



SARGENT
METAL

Equipment List

Contact

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REQUEST FOR QUOTATION

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Equipment List



Throughout our history that started back in 1975, Sargent Metal has consistently utilized state-of-the-art equipment to provide customers top-quality products in a timely manner. Once you examine the following equipment list, we're sure you will agree that standard is still in force.



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**Watch videos or learn
at [sargentmetal.com/
capabilities](https://sargentmetal.com/capabilities)**

STOPA Retrieval & Storage System

Our STOPA system is a fully-automated retrieval and storage system for both raw material and finished goods. The system has 134 shelves (pallets), each shelf has a capacity of 6,600 pounds of material or finished goods. The system, currently connected to three lasers and one punching machine, can be upgraded and expanded.

CNC Laser Cutting

(Connected to STOPA Storage and Retrieval System)

- (2) Trumpf L3050 5000 Watt Trumpf 5' x 10' Lasers with Liftmaster load/unload
- (1) Trumpf L3040 4000 Watt Trumpf 5' x 10' Laser with Liftmaster load/unload
- (1) Trumpf L3030 5000 Watt Trumpf 5' x 10' Lasers with Liftmaster load/unload

Combination Machines

- (1) Trumpf TruPunch 6000 FMS 25 ton punching machine with 3200 Watt Laser with 5'x10' table

CNC Punching

(All machines fully automated and capable of forming operations as well as high-speed tapping and marking)

- (1) Trumpf TruPunch 5000 FMS 25 ton punching machine with 5'x10' table.
- (1) Trumpf TC 2020 FMS 20 ton punching machine with 50"x 100" table.
- (2) Trumpf TC 500 FMS 25 ton punching machine with 5'x10' table.
- (1) Amada EMK 3610 33 ton servo electric punching machine, 5'x10' table

CNC Forming

- (1) Trumpf TruBend 5130 Bend Master Robotic Press Brake - 10', 132 US Tons, 8 axis press brake. Hydraulic clamping, quick change tooling, fully automated with offline programming.
- (1) Trumpf V1300 - 10', 144 US Tons, 8 axis press brake. Hydraulic clamping, quick change tooling with offline programming.
- (1) Trumpf V130X - 10', 144 US Tons, 8 axis press brake. Hydraulic clamping, quick change tooling with offline programming.
- (1) Trumpf C 60 - 6', 67 US Tons, 7 axis CNC press brake with offline programming.

- (1) Amada 8025 FBD III - 8', 80 Metric Ton with 8 axis CNC press brake.
- (1) Amada HFB 1003 - 10', 100 Metric Ton, 8 axis CNC press brake with graphics control.
- (2) Amada RG 80 - 8', 80 Metric Ton, 3 axis CNC up acting press brake with NC9EX control.
- (1) Amada FBD8025 - 8', 80 Metric Ton, 3 axis CNC up acting press brake with NC9EX control.
- (1) TruBend 5230 14', 230 Metric ton, 8 axis press brake. Press brake
- (1) TruBend 7036 electric press brake, 40 ton, 40"

Shearing / Sawing

Wysong - 10', 1/2" thick capacity CNC shear with squaring arm.

- Cosen - horizontal automated saw with auto feed.
- Cosen - C-500 MNC Automatic Swivel Head Mitering saw.

Machining

- HAAS Mini Mill 2 - 20 tool carousel, 20x16x14 Envelope

Hardware Insertion Machines

- Haeger 824 OneTouch™ 4E hardware insertion machine
- Pemsarter Series 4® pemsarter
- Pemsarter AS-7® pemsarter with auto feed and autosort

Welding

- Genesis Versa 2 RJ3 Robotic Welder - 6 Axis. Both A and B sides have a head and tail stock. Working envelope is 60 x 120.
- Genesis Versa 2 RJ2 Dual Head Robotic Welder- 6 axis. Both A and B sides have a head and tail stock. Working envelope is 50 x 96.
- (2) OTC Robotic Welders (T60 and T100) - One with 72-inch table and one with 60" table.
- (2) OTC Robotic Welding Cells-(describe power supply + table configurations
- (1) OTC Robotic Welding Cell-(describe power supply + table size)
- (2) Amada Resistance Welders (KVA.)
- (1) TJ Snow Resistance Welder (KVA.)
- (1) H&H Resistance Welder (KVA. Large assortment of TIG and MIG welders.
- Full service welding capabilities.

Miscellaneous

- Romer Portable CMM
- Virtek Vision Laser QC 2D Inspection System - Automated laser inspection system for first article, in-process, and reverse engineering of 2D materials.
- Large assortment of micrometers, hole gauges, digital height gauges, etc.
- Robo Vent Ventilation system for lasers and welding booths

Sargent Metal Campus

Our current 80,000 square foot facility was built in 2003 on our 21 acre campus with plans to expand as needed. Additional warehouse with 33,000 square feet is located approximately 2 miles away from our current facility.

Sargent Metal Innovation Center

In 2015, we converted part of our old manufacturing plant to our Innovation Center. Its primary purpose is for prototypes and quick turn parts. We have a Trumpf 3050 laser, a TC 500 Trumpf punch, an Amada RG80 press brake and a Trumpf V130 press brake. We also have welding capabilities- All dedicated to QUICK turn parts and Prototype parts.

Secondary / Outside Capabilities

- Secondary/Outside Capabilities
- Sandblasting and Bead Blasting
- CNC Machining
- Powder and Teflon Coatings
- E Coating
- Plating
- Heat Treating
- Silk Screening
- Tube Bending
- CNC Stamping
- 6 Axis Laser Cutting
- Hot Dipped Galvanizing

Ready to
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