



L.A. MARTIN CO, INC.

MACHINIST SINCE 1928

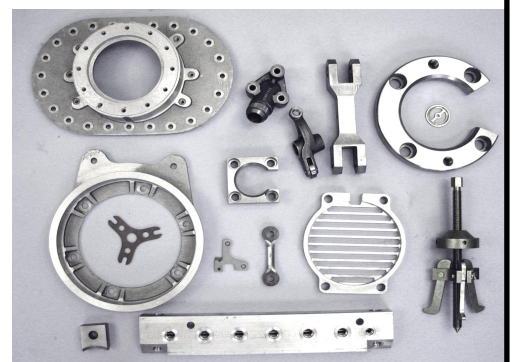
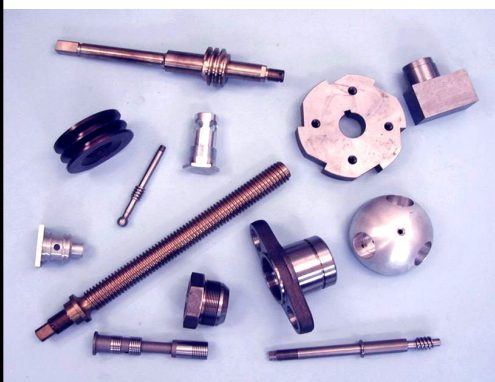
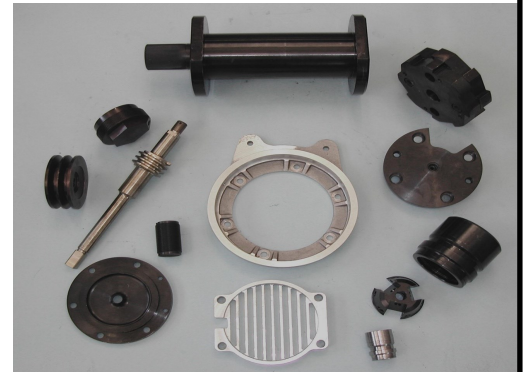
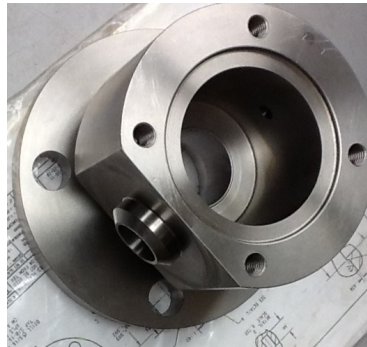
14400 HENN STREET, DEARBORN, MI 48126
313-581-3444 FAX 313-581-4032

EMAIL ADDRESS: sales@lamartincompany.com
www.lamartincompany.com

ISO 9001-2015 Certified
Certificate No.
C2017-00126-R1



We have 20 CNC Turning Centers, 10 CNC Machining Centers, 3 Automatic Screw Machines, and a full completement of manual machinery. We are strongly suited for a wide variety of machining tasks.



Our Facility.

Our manufacturing facilities are located in Dearborn Michigan. We operate out of 2 buildings totaling 30,000 sq ft on 2 3/4 acres.



Family.

We are a family owned and operated company. Louis A. Martin founded the company in 1928. Currently, his son Paul Martin is CEO and his grandson Matt Martin is President.

The people of L.A. Martin are the most important asset. The skills and dedication of our machinist are what has kept this company going for over 90 years.



