

Laystrom Manufacturing

High Mix / Low Volume Sheet Metal
Fabrications and Stampings

LAYSTROM MANUFACTURING



Laystrom Manufacturing Co.
ISO9001:2008

About Us

- Laystrom Manufacturing:
 - Family-owned and family-run, closely held corporation founded in 1951
 - Third generation family members work daily in key roles of the company – President, Inside Sales/Purchasing Manager, and Engineering & Quality Manager.
 - Current Year Revenue – Approximately \$10 million
 - ISO9001:2008 registered company since 2000
 - Non-union employer of 65 employees with 70,000 square feet of manufacturing space
 - **Aggressively seeking new business in 2013.**

Featured in the February Issue of Metalforming Magazine



The business strategy guiding Chicago's Laystrom Manufacturing Co. has evolved considerably since the 1980s, from stamping a stable product mix for a stable customer base to specializing in CNC fabricated-metal products. Leading the charge is an automated laser-cutting line that dominates the facility's footprint and its output.

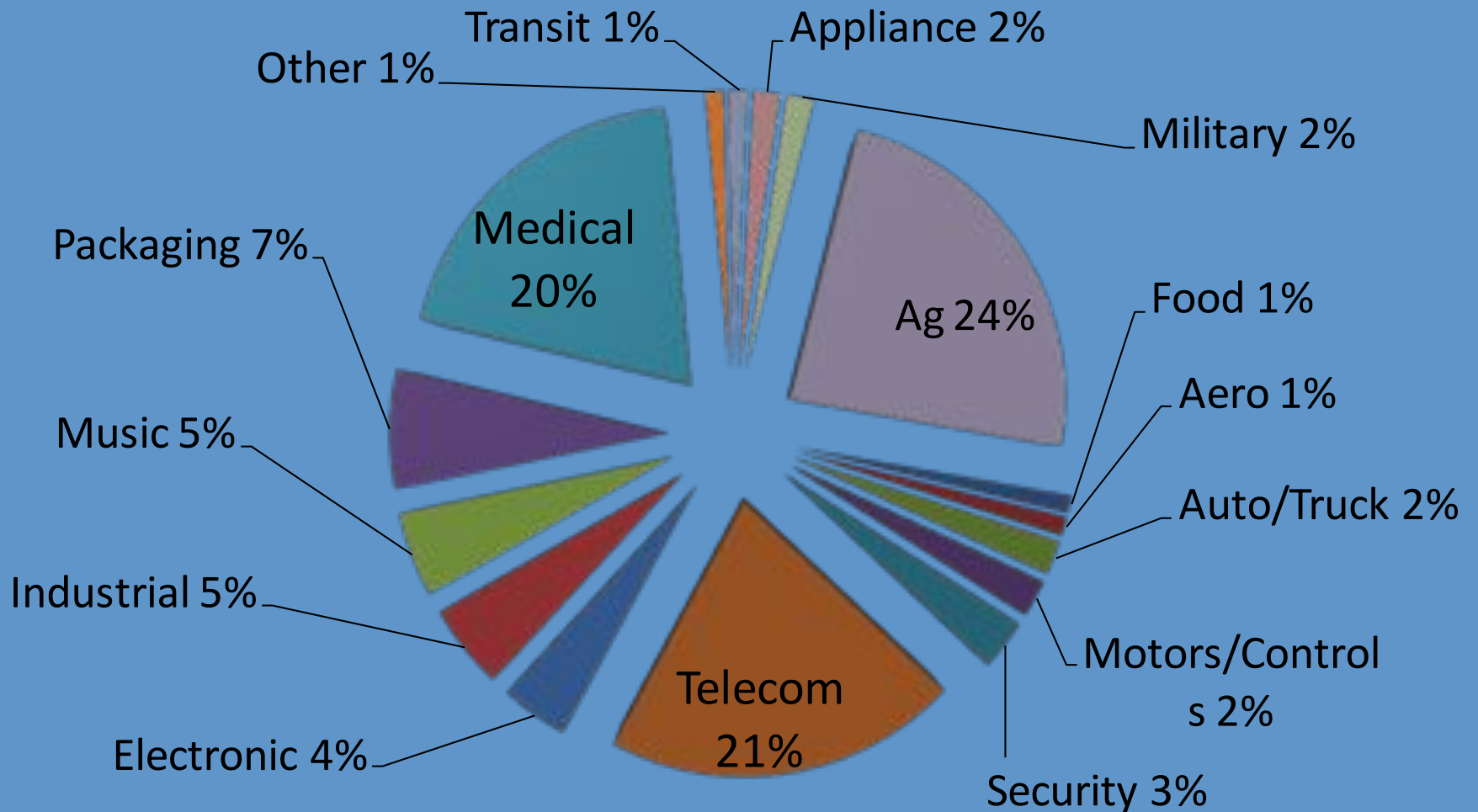
Our Core Competencies in Sheet Metal Fabrications

