

PERFECT LASER

Channel Letter Bending Machine

(Model: PEL-400, PEL-500)





1) Friendly man-machine interface, simple configuration, touch-screen operation. Simply enter the processing of text, graphic design files, and then the machine can process them on materials automatically.

2) A unique three-dimensional process simulation technology, two-dimensional design file to be able to display three-dimensional effects, supplemented by translation, rotation, zoom and other functions, enables full observation and monitoring of whole working process.

3) The original double-bent knife parallel bending technology to save time and greatly improve the processing efficiency, the maximum bending angle reached 130°

4) High precision machining, feeding precision can reach 0.01mm, bending accuracy up to 0.4°

5) With precision automatic calibration function, based on the way of the processing material, self-adjusting process parameters, so that it can match with a variety of engraving machines and cutting machine, meet a variety of complex embedded process accuracy as much as possible.





Advance Notching System



Advanced LCD Touch Screen



Stable Tray



Control Switch



1.

Advanced LCD Touch Screen

No need to connect with PC Realize offline control
Support U-Disk image



2.

Software Bending Parameter Storage

The machine already store up bending parameter of different material (for example 1mm SS, 2mm SS) just by choose the material name and thickness machine can execute the bending progress automatically No need to test and adjust the parameter any more Save human cost and time



3.

USB interface

Support U-disk to insert User can transfer the image into the machine easily



1.

Advance Notching System

PEL-400 have obverse notching,
PEL-500 have both obverse notching and contrary notching



2.

Intenal photo



3.

Air Cylinder

Use air pressure to bend and feed, which makes bending and feeding accurate
Can clamp material very tight
Keep notching well



4.

Notching Knife

High-harness alloy metal
Long life span



5.

Air cylinder

For changing the depth of notching

Notching Motor

No voice very quick



Reducing Valve

Adjust the valve



Exhaust Fan

Heat dissipation
Ensure machine long time
working

Part 3: Bending System



1.

Bending System

Japan Imported Bending Knife

High hardness Alloy
No easy worn
Life span can reach 2 years

Part 4: Material Feeding System



1.

Stable Tray

Can hold nearly 200KG weight of materials
Also can store materials in the stable tray

2.

Efficient Material Feeding Plate

pcs wheels make the feeding quickly



3.

Knock Screw Of Feeding System

For adjust the height of material,
And can knock and fix the material,
avoid material move and waste

Model	PEL-400	PEL-500
Notching Method	Single Side Notching	Double Side Notching
Type	PC Control Type For All SS, MS, Al materials	
Bending Material	Can bend all kinds of Stainless Steel, Carbon Steel, Galvanize Plate, Aluminum, etc.....	
Processed thickness	Aluminum: 0.5 - 1.5 mm Stainless steel: 0.5 -1.0 mm Carbon Steel: 0.5 – 1.0 mm Galvanize Plate: 0.5-1.0 mm	
Max. processed width	<180 mm	PERFECT LASER www.perfect-laser.com
Voltage	220V	
Size	1740*760*1450 mm	
Weight	400KG	
File format	PLT	
Feed speed	5~20 m/ min	
Precision	0.05 mm	
Remark	Computer system and Computer Screen is not included in Price. User can use any computer to run our machine	



PEL-400	Length (m)	Width (m)	Height (m)	Measurement (m3)	G.W.(kg)
Tray for materials	0.73	0.73	1.08	0.580	70
Bending machine	0.74	1.34	1.45	1.440	200

- * 12 Months Guarantee
- * 7-10 Days Lead Time
- * VCD Training , Easy Installation
- * 12 Hours Response
- * TT/Western Union / Paypal / Ali Trade Assurance Payment
- * Sea Shipping

FAQ

Q: What' s the package?

A: We have 3 layers package. For the outside, we adopt wood craft case. In the middle, the machine is covered by foam, to protect the machine from shaking. For the inside layer, the machine is covered by thickening plastic bag for waterproof.

Q: Will the package damaged during transportation?

A: Our package is considerate all the damage factors and make it to be safe, and our shipping agent have full experienced in safe transportation. We have exported to 180 countries worldwide. So please don' t worry, you will receive the parcel in good condition.

Q: How to install and run the machine?

A: Our technician have installed the machine before shipping. For some small parts installation, we will send detail training video, user' s manual along with the machine. 95% customers can learn by themselves.

Q: How can I do if the machine goes wrong?

A: If confronted with such problems, please contact us asap and do not try fix the machine by yourself or someone else. We will response within 24 hours as quick as we can to solve it for you. alxe?