David Doede Kristen Martin



Some of the guys back in 04



Matt Martin 2013



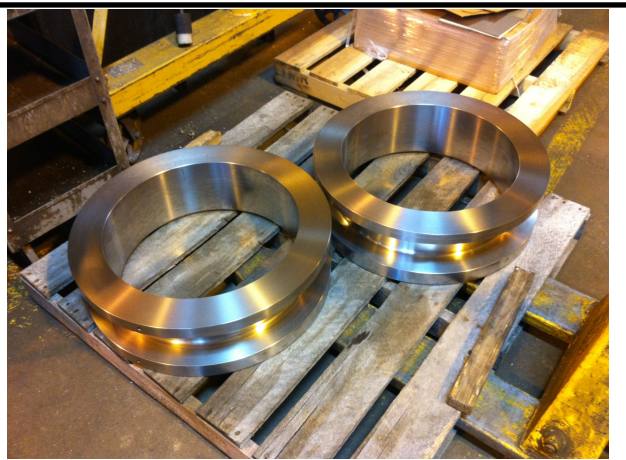
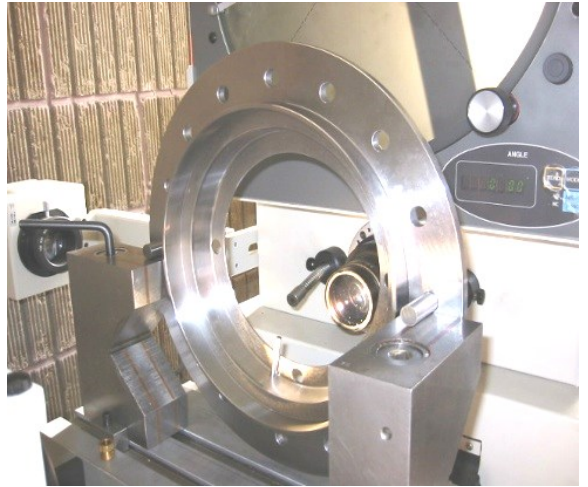
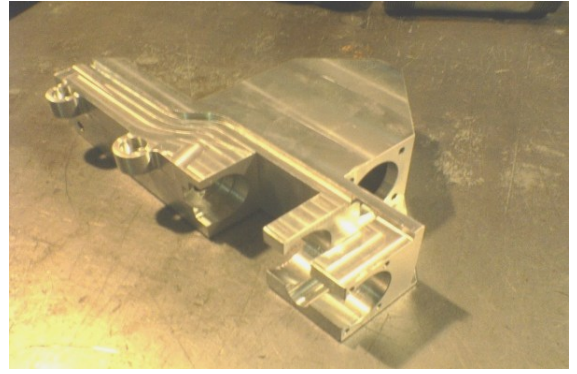
Mr Dean

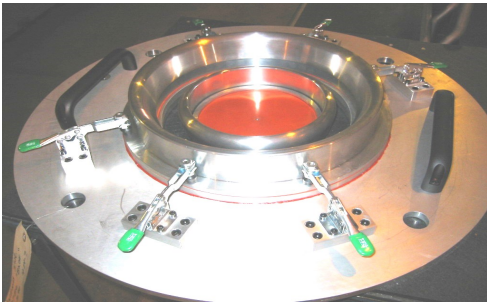
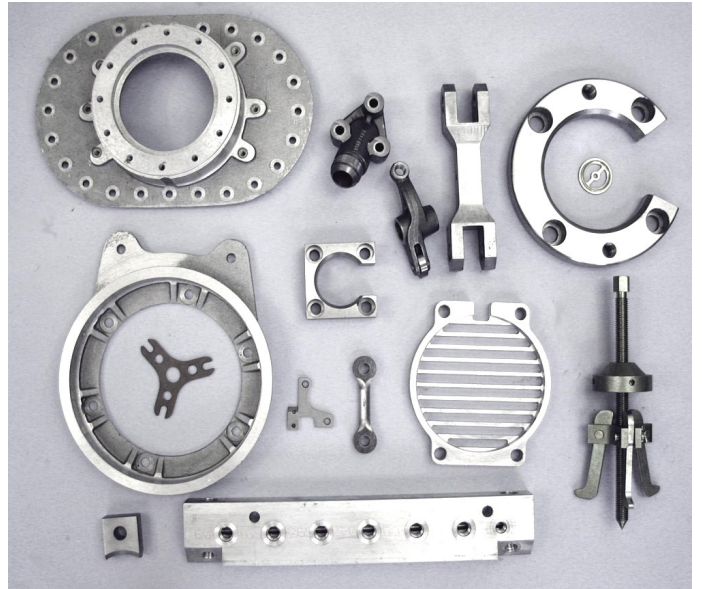


Matt and Paul receiving a delivery award from the DoD.



