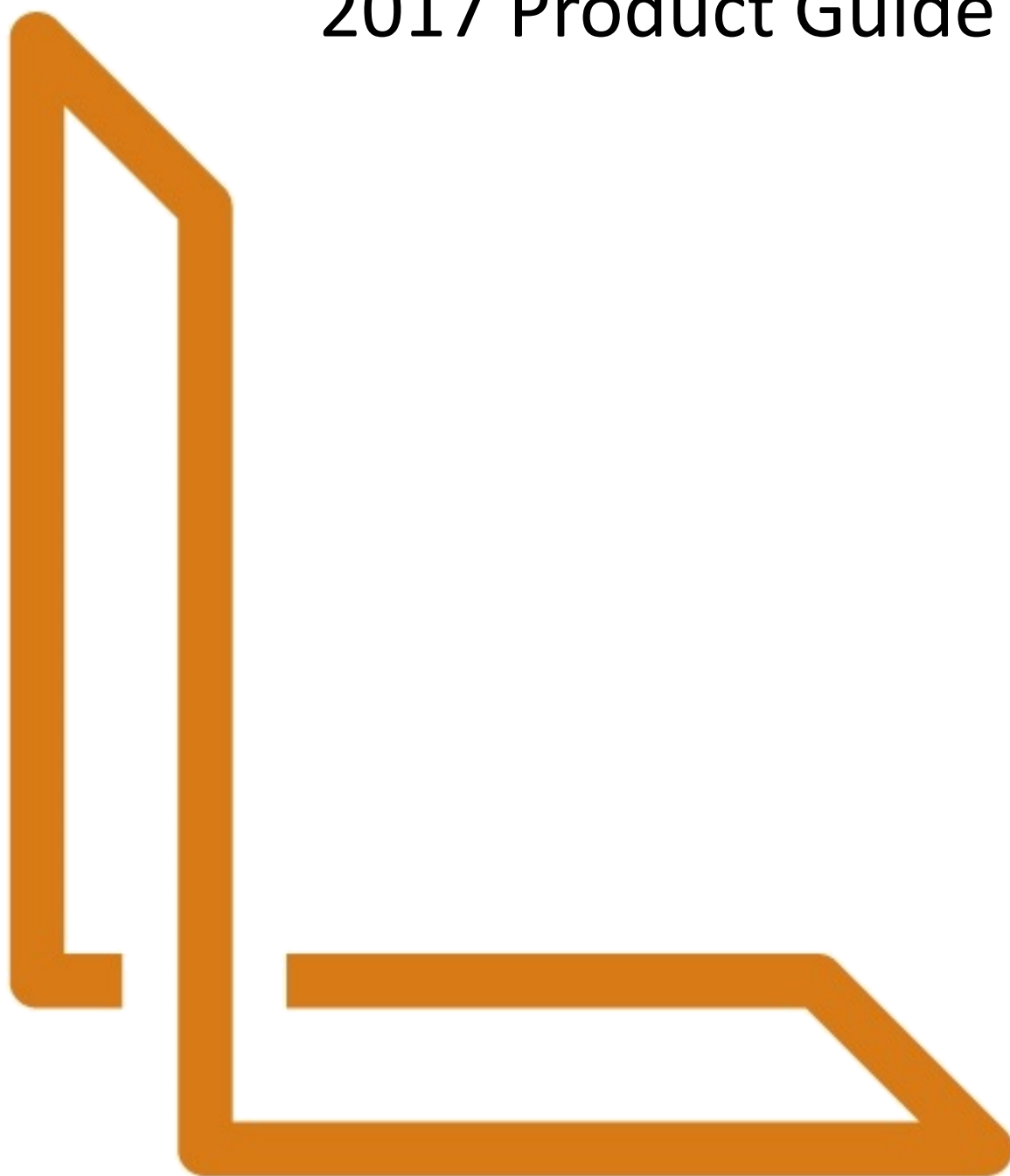


2017 Product Guide



LIVONIA

TOOL & LASER

CUSTOM PACKAGING SOLUTIONS

Powder Coating



Since 1943, Livonia Tool & Laser has provided high-quality products for the material handling and fabrication industries.

Family owned and operated, we have built our reputation with uncompromising quality and customer service.

Steel Fabrication



With an in-house design & engineering staff, ISO 9001 Certification, AWS certified Welding Specialists and 178,000 sq ft of fabrication space, we will meet and exceed your expectations.

