# Channel Letter Bending Machine



**Product Features** 



Friendly Man-Machine Interface

LCDScreen Control U-Disk Transfer Interface

- 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 bend-ing 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.



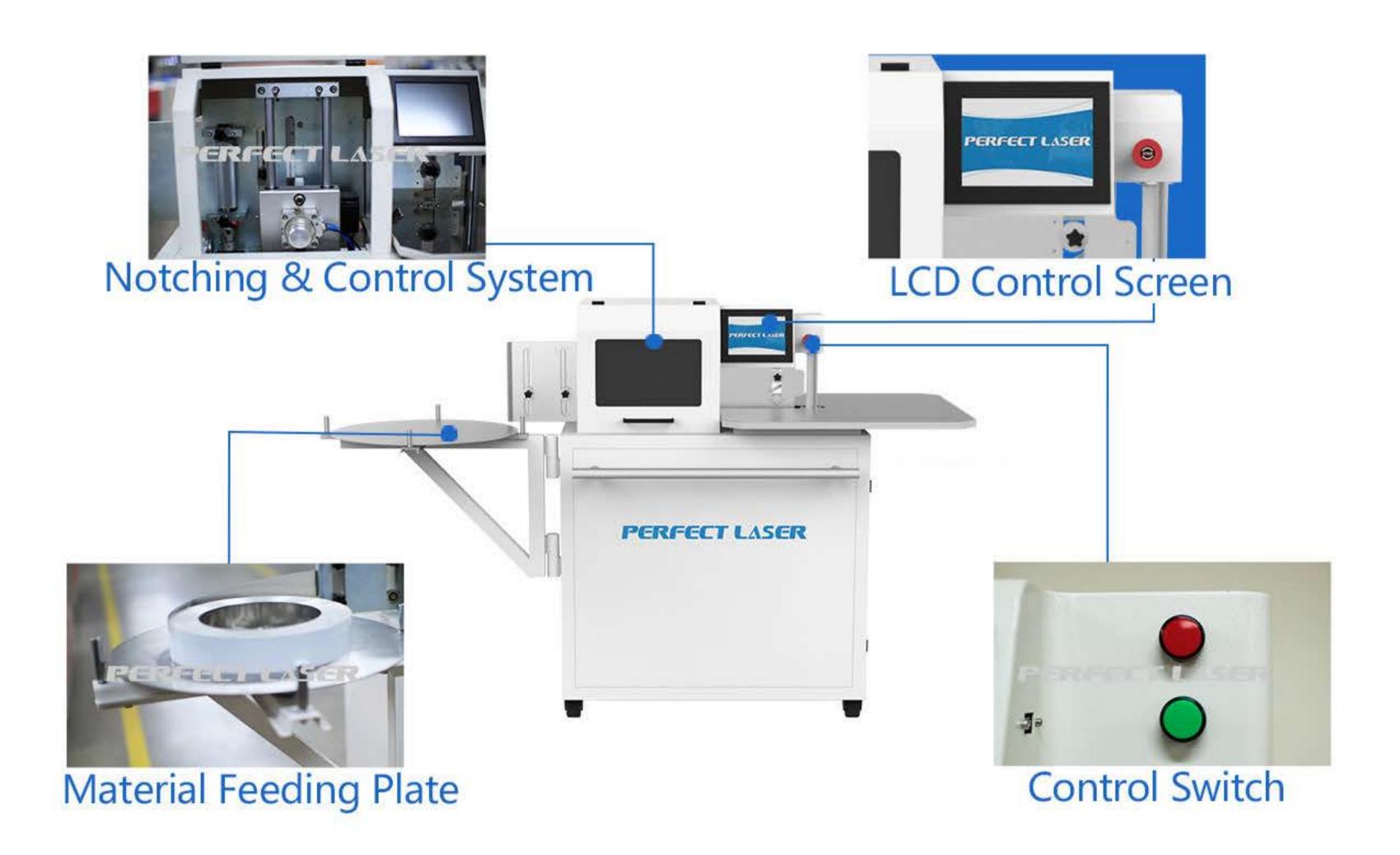












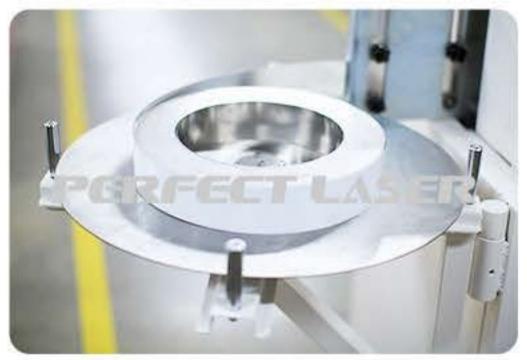


## Part 1: Material Feeding System



1.

Stable Tray
Can hold nearly 200KG weight of materials



2.

Efficient Material Feeding Plate 4 pcs wheels make the feeding quickly



3.

Material Feeding Entrance Knock and fix the material, Adjust the height of the material Avoid material move and waste

#### Part 2: Control and Notching System





## **Advance Notching System**

Advance Notching System:
Notching the material first
Adopt observe window, Convenient to observe the process of notching, in order to stop quickly if anything wrong.



2.

Intenal photo of Notching system



3.

# Air Cylinder

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



5.

#### Advanced LCD Touch Screen

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

# 6.

#### **USB** interface

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



#### **Control Switch**

Big and conspicuous to operate easily



7.

# 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.

## Part 2: Control and Notching System



8.

Japan Imported Bending Knife
High hardness Alloy
No easy worn
Life span can reach 2 years



9.

Window Cover
Stable to hold up the window of Notching during machine working.



10.

Holding Plate with Scale
Easy to watch bending scale then
to finger out everything is or not
on right way.



# **Technical Data**



11.
Reducing Valve
Adjust the valve



Exhaust Fan
Heat dissipation
Ensure machine long
time working

Model	PEL-100			
<b>Notching Method</b>	Bar/plate material			
Туре	LCD control type			
Bending Material	Can bend all kinds of Stainless Steel, Carbon Steel, Galvanize Plate, Aluminum, etc			
Processed thickness	Aluminum: 0.4-1.2 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	<150 mm			
Voltage	220V			
Size	1740*760*1450 mm			
Weight	400KG			
File format	PLT			
Feed speed	5~20 m/ min			
Precision	0.05 mm			
Remark	LCD touch screen to control machine directly,no need to connect computer, it is very convinient			

# Packing & Shipping





PEL-100	Length (m)	Width (m)	Height (m)	Measurement (m3)	G.W.(kg)
	1.78	0.95	1.3	2.20	400



# **Terms and Conditions**

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?