Matt in 1988, at 8 years old.

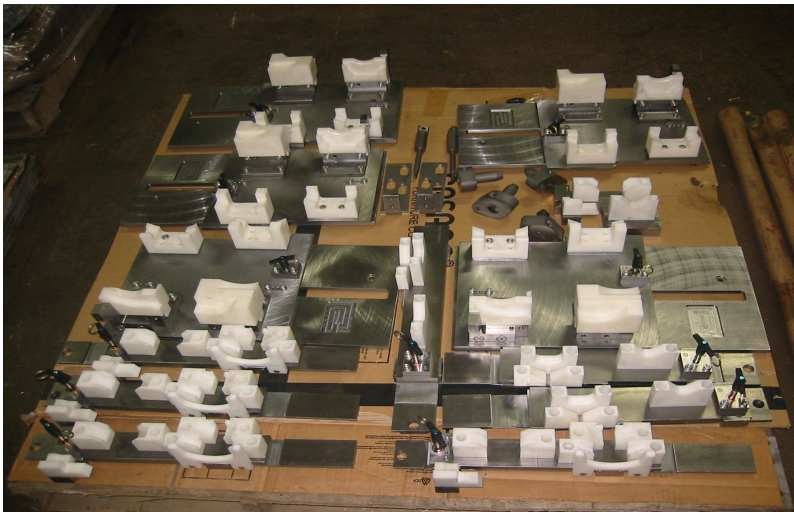




A prototype air flow fixture for an aerospace company.



20" diameter flex plate.



Automotive Detail Work



All items and specialty parts are made to customer specification from a full line of automated and manual equipment.

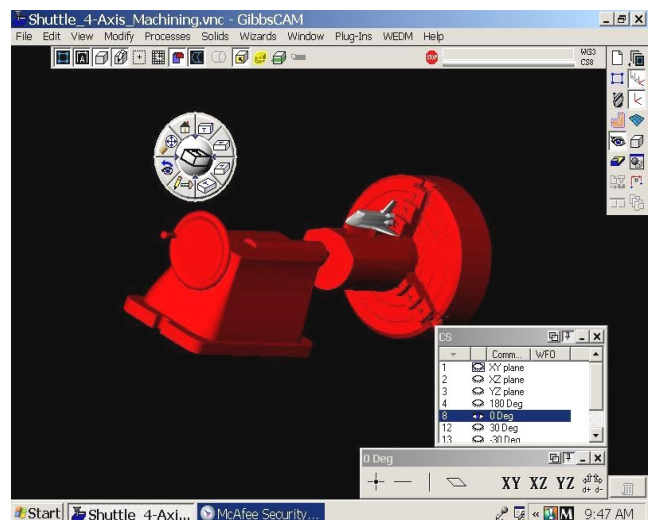
We are large enough to tackle any project, yet small enough to give you personal attention.



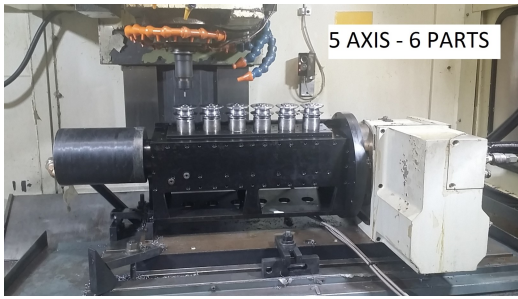
Coupling our versatile manufacturing capabilities with an in-house tool room, computer enhanced manufacturing, complete material handling and thorough quality control procedures, we are equipped to deliver excellent results to our customers.



Manufacturing to high standards, helping our customers, and building lasting relationships is our goal.



We use Gibbscam Cad/Cam software for off-line CNC programming. We can import 3D CAD files directly into our software for faster programming of complex parts.