Laser Cutting



Certifications

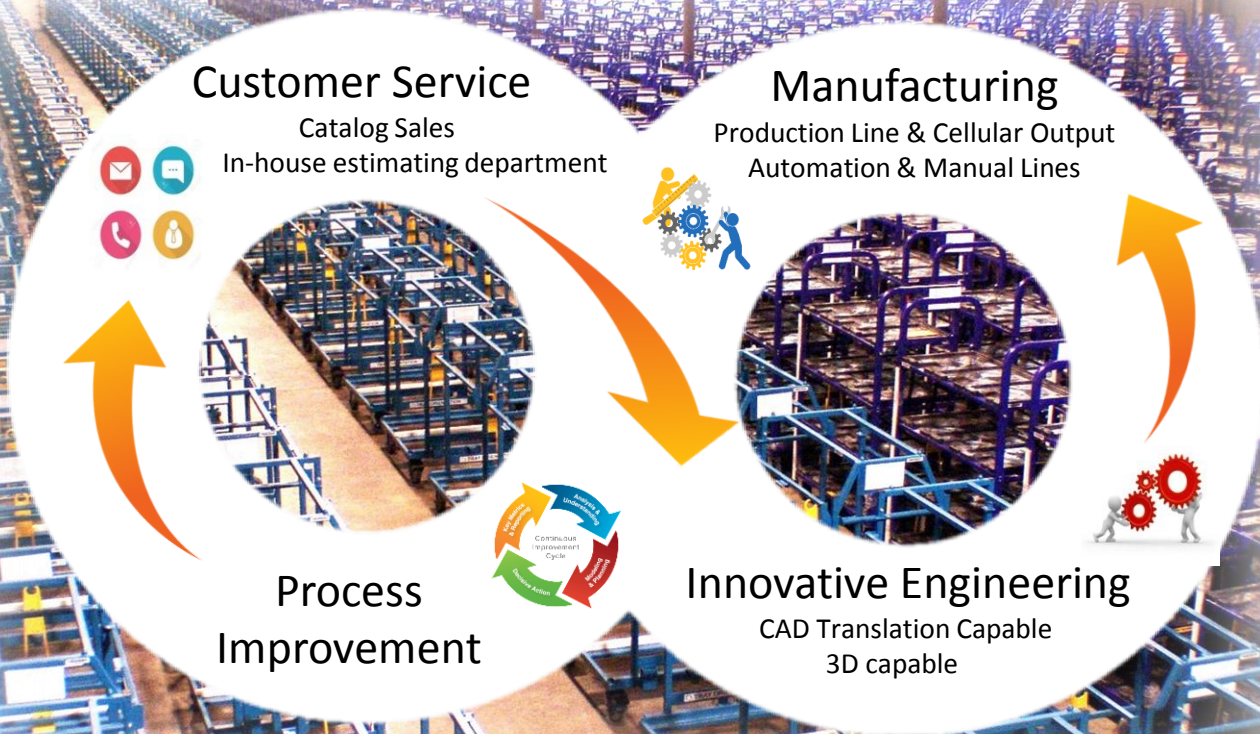
- Certified 100% veteran owned
- ISO 9001 certified
- ITAR compliant
- Made in the USA
- AWS Certified Welders

Steel Stampings



Our Mission is to Design, Fabricate and Deliver On-time, High-Quality Fabrication, Stamping and Laser-cut Products through Innovation, Sustainability and Communication.

How we do it



Industries we serve

- ✓ Material Handling
- ✓ Department of Defense
- ✓ U.S. Postal Service
- ✓ Appliance
- ✓ Automotive
- ✓ Construction
- ✓ Railroad
- ✓ Tires
- ✓ Retail
- ✓ Food & Agriculture
- ✓ Decking & Siding
- ✓ Paper & Film

