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ITAR REGISTERED

**ISO 9001:2015 Certified; Recertified October 8<sup>th</sup>, 2021 Cert.# 5222**

## **EQUIPMENT LIST**

AS of 3-21-2023

### **WATER JET**

- 1- MAXIEM (OMAX) 1530, TRAVELS 49" X 114" X 3 1/4 HIGH, 5 AXIS AJET CUTTING HEAD UP TO 60 DEG ANGLE W/ 50,000 PSI 30 HP PUMP - NEW 2013

### **WIRE EDM**

- 1- SODICK VL600Q WIRE EDM, TRAVELS 23 5/8 X 15 3/4 X 10 5/8 HIGH, SODICK LN-W CONTROLER, RIDIG LINEAR DRIVES TECHNOLOGY - NEW 2017

### **EDM HOLE POPPER**

- 1- SODICK K1C HOLE DRILLER, TRAVELS 7 7/8 X 11 13/16 X 11 13/16 HIGH - NEW 2003

### **5 AXIS CNC MILL**

- 1- HURCO VMX 42SRTi 5 AXIS SWIVEL HEAD W/ 24" ROTARY, TRAVELS 42" X 24" X 24" HIGH, 12,000 RPM SPINDLE - NEW 2017
- 2- HURCO VMX 60SRTi 5 AXIS SWIVEL HEAD W/ 24" ROTARY, TRAVELS 60" X 26" X 24" HIGH, 12,000 RPM SPINDLE - NEW 2018

### **CNC LATHES**

- 1- OKUMA LB3000 "BIG BORE" 4200 MAX SPINDLE SPEED, 10" CHUCK, 12 STATION TURRET, PART SIZE CAPACITY 16" DIA. X 40" LONG WITH CONVERSATIONAL & NC PROGRAMMING CAPABILITIES - NEW 2013
- 1- MILLTRONICS TL-14 TOOLROOM CNC LATHE, 3000 MAX SPINDLE SPEED, 10" CHUCK, 5C COLLET CLOSER, 8 STATION TURRET, PARTS SIZE CAPACITY 7" X 29" LONG WITH COVERSATIONAL & NC PROGRAMMING CAPABILITIES - NEW 2008

MACHINING SERVICE: 5 AXIS WATERJETTING - 2, 3 & 5 AXIS CNC MILLING - CNC TURNING - WIRE EDM & HOLE POPPING - GRINDING - WELDING - FABRICATION & DESIGN - ASSEMBLY - CMM INSPECTION

### **3 AXIS CNC MILLS**

- 1- MILLTRONICS VM16 8200 SERIES CONTROLLER, TRAVELS 16" X 30", 15,000 RPM SPINDLE NEW 2009
- 1- MILLTRONICS VM16 8200 SERIES CONTROLLER, TRAVELS 16" X 30", 15,000 RPM SPINDLE 1000 PSI Thru Coolant Spindle. - NEW 2015
- 1- MILLTRONICS RW15 8200 SERIES CONTROLLER, TRAVELS 15" X 25" - NEW 2012
- 1- MILLTRONICS RH33II OPEN BED 9000 SERIES CONTROLLER, TRAVELS 33" X 78", 24/15 HP 8000 RPM SPINDLE - NEW 2023
- 1- MILLTRONICS HMC35 HORIZONTAL 7200 SERIES CONTROLLER, TRAVELS Y-35" x X-52" x Z-25" 8000 RPM SPINDLE - NEW 2006

### **2 AXIS CNC MILL**

- 1- MILLTRONICS VK1 W/ CENTURION 7 CONTROLS, 9" X 49" TABLE - NEW 2008

### **JIG GRINDER**

- 1- MOORE G18 TRAVELS - 11 1/4 X 18 3/16 X 16" HIGH - NEW 1977 REBUILT 2011

### **INSPECTION**

- 1- HEXAGON 7.10.7 SHOP FLOOR CMM - MEASURING RANGE X- 27.5 x Y- 39.4 x Z- 25.6 DC241 CONTROLLER, HH-A-T5 AUTOMATIC PROBE HEAD. - FACTORY REFUB. NEW - 1/2021 NEW POLYWORKS INSPECTION SOFTWARE - 10/15/2020
- 1- ROMER 6 AXIS CMM ARM, MODEL # RA7525 WITH COMPLETE INSPECTION & REVERSE ENGINEERING CAPABILITIES - NEW 2013 NEW POLYWORKS INPECTION SOFTWARE - 10/15/2020
- 1- OGP 14" BASIC BENCH OPTICAL COMPARATOR - NEW 2000
- 1- TRIMOS 12" ELECTRONIC HEIGHT GAGE - NEW 2015

## **DESIGN SOFTWARE**

- 1- SOLID WORKS PROFESSIONAL 2013 FOR DESIGN - FIXTURES, TOOLING, DETAIL, REVERSE ENGINEERING, ETC. (UPDATED YEARLY)

## **PROGRAMMING SOFTWARE**

- 1- EDGE CAM 2013 FOR 3 AXIS ADVANCED MILLING CAD/CAM (UPDATED YEARLY)
- 1- EDGE CAM 2017 FOR 5 AXIS ADVANCED MILLING CAD/CAM (UPDATED YEARLY)

## **SURFACE GRINDER**

- 1- REID 6 X 18 PRECISION ROLLERWAY GRINDER  
W/ .0001 DIGITAL READOUT, WALKER ADJUSTABLE MAGNETIC  
CHUCK AND TORRIT DUST COLLECTOR - NEW 1995
- 1- CHEVALIER F5G-1632 AD (16 X 32 TRAVELS) PRECISION WET GRINDER  
W/ .0001 DOWNFEED & ADJUSTABLE MAGNETIC CHUCK - NEW 1994

## **SAWS**

- 1- DAKE/JOHNSON 16" VERTICAL BAND SAW - NEW 2004
- 1- WELLSAW 1316 SWIVEL MITER HEAD HORIZONTAL BAND SAW - NEW 2016

## **WELDERS**

- 1- LINCOLN PRECISION TIG 275 W/ WATER COOLED TORCH  
AND ARC WELDING ATTACHMENTS - NEW 2014
- 1- LINCOLN 350 MP POWER MIG WELDER W/ ALUM. SPOOL GUN - NEW 2017

## **PLASMA CUTTER**

- 1- HYPERTHREM POWERMAX 65 - NEW 2014

## **SURFACE PLATE**

- 1- STARRET- CRYSTAL PINK 24" X 36" WITH STAND
- 1- RAHN - BLACK - 36" X 60" WITH STAND
- 1- MISC - BLACK - 30" X 36"
- 1- SHEFFIELD- 60" x 96" WITH STAND- INSPECTION GRADE A

## **BELT SANDER**

- 1- JET 6" X 48" WITH STAND - NEW 2008
- 1- DAKE - 2" X 48" WITH STAND - NEW 2005