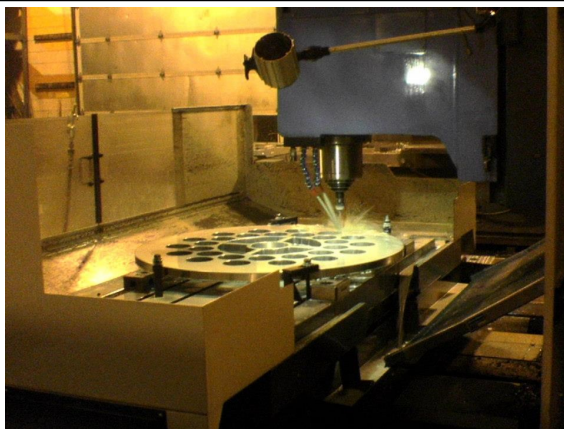
OKUMA HOWA 2SP2
1 OF 3



Makino A-88
Horizontal Machining Center



Superfinisher 1 of 4



Machining a 32" diameter
Titanium ring.



EQUIPMENT LIST



<u>CNC TURNING CENTERS (LATHES)</u>	
1x- HARDINGE GS250	10" CHUCK, 14" DIA CAPACITY, 3" BAR CAPACITY, 25HP, TAILSTOCK, FANUC 0i-TC CONTROL
1x - IKEGAI TU30	15" CHUCK, 24" DIA CAPACITY, FANUC 18i-T, 3.5" SPINDLE BORE, 30 HP
1x – DAINICHI F30	12" CHUCK, 20" SWING X 50" CENTERS, TAILSTOCK, FANUC 21T CONTROL.
1x- HARDINGE TALENT 8/52	8" Chuck Size, 2.05" Bar Capacity, 15 HP Spindle Motor, 5,000 Max RPM, 11" Turning Dia, 18" Swing, 16" Machining Length, Tailstock, Control Fanuc Oi-TB
2x- LEADWELL LTC30BP	12" CHUCK, 30 HP, FANUC CONTROL 48" CENTERS,
1x – LEADWELL LTC30CP	15" CHUCK MACHINE , 40HP, FANUC CONTROL, 4 1/2" SPINDLE BORE ., TAILSTOCK
1x – MIYANO JNC 45	8" CHUCK, PROGRAMMABLE TAIL STOCK. FANUC CONTROL.
1x - DAEWOO 240 MSC (W/6FT MULTI BAR LOADER)	3" BAR CAPACITY WITH LIVE TOOLING & TRUE "C" AXIS, SUB SPINDLE, AUTO BAR LOADER WITH MULTIPLE BAR STORAGE, SPINDLE LOAD MONITOR, HIGH PRESSURE COOLANT
1x – MIYANO JNC 60 (W/4FT MULTI BAR LOADER)	10" CHUCKER OR 2 1/2" BAR CAP. MACHINE HAS SMW AUTOLOAD SYSTEM FOR CONTINUOUS BAR LOADING. FANUC CONTROL.
1x – WASINO LG81	GANG TOOLING, COLLET CHUCK, FANUC CONTROL.
1x – DAEWOO PUMA 240S	12" CHUCK, 30 HP FANUC 21T CONTROL 3" SPINDLE BORE
1x – TAKISAWA TT-200 (W/16 PALLET GANTRY LOADER)	TWIN SPINDLE, TWIN TURRET , CHUCKER, DUAL 8" CHUCKS, TWIN TURRETS, 15 HP, 16 PALLET AUTOMATIC GANTRY LOADER , DUAL RENISHAW PART INSPECTION PROBES, TOOL LOAD & LIFE MONITORS, DUAL FANUC 21i-T CONTROLLERS.
2x – OKUMA HOWA 2SP2	TWIN SPINDLE, TWIN TURRET , DUAL 8" CHUCKS, TWIN TURRETS, 15 HP
1x – OKUMA HOWA 2SP3	TWIN SPINDLE, TWIN TURRET , DUAL 10" CHUCKS, TWIN TURRETS, 25 HP
1x – MIYANO BNC 34T (W/12FT BAR FEEDER)	1 3/8" RD BAR CAP W/DUAL TURRETS, BROWN & SHARPE STYLE, FANUC CONTROL.
1x- DOOSAN 340ZL (W/4FT AUTO BAR LOADER)	3" BAR CAPACITY , 4FT SERVO BARFEED, AUTO BAR LOADER WITH MULTIPLE BAR STOAGE, SUB SPINDLE, TWO TURRETS, "C" AXIS, LIVE TOOLING, FANUC 18i-T CONTROL.
1x – MIYANO BND 34S3L (W/12FT BAR FEEDER)	1.625" RD BAR CAP W/SUB SPINDLE FOR BACK END WORK. LIVE TOOLING FOR CROSS HOLE DRILLING AND MILLING. FANUC 18T CONTROL.
1x- MORI SEIKI DL-150Y	DUAL 6-1/2" CHUCKS, TWO 12 STATION TURRETS WITH FULL MILLING (C&Y AXIS) , 10HP , FANUC 18T CONTROL.