Equipment we use

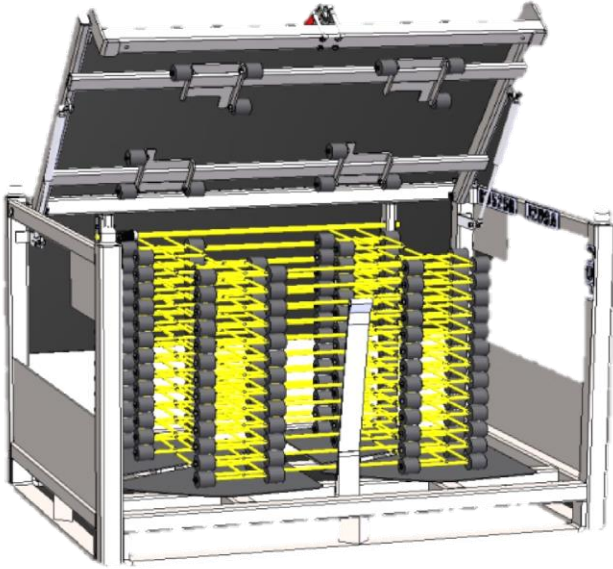
FADAL Vertical Machining Center
HYUNDAI-KIA CNC Vert Machining Ctr
MITSUBISHI CNC Wire EDM
(2) ACCUPRESS 3-Axis Hyd Press Brakes
NIAGARA Hydraulic Press Brake
TSUNE CNC Horizontal Circular Saw
HE&M Horizontal Band Saw
Tumble Barrel Finishing Machine
Williams Bridge Crane
Detroit Hoist Bridge Crane
VIRTEX Laser QC CNC CMM
ROMER Portable CMM

Aida model NC1-220 Frame Press
(4) Aida Model NC1-165 Frame Presses
(2) Aida Model NC1-121 Frame Presses
(3) Aida Model NC1-88 Frame Presses
(2) CMC Clearing 400-ton 2 Pt Str Side Presses
Verson Model SE 2-500-84-48 Side Press
HPM MODEL 17-400 Straight Side Press
BLM / ADIGE CNC Tube Laser
BLM Group CNC Electric Tube Bender
(1) MITSUBISHI 3-Axis Laser Cutting Machine
(3) MAZAK 3-Axis CNC Laser Cutting Machines
(1) MAZAK 6-Axis CNC Laser Cutting Machine

(17) FANUC Arc Mate 120iB 10L w/R30iA controllers
(6) FANUC Arc Mate 100i Robotic MIG Welders
(2) NACHI 6-Axis Robotic MIG Welders
(1) FANUC 710C Robotic MIG Welders
(1) FANUC 430 Robotic MIG Welder
(3) 6-Axis FANUC Articulating Mat'l Handling Robots
(2) ROBO-VENT Air Filtration Systems
(34) MILLER/LINCOLN Welding Units
HYPERTHERM Automated Plasma Table
2-Station Weld Robotic Trunion
2-Station Weld Robotic Turntable
MAZAK Material Storage Tower

Fabrication

'organize your supply chain & effectively manage shipments'



FROM CONCEPT TO COMPLETION



MULTIPLE TABLE LASERS, TUBE LASER, TUBE BENDING, STAMPING, ROBOTIC / MANUAL WELDING and a 900 ft POWDER COAT Line, reduces your fixture costs and supports fast turn around of a superior product.

Fabrication



*Discover why we are the supplier of choice
for the Material-Handling Industry*

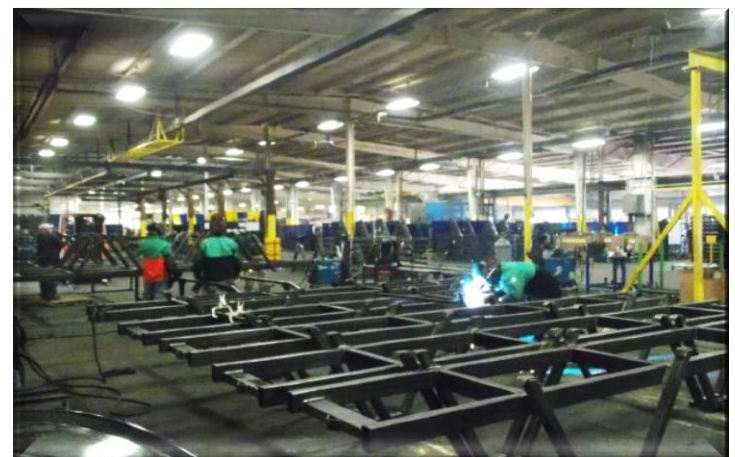
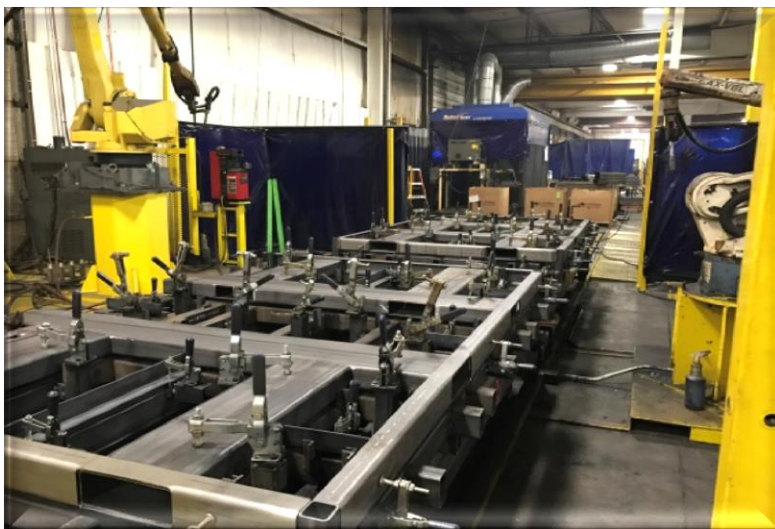


