

ChannelBender® SXP

The most advanced channel letter bender ever built

- Adjustable height 3mm and 6.35mm hole punching
- Material heights from 25mm to 203.8mm
- Forms face-tilt, halo-tilt and LetterForm Trimless letters
- Bend aluminum, stainless, and mild steel
- 0.8mm - 1.6mm aluminum and 20 gauge stainless or mild steel
- Letters as small as 76.2mm in height and serifs as small as 4.76mm



*Patent Pending



The ChannelBender SXP is the flexible letter bending machine in SDS KOREA's ChannelBender Series and the ultimate state-of-the-art channel letter system for traditional and advanced channel letter production. It is the most advanced and productive channel letter machine available to the sign making industry. This machine can form traditional face-tilt or halo-tilt channel letters of nearly any height and anywhere from 25mm to 203.8mm deep. The SXP can form face-tilt, halo-tilt, LetterForm, LetterForm Trimless, and LetterForm, polished stainless, polished brass and even mild steel. Just imagine having the capability to automatically form letters as small as 76.2mm as well as serif as small as 4.76mm. Electronically height adjustable only on ChannelBender SXP. Our exclusive, patented hydraulic hole punching unit eliminates manual drilling of 6.35mm drain holes and 3mm pilot holes for rivets or screws. Holes can be placed anywhere in the letter, horizontally and vertically. Our software can recognize hole positions in the dot file used to cut the back panel of the letter and the SXP will automatically compensate for corresponding punch holes in the Baffle. Automating the production of letters is made easy, fast, and accurate. Accuracy and efficiency. No other machine in the industry comes close.

The ChannelBender SXP also has the ability to branch return material when forming Trimless, halo-tilt or fabricated letters in materials like Trimless LetterForm, stainless steel, mild steel, polished brass and aluminum. The SXP can also form a shallow groove vertically across the interior surface of the return at the exact location of sharp, angled bends. Branching forms a shallow groove at the location of sharp bends. The groove is as deep as 4.76mm, which was previously impossible to automate.

The site of fully equipped ChannelBender SXP includes setup, installation, and on-site training at your facility. 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)
	System	2,370 mm x 1,110 mm x 1,500 mm
DIMENSIONS (W x D x H)	Coil capacity	760 mm x 760 mm x 1,450 mm
	Vertical branching of angles	100°
FEATURES	Maximum flange thickness	Up to .063" (1.6 mm)
	Hydraulic flange notcher	30°-80°/100°-130°
	Flange depth	Adjustable = 6.35 mm, 9.5 mm, 12.7 mm
	Cut-off tool for batch processing	Yes
	Hydraulic punching unit (inline)	6.35 mm weep holes, 3 mm screw/rivet holes
BENDING	Maximum angle	120° (coil)
	Smallest radius that can be bent a full 180°	5 mm
	Shortest distance from end to a sharp bend	6 mm
MATERIAL COIL SPECIFICATIONS	Outside diameter	640 mm
	Thickness	0.64 mm - 1.6 mm
	Height	25 mm - 203.8 mm
LETTERFORM SPECIFICATIONS	Thickness	1.0 mm
	Height	37.40 and 100 mm
	Length	7 m stick or 30 m coil