<u>SCREW MACHINE DEPARTMENT</u>	
1 – #2 B&S (CNC CONTROL)	ULTRAMATIC 1-1/4" CAPACITY W/4 SLIDES & 4 SPD, SERVO CAM CNC CONTROL,
1- 2G B&S (LIPE BAR FEED)	1 1/4" CAPACITY, W/AUTOMATIC BAR LOADING FOR SHAFT WORK W/SLOTING ATTACHMENT
1 – #3 B&S (CNC CONTROL)	ULTRAMATIC 2-3/8" CAPACITY W/4 SLIDES & 4 SPD, SERVO CAM CNC CONTROL,
2- HARDINGE HC	FLAT BED CHUCKER 5C COLLET W/AUTO THREADING.
1 – FEELER	HARDINGE TYPE 6 POSITION TURRET 5C COLLET.

EQUIPMENT LIST CON'T

<u>CNC MACHINING CENTERS (MILLS)</u>	
<u>VERTICAL MACHINING CENTERS</u>	
1x – LEADWELL MCV1300P	52" X 30" X 24" 50 TAPER SPINDLE, 25HP, 20 TOOL CHANGER, FANUC OMF CONTROL, RENISHAW PROBE, 4TH AXIS INDEXER
1x – LEADWELL V40	40"X20"X20" TRAVELS, 20 TOOL CHANGER, FANUC 21M CONTROL, RENISHAW PROBE, 8K RPM, 15HP, YUASA 8" 2 AXIS INDEXER (MACHINE CAN DO 5 AXIS POSITIONAL)
1x – LEADWELL MCV1000AR	40" X 20" X 20" TRAVEL, 24 TOOLS, OM FANUC CONTROL, 4TH AXIS INDEXER, RIGID TAPPING. RENISHAW PROBE
1x- LEADWELL MCV-760CR	30" X 20" X 20" TRAVEL, SWM PALLET CHANGER W/ 6 TABLES, 24 TOOLS, FANUC CONTROL, 15 HP, RENISHAW PROBE, RIGID TAPPING, YUASA 8" 2 AXIS INDEXER (MACHINE CAN DO 5 AXIS POSITIONAL)
1x – LEADWELL MCV-1000AP	40" X 20" X 20" TRAVEL, 24 TOOLS, OM FANUC CONTROL, 4TH AXIS INDEXER, RIGID TAPPING. RENISHAW PROBE
1x – FANUC ROBODRILL T21IE-APC	25" X 15" X 12" TRAVEL, DUAL PALLETS, 21 TOOLS, RENISHAW PROBE, FANUC 16i CONTROL, 6 SECOND PALLET CHANGE, 1989 RAPIDS, 1.5 SECONDS TO CHANGE TOOLS,
1x - BRIDGEPORT MILLSTAR	KNEE TYPE TURRET MILL, TOOL ROOM USE, FOR SHORT RUN JOBS, MITUTOYO MILLSTAR CNC CONTROL. R8 COLLET. STANDARD BRIDGEPORT TYPE.
