



# ASCENT EQUIPMENT



At Ascent, we provide cutting-edge equipment solutions for the sign industry, with locations in Buffalo, New York, and Toronto, Ontario. Installation and training at your location are included in the price.

## Ascent QCW Fiber Laser Welder (Industry First) Combination of Tabletop and Handheld

The ideal solution for small to medium channel letters, featuring effortless conversion between tabletop and handheld modes. It is designed for use with aluminum and stainless steel highly user-friendly, requiring minimal training.



## Handheld 2000W Fiber Laser Welder

Fiber laser welders have replaced traditional welding methods. Our innovative refrigeration-heat pump technology is ideal for welding steel, aluminum, stainless steel, and other metals. This welder is exceptionally user-friendly, requires minimal training, and can weld aluminum ranging from 0.030" to 0.27".



## DUAL GANTRY CO2 AND FIBER LASER CUTTER

This dual gantry system enables the simultaneous processing of two different materials using CO2 and fiber lasers.

- CO2 500W: Cuts nonmetals like acrylic and wood.
- Fiber 3000W: Ideal for aluminum, stainless steel, and other metals.

Working area: 5' x 10'. Options include fully enclosed or laser control partitions.



## Ascent-5AS

The 5th-generation machine produces trim-less, reverse/halo letters without welding. aluminum trim and illuminated plastic side returns, achieving the lowest labor costs while maintaining the highest quality. The machine processes aluminum coils up to 8 inches in thickness, stainless and galvanized steel and Ascent UL aluminum extrusions/profiles. No tool changeovers are necessary, as all processes are software-driven. The letters feature innovative stainless-steel clips for easy installation.



## Ascent TMB3 Bending & Trim Machine

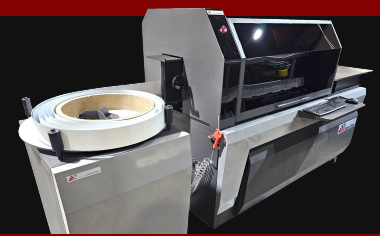
This is the most versatile CNC bending machine on the market, Capable of creating channel letters, side returns, and trim. It is an industry-first machine that converts flat aluminum into trim and automatically shapes it into letter forms. Create channel letter side returns from 0.040" aluminum coil and process industry-standard plastic trims.



## EDGE-3 CNC Bending Machine

Designed for traditional trim caps, notching, flanging, and reverse/halo channel letters.

- Coil depths range from 1" to 8".
- Aluminum coil thicknesses vary from 0.025" to 0.063".
- A thickness of 0.080" aluminum is used for reverse/halo letters and light boxes.
- Compatible with stainless and galvanized steel.



## Ascent MAX Large bending machine

The largest machine in the industry.

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| <ol style="list-style-type: none"> <li>1. Stainless steel and galvanized sheet up to 0.05", aluminum up to 0.080".<br/>Material Height: 2.3" to 15.7".</li> </ol> | <ol style="list-style-type: none"> <li>2. Stainless steel, galvanized sheet and flat aluminum.<br/>Aluminum Thickness up to 0.125"<br/>Material Height 1.57" to 8".</li> </ol> |
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## Pneumatic Channel Letter Stapler

The Ascent stapler attaches the side return to the back of the channel letter using staples to the letter's flange. This machine is compatible with side returns made of aluminum and backs constructed from ACM (Aluminum Composite Material), aluminum, or polycarbonate. The motorized tabletop can accommodate any channel letter size. Standard industrial galvanized crown staples are available from any industrial supplier.



**Booth #1871**  
**ISA International Sign Expo 2026**  
 Wed, April 8 - Fri, April 10  
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