- Laystrom Manufacturing is a full-service provider of sheet metal component parts to OEM's companies:
 - Precision Sheet Metal Fabricated Components and Weldments for Medical or Telecom Equipment:
 - Sheet metal assemblies typically 14ga and under
 - Aluminum, Stainless, CRS
 - Multiple components assembled via spotwelding, PEM style hardware, or Pop Rivets
 - 'Light' Fab Components and Weldments for Heavy Equipment:
 - Typically 6MM thickness and under and typically 50# and under
 - HRPO, CRS, SS, and Aluminum
 - Typical end use – heavy equipment, AG Equipment, Power Distribution Boxes

Some of our customer's Products



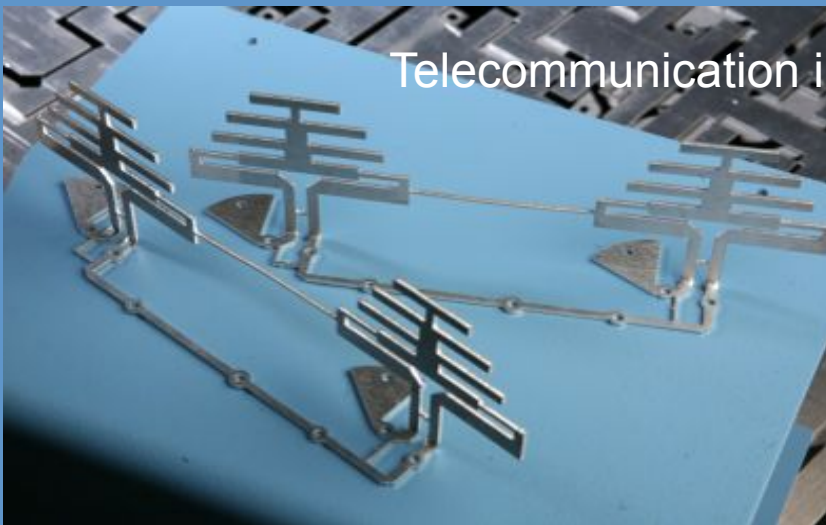
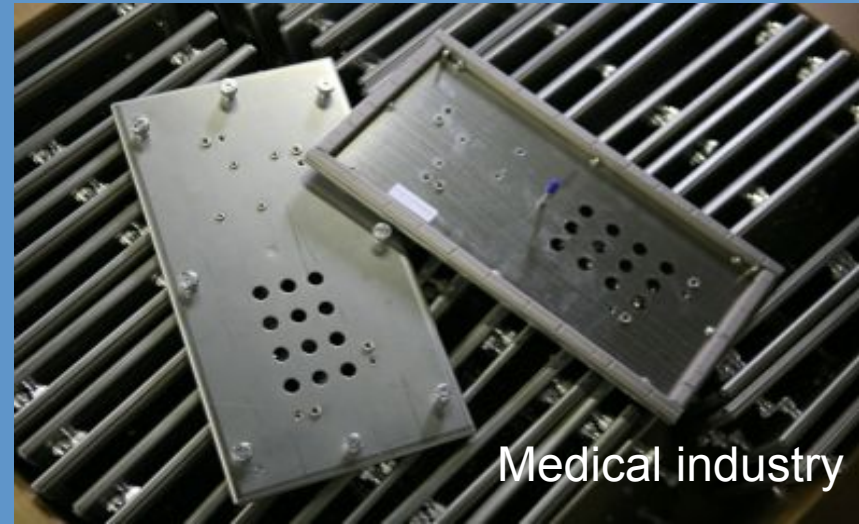
2013 Cross Section of Industries