Over 5000 Racks for the U.S. Postal Service



- AWS certified welding specialists
- Multiple Robotic weld cells
- Powder Coating up to 7'6"x 7'9"x 16'

- 74 years manufacturing experience
- In-house Design & Engineering staff
- 178,000 sq ft of fabrication space



Laser Cutting



Our years of laser cutting expertise.
Your laser cutting ideals achieved.



Five State-of-the-art flatbed lasers
Mild steel cut capabilities – 6' x 12' x 1" thick
Stainless steel – 3/8" thick
Aluminum – 3/16" thick
Automated Material Storage Tower; minimal downtime
50,000 sq ft laser facility

Tube Laser



Featuring our in-house
BLM Adige Tube Laser

TUBE CUTTING CAPABILITIES:

27' TUBE LENGTH

6" TUBE DIAMETER (OD)

1/4" WALL THICKNESS



Tube Bending

Whether the project is large or small, Livonia Tool & Laser specializes in precision custom tube bending and forming services. Our in-house CNC tube bending machine and staff are accustomed to the demand for high reliability and accuracy in manufacturing tube products.



BLM ADIGE 19 AXIS SERVO BENDER
3" 11 GAUGE MAX WALL THICKNESS
UNPRECEDENTED REPEATABILITY
HIGH-VOLUME PRODUCTION



Steel Stamping

Livonia Tool & Laser is an expert in the steel stamping field with over 68 years industry expertise. Our stamping facility dedicates over 15,000 sq. ft to deep draw stamping and in-house tooling.



Our expertise is not limited to the most complete assortment of steel stacking caps and targets in the world; we also specialize in custom prototype stampings created in our in-house tool room.

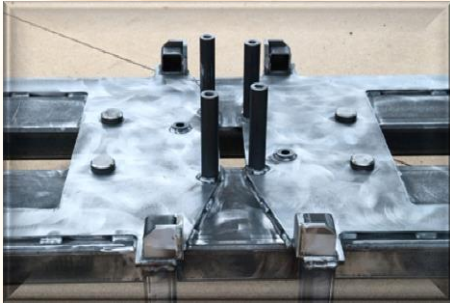


CUSTOM PART PROTOTYPING
DEEP DRAW STAMPINGS
13 PRESSES UP TO 500 TON
BED SIZES UP TO 84"



Powder Coat Line

New in 2014



900ft
Conveyor
w/ 5-Stage
Wash

Gema dual spray powder
application system



Powder Coat Line

Structures up to 7'8" x 7'9" x 16'

Powdercoat is a durable, high-quality finish that produces a thick coat without the "sagging" of traditional painting. It endures virtually any weather condition while resisting chipping, scratching or fading.

Powder coating is more environmentally friendly than "wet" paint, emitting zero or near zero volatile organic compounds (VOC). Powder coating overspray can be recycled making it possible to achieve nearly 100% use and produce less hazardous waste than conventional liquid coatings

Our 20,000 cfm vacuum system eliminates the worry of cross contamination between colors





LIVONIA

TOOL & LASER



Proudly Made in the U.S.A.

Building the best in the world, right here at home.



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