



COMPANY OVERVIEW



Lightning Tool & Manufacturing, Inc.

4642 W. Selway Ave.

Post Falls, ID 83854

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Web address www.ltm-inc.com

INTRODUCTIONS:

- Jeff Lange – General Manager
- Mary Lange – Office Manager
- Sharalynn Richardson - Customer Service
- Mark Adams – Project Management and Business Development
- Mark Laughman – Project Management and Business Development

COMPANY BIO

- Established in 2000
- 40 employees
- Veteran owned
- ITAR Registered.
- ISO 9001-2015 Certified, expiration 2024-07-22.
- 25,000 square feet of manufacturing and warehouse space.
- Hours of operations are currently 5 days a week, 18 hrs. / day
- Reach and RoHS compliant.
- DUNS # 091912761

LOCATION – POST FALLS, ID



LTM EQUIPMENT LIST: HIGH SPEED CNC, LATHE AND PLASTIC INJECTION MOLDING MACHINES

3	HAAS	VF-3 SSYT	40 x 24 x 24 (XYZ)	4 and 5 Axis
1	HAAS	VF-2	30 x 16 x 24 (XYZ)	4 Axis
1	FADAL	4020	40 x 20 x 20 (XYZ)	4 Axis
1	Doosan	Lynx 2100LSYB	Multi-Axis\Sub-Spindle	6 Axis
1	ARBURG	270C Golden Edition	2 ounce shot size	44 Clamp tons
1	NISSEI	FNX-III Series	6.1 ounce shot size	110 Clamp tons
1	ARBURG	420C Golden Edition	6 ounce shot size	110 Clamp tons
3	ARBURG	570C Golden Edition	16 ounce shot size	220 Clamp tons
1	ARBURG	630S-2500-1300	1.395 pound shot size	275 Clamp tons
1	ARBURG	820S-4000-3200 + psi pkg.	3.7 pound shot size	500 Clamp tons
1	NISSEI	FVX660-310L	6.69 pound shot size	720 Clamp tons

QUALITY SYSTEMS / SUPPORT

- ISO 9001-2015 Certified Quality System.
- Certified / Documented calibration of all measuring equipment
- Master 3D Gage Portable CMM
- Brown & Sharpe CMM
- Mitutoyo Optical Comparator Model PH-R14
- ISO Certified Calibration program for all measurement equipment.
- First Off / First Article processes and optional cpk reports
- Standard Work Instructions
- Production boards
- Go / No Go Poke Yoke gauges and fixtures
- Process improvement monitoring and continuous improvement driven by data collection
- Performance Metrics continuous monitoring
- Both Internal and External Discrepant part tracking

LTM MARKETS SERVED: MOLDED AND MACHINED

LTM has over 170 active customers in the following fields:

- Sporting arms , Mil spec., and LE products
- High performance optics components
- Aerospace products both injection molded and machined
- Agricultural products and components.
- Medical noninvasive enclosures, suture tools, appliances
- Biomedical Technology companies
- Electronic housings, light bezels, light pipes, IR bezels, and internal components
- Consumer products
- Fuel systems and Diesel performance products.

LTM CAPABILITIES: HOW WE GET IT DONE!

- 3D printing with Sindoh 3DWOX 2X Printer
- High speed machining
- Injection mold tool making
- Injection molded parts from .1 gram to over 6 pounds
- 3 axis robotic equipment
- Soft Touch Overmolding, Polymer over Metal, Polymer over Polymer and Lens Overmolding,
- Metal to plastic conversions
- Fixtures, gauges, casting tools
- Always current SolidWorks, CamWorks,
- Sonic Welding, Heat staking, Light assembly.
- Film Insert molding and more
- Outsource capabilities for heat treating, Chem Film, anodize, Laser engraving, Pad printing, Hot foil stamping and painting using ISO / AS and NADCAP certified suppliers

LTM PERFORMANCE

- Goal of 99% or higher On Time delivery rating (Actual 2020 performance was 98.1%)
- Goal of 99% or higher Quality rating to date (Actual 2020 performance was 99.37%)
- 99% or better Internal planned to actual production efficiency
- Machining Internal scrap of less than .5%
- Injection Molding Internal scrap rate of .54% for 2021.
- Over \$5.7 million in sales with an over 30% increase from 2020.
- Internal monitoring of all business metrics to continually improve performance in all areas of business to provide the highest quality, delivery performance and pricing to our amazing and diverse customers.

MOLDED PRODUCT GALLERY CONTINUED:



THANK YOU!

