

# ECO CHANNELBENDER®

Economical automated letter bending technology for sign makers



## BETTER LETTERS FOR LESS

Eco ChannelBender is the ideal solution for sign makers who want an automated system dedicated to non-flanged letters in 1" to 5" heights. In addition to .026" to .063" thick aluminum, and depending on thickness, brass, bronze, and stainless material, Eco can process LetterBox™, our proprietary extruded aluminum return material. LetterBox eliminates the need for conventional plastic or aluminum trim cap, enabling sign makers to produce Trimless® Channel Letters.

Eco ChannelBender's unique ability to broach LetterBox and other return material, cutting a shallow groove vertically across the interior face, results in crisper, sharper bends and intricate shapes previously thought impossible to automate, like 1/4" serifs.

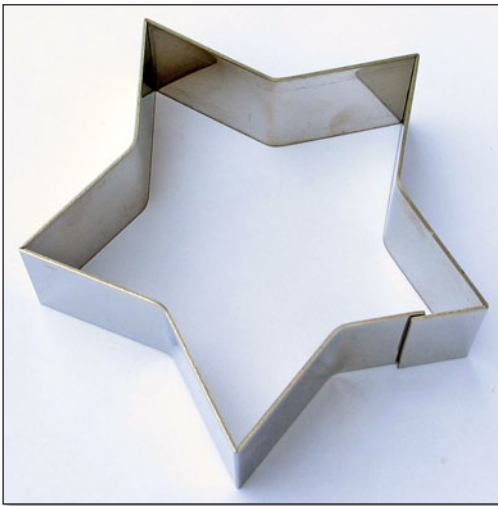
U.S. Patent Nos. 5589090; 5787750; 5870919; 5966974; 5992485; 6128940; 6405574; 8327679; 7694543; 7441434; and 7878039. Other U.S. and international patents pending.  
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**The ChannelBender® Series**, AdamsTech's line of automated channel letter benders, is the fastest, most reliable, most precise technology available to sign makers. Rigorous testing shows ChannelBenders can complete the process of bending returns 15% to 30% faster than the nearest competitive machines, and cut hand finishing time by an additional 30%. Customer feedback indicates a return on investment commonly occurs between 12 and 18 months.

**Eco ChannelBender** produces non-flanged letters. Its unique broaching feature produces crisper, sharper bends and intricate shapes previously thought impossible to automate. In addition to aluminum, brass, bronze, and stainless material, Eco ChannelBender can process LetterBox™, our proprietary extruded aluminum return material, for the production of Trimless® Channel Letters.

**The price of a fully-equipped ChannelBender** includes set-up, installation, and training. Additionally, one year of software updates, one year of phone and remote access tech support from a U.S.-based technician, and a one year warranty are 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.

**AdamsTech and SDS Korea** are automated metal bending experts, the inventors and original patent holders of this type of technology. Over 2,000 machines have been sold worldwide. Our 17 years of experience manufacturing and servicing these systems, combined with our dedicated team of technicians, create the very best service and support infrastructure in the industry.



Specifications		Eco ChannelBender
Power	System	220VAC, 15A, 50/60Hz, 1P
Dimensions (W x D x H)	System	85.75" x 35.5" x 65"
	Coil Cassette	30" x 30" x 57"
Features	Lateral broaching of angles	Adjustable depth (V-type)
	Batch processing	Yes
Bending	Maximum angle	120° (coil), 100° (LetterBox)
	Smallest radius that can be bent a full 180°	.2" (5 mm) radius (coil), .6" (15 mm) radius (LetterBox)
	Shortest distance from end to a sharp bend	.2632" (6 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" – 5" (25 mm – 127 mm)
LetterBox Specifications	Thickness	1.2 mm (approximately .050")
	Height	60 mm and 100 mm
	Length	7 m (approx. 23') stick or 30 m (approx. 98') coil



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