

# ChannelStitcher™

Fast, secure channel letter fastening



- Works with both aluminum sheet and aluminum composite materials (ACM)
- No size limitation on flange tab.
- Compatible with thicker aluminum like .063 and .080
- Strong, fast, reliable, and economical fastening



**ChannelBender Series**  
Automated Channel Letter Solutions

Call us at 720-912-5012 or  
visit [sign.sdsautomation.com](http://sign.sdsautomation.com)

**ChannelStitcher** is the strongest, fastest, most inexpensive method available for fastening channel letter backs to the flange of your face-lit letters. This machine quickly and securely staples aluminum and /or ACM (aluminum composite material) used to create the back panels of your face-lit letters. This rapid-fire fastening solution creates its own industrial-strength staple from a coil of galvanized or stainless-steel wire. This mechanical fastener delivers strength and structural stability that is superior to any other commonly used fastening method. Bring the speed, strength and economic efficiency of an automatic fastening system to your channel letter assembly operations and achieve substantial, immediate reductions in labor and material costs with the addition of a ChannelStitcher, only from SDS Automation.

**Compared to Clinching:**

Clinching does not work with aluminum composite material (ACM) and requires 3/8" minimum tab size which prevents fastening along many radius bends. Clinching also produces notoriously weak connections in aluminum, especially when thickness exceeds .040". ChannelStitcher does not have any of these limitations

**Compared to Riveting:**

Rivets are many times more expensive than staples. A 10 lb. spool of stitcher wire will produce about 30,000 staples, making staples a fraction of a penny each (approximately 1/5 of a cent each), unlike rivets which are several cents each.

**Compared to Gluing:**

Adhesives are expensive as are the mixing tips for the glue cartridges. Stitching produces no fumes, requires no cleaning and is dramatically less expensive than adhesive.

| TECHNICAL SPECIFICATIONS |                     |  |
|--------------------------|---------------------|--|
| POWER                    | System              | 110/115 VAC, ½ HP, 20 AMP                |
| DIMENSIONS (W x D x H)   | Floor space         | 24" x 41" x 72"                          |
| FEATURES                 | 26" throat          | Accommodates stitching up to 52" letters |
|                          | Clearance           | 1⅜" between clincher and head            |
|                          | Work height         | 46½" - top of post                       |
|                          | Wire                | 18 gauge - stainless or galvanized       |
| SPEED                    | Up to               | 310 stitches per minute                  |
| MATERIAL                 | 10# Coil            | 30,000 staples                           |
|                          | 50# Coil            | 150,000 staples                          |
| AVAILABLE OPTIONS        | Sign stitcher table | Adjustable height, air operated          |