA P3 V-5 6R-2020 (1 seat)
UNIGRAPHICS NX-2212 (3 seats)
SOLID EDGE (18 seats)
SOLID WORKS (1 seat)
AUTO-CAD 2019
RHINO
IPA (INTEGRATED PART AUTOMATION)
FASTBLANK 2021
AUTOFORM SIMULATION SOFTWARE R10 (1 seat)

NC SOFTWARE

WORK NC – GIBBS – ESPRIT

BASIC EQUIPMENT

- (1) 25 TON HYDRAULIC DIE SPLITTER
- (9) BRIDGEPORT MILLS WITH DIGITAL READOUT
- (4) LARGE VERTICAL AND HORIZONTAL MILLS
- (1) 15" x 50" CLAUSING GEARED HEAD LATHE
- (7) DRILL PRESSES
- (3) RADIAL ARM DRILL PRESSES
- (2) 12" X 24" AUTOMATIC SURFACE GRINDER
- (3) 16" X 32" AUTOMATIC SURFACE GRINDER
- (3) 6" X 18" MANUAL SURFACE GRINDER
- (3) 6" X 12" MANUAL SURFACE GRINDER
- (1) VERTICAL CONTOUR BAND SAWS (36" CAPACITY)
- (1) HORIZONTAL CUT OFF SAWS
- (1) ROLL IN VERTICAL BAND SAW
- (2) BELT SANDERS
- (1) MILLER 400 AMP WIRE WELDER
- (1) MILLER 300 AMP WIRE WELDER
- (1) MILLER 250 AMP TIG WELDER
- (1) MILLER 400 AMP TIG WELDER

CNC EQUIPMENT

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|-----------------------------|----------------|
| (1) OKK MCV 660 CNC | 28 x 68 table |
| (1) OKK PVC-55 CNC | 20 x 40 table |
| (1) OKK VM 5 CNC | 20 x 40 table |
| (1) OKK MCV 860 CNC | 34 x 90 table |
| (1) OKK VM7 CNC | 29 x 60 table |
| (1) OKK VM 53R CNC | 20 x 40 table |
| (1) VMC VF-4000 BRIDGE MILL | 80 x 165 table |
| (1) HAAS VF-3 CNC | 20 x 40 table |
| (1) OKK VM 76R CNC | 29 x 60 table |

CNC WIRE EDM

(4) SODICK WIRE EDM MACHINES

BORING MILL

(1) SHIBAURA MODEL BFT-13C HORIZONTAL BORING MILL
(71" VERTICAL, 98" LONGITUDINAL, 51" CROSS TRAVEL)

INSPECTION EQUIPMENT

-BROWN & SHARPE 9.15.9 CMM
-BROWN & SHARPE 7.10.7 CMM
-PC-DMIS SOFTWARE WITH CURVES AND SURFACES
-LASER SCANNER (SOLANO KREON SCANFLEX)
-LASER SCAN SOFTWARE - GEOMAGIC CONTROL
-MULTIPLE GRANITE PLATES FOR INSPECTION & LAYOUT
-PIN GAGE SETS
-GAGE BLOCK SETS
-DIGITAL HEIGHT GAGES
-HARDNESS TESTER
-MISCELLANEOUS CALIPERS AND STRAIGHT EDGES

TRYOUT EQUIPMENT

- (1) 2000 TON VERNON PRESS: 84" X 228" WITH FULL COIL FEED LINE
- (1) 800 TON VERNON PRESS: 60" X 142" WITH FULL COIL FEED LINE
- (1) 400 TON VERNON PRESS: 60" X 108" WITH FULL COIL FEED LINE
- (1) 250 TON HAMILTON PRESS: 36" X 84"
- (1) 90 TON PRESS: 36" X 60"
- (1) 45 TON CHICAGO PRESS BRAKE WITH 6' BED

HANDLING EQUIPMENT

- (2) 25 TON BRIDGE CRANES WITH 15 TON AUXILIARY HOIST
- (1) 20 TON BRIDGE CRANE WITH 5 TON AUXILIARY HOIST
- (1) 15 TON BRIDGE CRANE
- (2) 10 TON BRIDGE CRANES
- (2) 10 TON ELECTRIC HOIST WITH POWERED TROLLEYS
- (2) 5 TON ELECTRIC HOIST WITH POWERED TROLLEYS
- (2) 3 TON ELECTRIC HOIST
- (3) 2 TON ELECTRIC HOIST
- (4) 1 TON ELECTRIC HOIST
- (2) 6000# FORK TRUCKS
- (2) 15,000# FORK TRUCK
- (1) 70,000# DIE CART
- (2) ¾ TON PICKUP
- (1) 40,000# CAPACITY FLATBED TRUCK
- (1) 42,000# CAPACITY TRI AXLE TRAILER
- (3) VEHICLES FOR TOOLMAKER TRAVEL

FACILITY

-80,000 SQUARE FEET OF FLOOR SPACE WHICH INCLUDES SEPARATE DESIGN, QUALITY CONTROL AND TOOL CRIB AREA
-3,600 SQUARE FEET OF OFFICE SPACE.