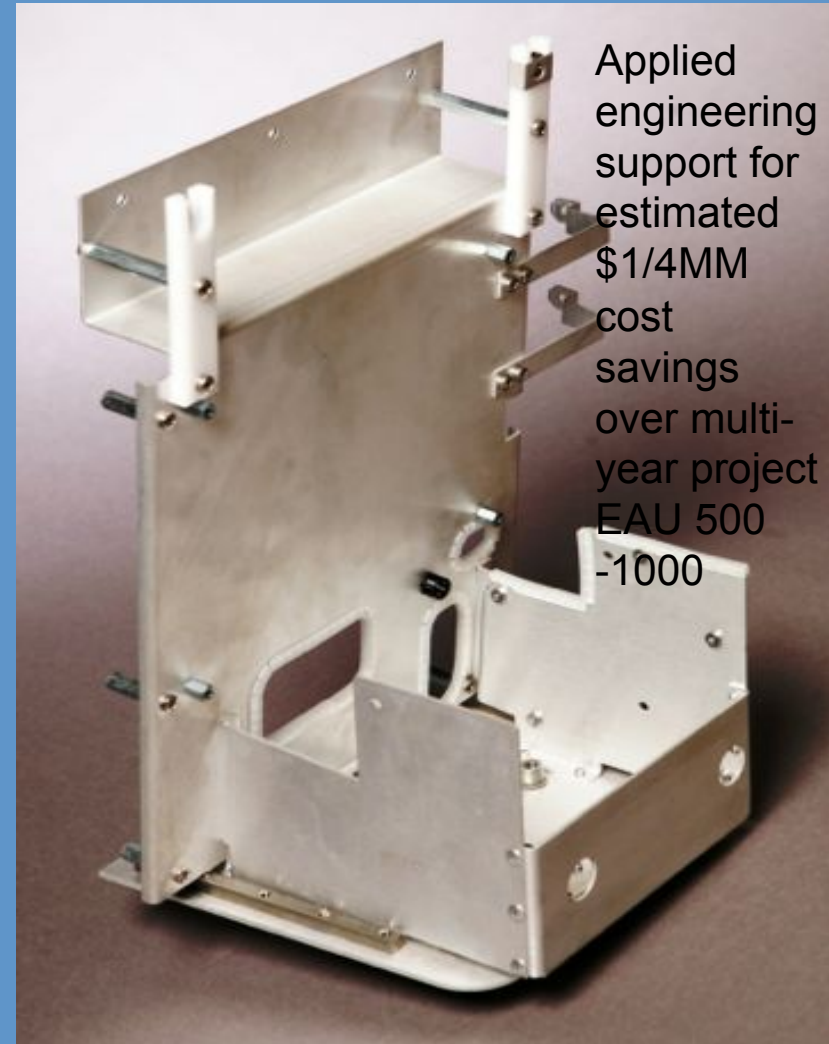
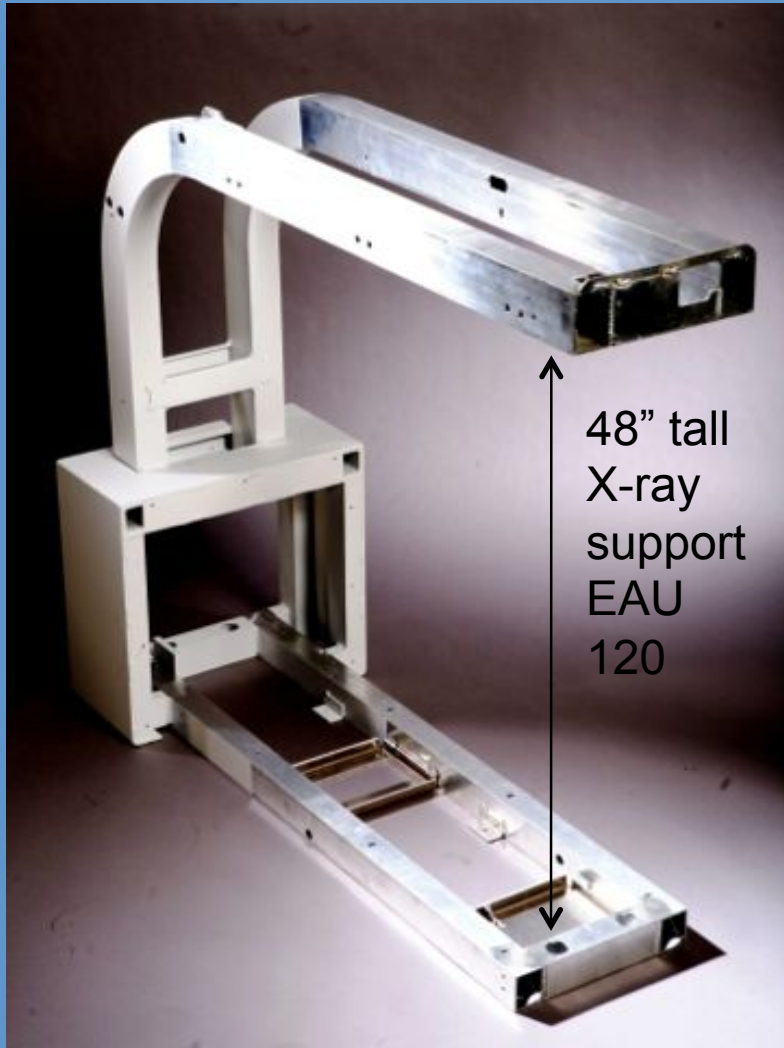
Supporting A Broad Spectrum of Customers with High/Mix – Low Volume applications

