

# ChannelBender<sup>®</sup> SX

The most versatile letter bender ever made



- Material heights from 1" up to 8"
- Forms face lit, halo lit and Trimless LetterForm letters
- Bends aluminum, stainless steel, brass and mild steel
- .032 to .063" aluminum and 20 gauge stainless steel
- Letters as small as 3" in height and serifs as small as 3/16"



**ChannelBender Series**  
Automated Channel Letter Solutions

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

**ChannelBender SX** is a slightly more economical version of our ChannelBender SXP. The only difference between the SX and SXP is the optional hydraulic hole punch unit is not included on the SX model which allows customers to get a high performance, full-featured channel letter machine at a slightly lower cost. The SX model is a high-performance, state-of-the-art channel letter system for traditional and advanced channel letter forming.

**ChannelBender SX** is a highly precise, efficient, productive channel letter machine available to the sign making industry. This machine can form traditional face-lit or halo-lit channel letters of nearly any height and anywhere from 1" to 8" deep. The SXP can also process specialty materials like our Trimless LetterForm, LiquiForm, polished stainless, polished brass and even mild steel. Just imagine having the capability to automatically form letters as small as 3 inches, as tall as 15 feet as well as serifs as small as 3/16".

**ChannelBender SX** also has the ability to broach return material when forming Trimless, halo-lit or fabricated letters in materials like Trimless LetterForm, stainless steel, mild steel, polished brass and even copper. The broaching feature is a patented process that scores a shallow groove vertically across the interior surface of the return at the exact location of sharp, angled bends. Broaching forms a shallow groove or relief cut which results in crisp, sharp, precise bends and allows for the forming of intricate shapes, like serifs as small as 3/16", which were previously impossible to automate.

**The price of a fully equipped ChannelBender SX** includes set-up, installation, and on-site training at your facility. A two-year parts and labor warranty, lifetime software updates, lifetime phone and remote access tech support from a U.S.-based technician are also included. There is no optional equipment and there are no hidden fees. By the conclusion of your comprehensive training, you will know how to competently operate and maintain your new ChannelBender series machine. \*Some limitations may apply

### TECHNICAL SPECIFICATIONS

POWER	System	220VAC, 15A, 50/60Hz, 1P
	Oil pump	220VAC, 6.4/3.7A (max/typ)
DIMENSIONS (W x D x H)	System	93" x 43.5" x 59"
	Coil cassette	30" x 30" x 57"
FEATURES	Vertical broaching of angles	100°
	Maximum flange thickness	Up to .063" (1.6 mm)
	Hydraulic flange notcher	30°, 60°, 100°, 130°
	Flange depth	Adjustable - ¼", ⅜", ½"
	Cut-off tool for batch processing	Yes
BENDING	Maximum angle	120° (coil)
	Smallest radius that can be bent a full 180°	.2" (5 mm) radius (coil)
	Shortest distance from end to a sharp bend	1.57" (40 mm)
	Shortest distance from start to a sharp bend	.2632" (6 mm)
MATERIAL COIL SPECIFICATIONS	Outside diameter	26" only
	Thickness	.026" - .063" (.66 mm - 1.6 mm)
	Height	1" - 8" (25 mm - 203.8 mm)
LETTERFORM SPECIFICATIONS	Thickness	1.0 mm (approximately .050")
	Height	37, 60 and 100 mm
	Length	7 m (approx. 23') stick or 30 m (approx. 98') coil