1x – FANUC ROBODRILL T14IA	20"X15"X12" TRAVELS AT 1989 INCHES PER MINUTE. TOOL CHANGE TIME 1.5 SECONDS, FANUC 16i-M CONTROL, RENISHAW INSPECTION PROBE, FAST LITTLE MACHINE.
<u>HORIZONTAL MACHINING CENTERS</u>	
1x – MAKINO A-88 HMC	35"X 31"X 38" DUAL AUTOMATIC PALLET CHANGER, 24" PALLETS, 1,998 IPM RAPIDS, 1200PSI THRU THE SPINDLE COOLANT, FANUC PRO 3 CONTROL, 1.7 SECOND TOOL CHANGE TIME, 132 TOOL CAPACITY , 50 TAPER, 12,000 RPM, RIGID TAPPING, TRUE 4TH AXIS, 40 HP. RENISHAW PROBE, ADAPTIVE CONTROL, SPINDLE LOAD MONITOR, SPARE TOOL SELECTION, BROKEN TOOL DETECTION.....
1x – KITAMURA H400 HMC	24"X 20"X 20" TRAVELS, DUAL 15.7" PALLETS, 100 TOOLS , FULL 4TH AXIS WITH POSITIONAL 5TH AXIS, THRU SPINDLE COOLANT, 10K RPM SPINDLE, AUTOMATIC PALLET CHANGER, 5 AXIS (4+1 INDEX),
1x – KITAMURA HX400IF	24"X 20"X 20" TRAVELS, DUAL 15.7" PALLETS, RENISHAW PROBE, FANUC, 50 TOOL ATC, 13,000 RPM, 3 RANGE TRANSMISSION, 30HP SPINDLE, FANUC 16i CONTROL, 1200 PSI THRU SPINDLE COOLANT, 1998 RAPIDS, TOOL LOAD MONITORING.

<u>MILL AND DRILL EQUIPMENT</u>	
1 – KENT OWENS	1-14 PRODUCTION MILL, AUTOMATIC CYCLE.
1 – CINCINNATI	2-24 PRODUCTION MILL, AUTO-CYCLE.
5 – BRIDGEPORTS	TYPE VERTICAL MILL W/READOUTS, POWER DRAW BAR, & POWER FEEDS.
1 – P&D	SCREW SLOTTER ROTARY MILL.
1 – ROUSE AIR-HYD MILL	WOODRUFF KEY CUTTING AUTO-CYCLE.
+10 -DRILL PRESSES	UP TO 3" CAPACITY DRILLING AUTO-CYCLE.
1 – KENT OWENS	2V HORIZONTAL PRODUCTION MILL, AUTOMATIC Z AXIS.
1 – K & T	2H PRODUCTION MILL, AUTOMATIC CYCLE.