- One of our larger OEM customers has 164 active parts averaging 250 pieces per month per part shipping to 7 different plants, with **Single price any quantity pricing models**, weekly schedule changes, freight/Pickup scheduling on-line, and web-based EDI integration
- We support start-ups requiring prototyping and process design assistance
- Our customers sole source for all of their precision sheet metal fabrication and stamping requirements with Laystrom – some for as long as 30 years.

Real Life Rapid Prototyping



Complex Assemblies



Other Fulfillment Situations we satisfy

- High volume stamping
millions produced under
annual contract
- Low volume fabrications
hundreds produced under
annual contract



Transit Vehicle Lift Platform Weldment



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Manufacturing Capabilities and Equipment

- Solid Works, CAD & NC programming all in-house supporting well over 130 new items during Q4 2012.
- (2) - 4000W Lasers with implemented “Lights Out” production – operating on average 105 hours per machine each week out of maximum possible 168 hours per machine per week
- GTAW and GMAW Welding – 3 full-time welders with an additional replacement robotic welding system planned for 2013.
- Precision Forming – 9 press brakes operating on 2 shifts.
- Complex Assemblies – flexible assembly area supporting Integration of Sheet Metal Components with Purchased Components into higher level subassemblies

Quality Processes

- Our QMS is structured around compliance to ISO9001:2008, subject to changes required for specific customers. Common enhancements from a standard ISO system available based on your requirements could include:
 - NPI/Control Plans/Process Capability Studies/PPAP features required by 'auto' or 'aircraft' customers.
 - Lot traceability for materials and purchased components
 - Compliance to Supplemental Purchase Order Conditions (enhanced sampling plans, DFARS compliance, various environmental system requirements).
 - Enhanced certification requirements included with shipment.

2011/2012 Capital Improvements

- Doubling of our Laser cutting capacity (Fall 2011) with installation of a 2nd Amada 'Gemini' FOM2 4000 Watt Laser. Currently we are operating at 60% of capacity on these units
- Expansion of the FMS material handling system for the lasers to include a 2nd 10 shelf 'unload' tower enhancing our ability to run 24/7 lights out production for nights and weekends on both lasers.
- Second Shift Expanded- effectively doubling the available capacity for support operation such as forming, welding, and assembly.
- 2013 Investments under consideration – replacement of Robotic Welding Cell

Our Skill Sets

- Start Up Support
 - Prototypes - Quick turn, flexible, leadtime in as little as 72 hours.
 - During Q1 2013 , we started (or revised) production or prototypes on 78 production parts .
- Technical Support
 - 120+ years of engineering experience
 - Experience supporting PPAP requirements such as Control Plans, Process Capability Studies, Gage R&R.
 - Continuously improving our New Part Introduction Process
- Production Support
 - Ability to support a large number of part numbers with 'EDI' styles of scheduling.

Laser FMS



Laystrom Manufacturing Co.
ISO9001:2000

Material Shuttle System



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ISO9001:2000

Unloading Tower for Finished Parts Run Lights-out



Laystrom Manufacturing Co.
ISO9001:2000

State of the Art Press Brakes



Laystrom Manufacturing Co.
ISO9001:2008

Contact Us

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