

Automatic Channel Letter Bending Machine

TPS *S1800*



Brief Instructioin:

Based on design of precise mechanical structure, TPS-S1800 automatic channel letter bending machine adopts closed loop control system, cylinder clamping, double screw precise alternating feeding, V-shaped slotting, unique quick-change tool and telescoping alternating bending of multi-tool rod. In addition, it is increased notching and flanging mold, end-to-end stitching mold as well. With TPS independent research and development software of metal letter bending control, it has advantages of large feeding torque, high precision and accurate bending forming, which is suitable for precise processing of materials with high edge and thick plate. It is preferred high-end output equipment for LED letters, stainless letters and punching letters.

Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.



TECHNICAL PAREMETER	
POWER SUPPLY:	AC220V 50Hz
POWER:	4KW
COMPRESSED AIR:	0.4~0.6MPa
CONTROL AXIS QUANTITY:	5 (5 axis)
MIN. BENDING RADIUS:	R7mm
MIN. DISTANCE BETWEEN INTERIOR ANGLE AND EXTERIOR ANGLE:	3mm
BENDING DISTANCE FROM START:	3mm
APPLIED MATERIAL:	Stainless steel, Galvanized sheet, Aluminium coil
MATERIAL THICKNESS:	Stainless steel, Galvanized sheet, (20-175mm) Aluminium coil (50-175mm)
PROCESSING HEIGHT:	20~175mm
MATERIAL FEEDING METHOD:	Alternate feeding)
NOTCHING TYPE:	Controlled by servo motor
NOTCHING ANGLE:	30°/ 120°
FLANGING TYPE:	Pneumatic flanging for right angle
FLANGING WIDTH:	14mm
SERVO MOTOR:	4PCs
STEP MOTOR:	1PCs
N.W. / G.W.:	1000Kgs / 1080Kgs
DIMENSION:	1450(L)×820(W)×1550(H)mm

Automatic Channel Letter Bending Machine

TPS **ZB-6710**

Brief Instructioin:

Automatic channel letter bending machine model TPS-S8710 is updated on the model S8700 precision automatic channel letter bending machine and adds a function bending for special aluminum profile of Super Letters. It is a high grade equipment as your first selection bending for LED letters, Super Letters, stainless steel letters, letters with punching holes, resin letters, etc.

Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.

TECHNICAL PAREMETER	
POWER SUPPLY:	AC220V 50Hz
POWER :	1.0KW
COMPRESSED AIR:	0.4-0.6MPa
MIN. BENDING RADIUS:	R7mm
APPLIED MATERIAL:	Aluminium coil
MATERIAL THICKNESS:	0.5-1.0mm
PROCESSING HEIGHT:	10-80mm
MATERIAL FEEDING METHOD:	(Alternate feeding)
SERVO MOTOR:	1PCs
STEP MOTOR:	1PCs
N.W. / G.W.:	150Kgs / 200Kgs
DIMENSION	1460(L)×600(W)×1550(H)mm



Pneumatic stapler machine

Brief Instructioin:

With TPS pneumatic stapler machine, it is easy and quick for fixing notched and flanged letters with cut letters together to be completed channel letters. The tabletop of the machine can be adjustable moving up down according to depth of channel letter, Just press the foot padel to staple it.



TECHNICAL PAREMETER	
POWER SUPPLY:	AC220V 50Hz
POWER :	200W
COMPRESSED AIR:	0.4~0.6MPa
ADJUSTABLE DISTANCE OF TABLETOP UP AND DOWN MOVING	130mm
PROCESSING MATERIAL MAX. HEIGHT:	180mm
PROCESSING MATERIAL:	Aluminum sheet, Aluminum Composite panel, etc.
FUNCTION:	Finishing flanged and bent aluminum letters with cut letters
N.W. / G.W.:	300Kgs
MEASUREMENT:	2.89cbm

XGRAF
TECHNOLOGY



TPS

TPS CNC Channel Letter Bending Machine Series
The First Choice For Industrialized Making Signs.