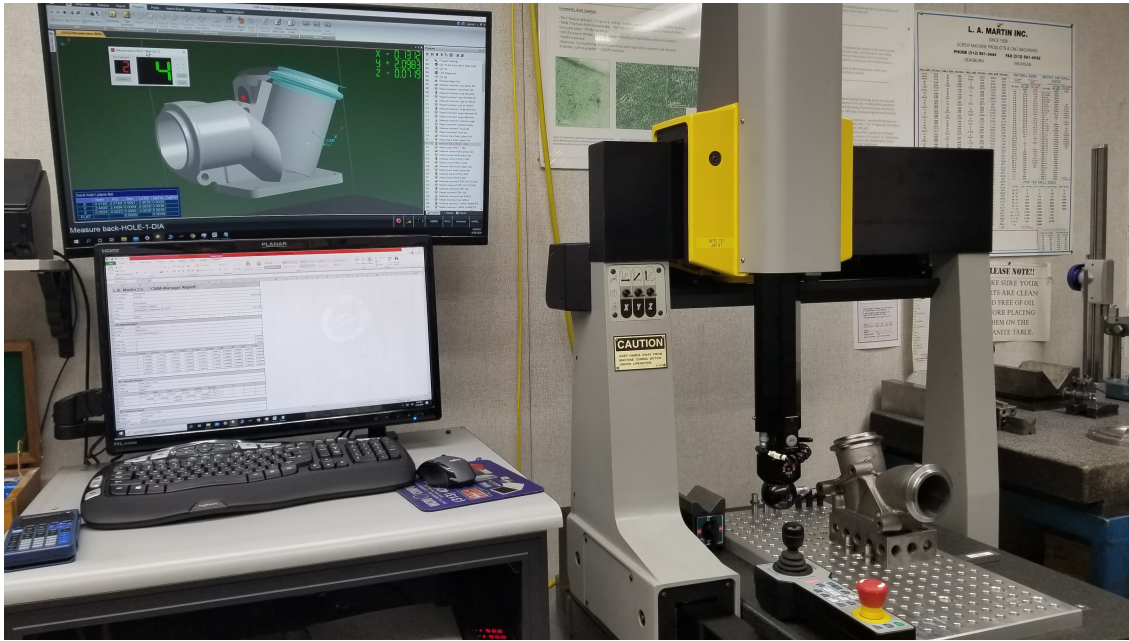
<u>GRINDING EQUIPMENT</u>	
2 – BOYER SHULTZ	SURFACE GRINDER 6" X 12" W/ELECTRO MAGNETIC CHUCK.
1 – SUNNEN HONE	MODEL 1802 W/POWER STROKE & AUTO SIZING.
3 – DRILL & TAP	SHARPENING MACHINES TO 3" CAPACITY W/RADIAL RELIEF CAP.
1 – #2 CINCINNATI	CUTTER GRINDER WITH ATTACHMENTS.
1 – OKAMOTO	SURFFACE GRINDER -12" X 24" 3 AXIS AUTOMATIC DOWNFEED, WET GRINDER
4 – SUPERFINISHERS	SUPERFINISH FROM 3/16" DIA TO 8" DIA X 30 INCH LENGTH@ 2 MICRO OR BETTER. (CHROMED RODS TO 1 MICRO)

EQUIPMENT LIST CON'T

MISC. EQUIPMENT

1	Springfield engine lathe 16" x 60" centers, well tooled.
1	LeBlond 15" x 30" lathe, inch/metric threading with DRO.
1	DOALL DC330NC automatic saw- 1-1/4" blade, 5 HP, 13" capacity, w/ autofeed.
1	Ramco 30" vertical saw with power feed.
1	Wells horizontal cut off saw 10" capacity.
1	Spiral type parts washer 3000lbs capacity per hour
3	Vertical motion parts washer 24" x 24" basket.
+7*	Belt sanders.
1	3D Printer –Bambu Lab P1S with 4 color auto changer– 10" square table capacity.
+15	Yuasa Programmable rotary indexers. Typically used on CNC machining centers.

1	Heim 32 ton punch press —
1	LaPointe 15HP horizontal type broach machine 7 1/2 ton 48" stroke, good selection of standard & special broaches
1	Greenfield straightening press.
2	Bar and deburring machines, 1 shop type, 1 mill type
3	Roll marking machines
1	Laser Marking Machine with rotary axis. 50 watt MOPA fiber type laser. For Laser marking of logos, serial numbers, part numbers, pictures etc. on metals.
4	"Vibro-peen" Pin Punch Marking Machines. For marking of logos, serial numbers, part numbers,
1	Miller mig welder 350amp, wire feed welder
1	Miller tig welder, liquid cooled.
1	Vibratory finisher (tumbler) 3/4 cubic ft capacity
8*	Computer systems for RS232 loading of CNC machine programs
2	Seats of Gibbscam CAD/CAM software for CNC programming. All fixtures and programs are documented and saved for future orders.
	ERP / MRP computer software system for job tracking, using multiple computers in our manufacturing area and our office.
3	HILO'S/FORKLIFTS— TO 15,000LBS CAPACITY



INSPECTION EQUIPMENT

WE HAVE A CLIMATE CONTROLLED INSPECTION ROOM. ALL INSPECTION ROOM EQUIPMENT IS CERTIFIED TO DEFENSE DEPARTMENT ISO9001.

Gage calibration history is computer tracked. Beyond typical serial no & calibration sticker tagging & recording, gage photos are also attached to computer calibration history to help verify gage identity.

1	CMM –COORDINATE MEASURING MACHINE -BROWN AND SHARPE PFX 4-5-4 DCC PROGRAMMABLE TYPE CMM, CMM MANAGER SOFTWARE 2020, SOLID MODEL IMPORT ABILITY, RENISHAW 5 AXIS PROGRAMMABLE HEAD W/TP20 QUICK CHANGE MODULE ABILITY, MANY PROBE HEADS & STYLUS IN OUR INVENTORY. LASER CALIBRATED TO NATIONAL STANDARDS, BALL TEC MASTER GAGE OWNED FOR VERIFICATION OF VOLUMETRIC REPEATABILITY. MITUTOYO MASTER CALIBRATION SPHERE.
3	Mitutoyo 14" comparators w/geo check, SPC series DRO systems.
1	Jones & Lamson 14" optical comparator w/readouts.
4	Sheffield comparators.
1	Rockwell C Hardness tester & 1 Rockwell Superficial Hardness Tester.
1	Mitutoyo Roundness Testing Unit with printer
3	Surfometer systems for checking surface roughness. Two Mitutoyo portable surfometer units for checking at the point of manufacture.
	Multiple Gage block sets: Webber, Mitutoyo, etc., Master set calibrated at laboratory.
8*	Multiple certified/calibrated granite surface plates ranging to 24"x48"
+50*	Misc. micrometers to 24" capacity in English and metric.
+20*	Calipers of various ranges and manufacturers. Max digital size is 48" capacity Mitutoyo. We have caliper extensions to +96"
+30*	Bore gages to 14" ID capacity
4	Sets of cylindrical plug gages .032" to 1.015"
+6*	Heights gages, to 24" w/SPC connection, 2 master height gages one each Metric and English
2	Plating thickness gages *
1	Renishaw QC-10 ball bar system for CNC machine position inspection.
	Hundreds of thread plug and ring gages certified to 5" diameter, digital and dial indicators to .0001 resolution,
	Plus much more.... (denotes an estimate number)



**PERRY JOHNSON
REGISTRARS, INC.**

Certificate of Registration

Perry Johnson Registrars, Inc., has audited the Quality Management System of:

L.A. Martin, Inc. & Die, Mold & Automation Components, Inc.

14400 Henn Street, Dearborn, MI 48126 United States

(This single site has more than one location. See appendix for details.)

*(Hereinafter called the Organization) and hereby declares that
Organization is in conformance with:*

ISO 9001:2015

This Registration is in respect to the following scope:

Manufacture of Screw Machine Products with CNC Turning and Milling

This Registration is granted subject to the system rules governing the Registration referred to above, and the Organization hereby covenants with the Assessment body duty to observe and comply with the said rules.



Terry Boboige

Terry Boboige, President

Perry Johnson Registrars, Inc. (PJR)
755 West Big Beaver Road, Suite 1340
Troy, Michigan 48084
(248) 358-3388

The validity of this certificate is dependent upon ongoing surveillance.

Effective Date: January 9, 2023
Expiration Date: January 8, 2026

Certificate No.: C2023-00085
Page 1 of 2



PERRY JOHNSON REGISTRARS, INC.

Appendix

*14400 Henn Street,
Dearborn, MI 48126 United States*

Manufacture

*14390 Henn Street,
Dearborn, MI 48126 United States*

Assembly

Terry Boboige

Terry Boboige, President

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