Super multi-functions automatic bending machine

TPS *S710*



Brief Instructioin:

Global initiative more tool rod bending system and mold quick change system can bend materials accurately, really realize high precision, efficient bending collecting aluminium profiles, stainless steel coil, stainless steel strip material, galvanizer material and Chanalium materials by the one multi-functions super automatic bending machine. It is your first selection for making high grade LED sign, aluminium profile sign, stainless steel sign, punching sign and epoxy signs, etc.

Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.



TECHNICAL PAREMETER			
POWER SUPPLY:	AC220V 50Hz	APPLIED MATERIAL:	Stainless steel, Galvanized sheet, Aluminium coil
POWER :	5KW	MATERIAL THICKNESS:	Stainless steel, Galvanized sheet, Aluminium coil
COMPRESSED AIR:	0.4~0.6MPa	PROCESSING HEIGHT:	20~175mm
CONTROL AXIS QUANTITY :	7 (7 axis)	MATERIAL FEEDING METHOD:	(Alternate feeding)
MIN. BENDING RADIUS:	SS, R7mm, Al, 20mm	SERVO MOTOR:	4PCs
MIN. DISTANCE BETWEEN INTERIOR ANGLE AND EXTERIOR ANGLE:	3mm	STEP MOTOR:	3PCs
BENDING DISTANCE FROM START:	3mm	N.W. / G.W.:	900Kgs / 980Kgs
	140°	DIMENSION:	1450(L)×820(W)×1550(H)mm

PARA MAYOR INFORMACIÓN VISITAR: www.xgraf.com.ar

XGRAF
TECHNOLOGY

Automatic Channel Letter Bending Machine

TPS *G300*



Brief Instruction:

TPS-G300 automatic letter bending machine is large bending equipment, specifically designed for large landscape letters and square letters. Based on design of precise mechanical structure, it adopts closed loop control system, cylinder clamping, double screw precise alternating feeding, V-shaped slotting and unique telescoping alternating bending. With TPS independent research and development software of metal letter bending control (set with 3D hypotenuse display function), it has features of large feeding torque, high precision, smooth removal of chips and accurate bending forming, which is suitable for precise processing of materials with high edge and thick plate. It is preferred high-end output equipment for high-grade large double-sided letters, hypotenuse letters, LED letters, stainless letters and punching letters.

Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.

TECHNICAL PARAMETER			
POWER SUPPLY:	AC220V 50Hz	MATERIAL THICKNESS:	0.6-1.5mm
POWER :	4.5KW	PROCESSING HEIGHT:	100 ~300mm
COMPRESSED AIR:	0.4 ~0.6MPa	MATERIAL FEEDING METHOD:	(Alternate feeding)
CONTROL AXIS QUANTITY :	4 (4 axis)	SERVO MOTOR:	3PCs
MIN. BENDING RADIUS:	R12mm	STEP MOTOR:	1PCs
		N.W. / G.W.:	1000Kgs / 1080Kgs
MIN. DISTANCE BETWEEN INTERIOR ANGLE AND EXTERIOR ANGLE:	5mm	DIMENSION:	1450(L)×820(W)×1550(H)mm
BENDING DISTANCE FROM START:	3mm		
APPLIED MATERIAL:	Stainless steel, Galvanized sheet, Aluminium coil		

Automatic Channel Letter Bending Machine

TPS *S8900*



Brief Instruction:

TPS-S8900 automatic letter bending machine is conducted a comprehensive upgrade based on TPS-S8710. Based on design of precise mechanical structure, it adopts closed loop control system, cylinder clamping, double screw alternating precise feeding, V-shaped slotting and unique telescoping alternating bending. With TPS independent research and development software of metal letter bending control, it has features of large feeding torque, high precision and accurate bending forming, which is suitable for precise processing of materials with high edge and thick plate. It is preferred high-end output equipment for high-grade small landscape LED letters, stainless letters, punching letters and resin letters. It can also be equipped with function of punching side holes as optional part, which greatly improves installation efficiency of luminous bottom plate.

Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.

TECHNICAL PARAMETER			
POWER SUPPLY:	AC220V 50Hz	MATERIAL THICKNESS:	0.6-1.0mm
POWER :	2.5KW	PROCESSING HEIGHT:	20 ~175mm
COMPRESSED AIR:	0.4 ~0.6MPa	MATERIAL FEEDING METHOD:	(Alternate feeding)
CONTROL AXIS QUANTITY :	4 (4 axis)	SERVO MOTOR:	3PCs
MIN. BENDING RADIUS:	R7mm	STEP MOTOR:	1PCs
		N.W. / G.W.:	600Kgs / 680Kgs
MIN. DISTANCE BETWEEN INTERIOR ANGLE AND EXTERIOR ANGLE:	3mm	DIMENSION:	1450(L)×820(W)×1550(H)mm
BENDING DISTANCE FROM START:	3mm		
APPLIED MATERIAL:	Stainless steel, Galvanized sheet, Aluminium coil		

Automatic Channel Letter Bending Machine

TPS *S6710*



Brief Instruction:

Based on design of precise mechanical structure, TPS-S6710 automatic letter bending machine adopts closed loop control system, cylinder clamping, synchronous belt alternating precise feeding, V-shaped slotting, unique quick-change mold and telescoping multi-rod alternating bending. It is also added function of special removal of aluminum profile edges. With TPS independent research and development software of metal letter bending control, it has features of quick feeding, high precision and accurate bending forming. It is preferred high-end output equipment for high-grade LED letters, super aluminum profile letters, stainless letters, punching letters and resin letters.

Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.

TECHNICAL PARAMETER			
POWER SUPPLY:	AC220V 50Hz	MATERIAL THICKNESS:	1.0mm 0.5-1.0mm
POWER :	2.2KW	PROCESSING HEIGHT:	35/60/80mm 20 ~115mm
COMPRESSED AIR:	0.4 ~0.6MPa	MATERIAL FEEDING METHOD:	(Alternate feeding)
CONTROL AXIS QUANTITY :	4 (4 axis)	SERVO MOTOR:	2PCs
MIN. BENDING RADIUS:	R7mm	STEP MOTOR:	2PCs
		N.W. / G.W.:	400Kgs / 480Kgs
MIN. DISTANCE BETWEEN INTERIOR ANGLE AND EXTERIOR ANGLE:	2mm	DIMENSION:	1450(L)×820(W)×1550(H)mm
BENDING DISTANCE FROM START:	3mm		
APPLIED MATERIAL:	Aluminium profile, Stainless steel, Galvanized sheet, Aluminium coil		

Automatic Channel Letter Bending Machine

TPS *S6720*



Brief Instruction:

Based on design of precise mechanical structure, TPS-S6710 automatic letter bending machine adopts closed loop control system, cylinder clamping, synchronous belt alternating precise feeding, V-shaped slotting, unique telescoping alternating bending. It is also added function of special removal of aluminum profile edges. With TPS independent research and development software of metal letter bending control, it has features of quick feeding, high precision and accurate bending forming. It is preferred economical output equipment for high-grade LED letters, stainless letters, punching letters and resin letters.

Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.

TECHNICAL PARAMETER			
POWER SUPPLY:	AC220V 50Hz	MATERIAL THICKNESS:	0.5-1.0mm
POWER :	2.2KW	PROCESSING HEIGHT:	20 ~115mm
COMPRESSED AIR:	0.4 ~0.6MPa	MATERIAL FEEDING METHOD:	(Alternate feeding)
CONTROL AXIS QUANTITY :	4 (4 axis)	SERVO MOTOR:	2PCs
MIN. BENDING RADIUS:	R7mm	STEP MOTOR:	2PCs
		N.W. / G.W.:	400Kgs / 480Kgs
MIN. DISTANCE BETWEEN INTERIOR ANGLE AND EXTERIOR ANGLE:	2mm	DIMENSION:	1450(L)×820(W)×1550(H)mm
BENDING DISTANCE FROM START:	3mm		
APPLIED MATERIAL:	Stainless steel, Galvanized sheet, Aluminium coil		