Company Profile

SENFENG Laser Technology Co., Ltd., founded in 2004 as a globe-spanning metal forming manufacturer, has devoted itself to laser cutting, welding, bending, cleaning, cladding, flexible automation and new energy for years.

During production, all our machines have went through natural aging, heat treatment, shot blasting, powder coating, finish machining, quality inspection and many other professional treatments to keep them work for a long time.

Oversea Service Center

SENFENG USA (Los Angeles)

SENFENG USA (Chicago)

SENFENG Germany

SENFENG UAE

SENFENG Pakistan

SENFENG Japan

Domestic Service Center

Global Headquarters

Manufacturing Base(Qihe)

Manufacturing Base (Lingang Road, Jinan)

SENFENG (Suzhou) New Energy

SENFENG (F.T.Z.) Import & Export Company

SENFENG (Wuhan) Branch

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Note: The pictures and parameters in the album are for reference only, and the actual product shall prevail. Printed in Sept.2025.

SENFENG

Provide Global Customers with Metal Forming Automation Solutions

Bending

Cutting Welding
Cladding Cleaning
Automation New Energy

BDC Series

0.8-2.5mm

Flexible Panel Bender
Bend 0.8-2.5mm thin sheet at maximum

This bran-new machine can bend thin sheets accurately, with no need for hand holding.
In addition to faster bending that makes for mass production, consistency among workpieces is also high.

- Automatic suction-cup/press-down arm feeding
- Only need a set of universal bending tools
- Bend into dozens of complex shapes
- Make low demands on sheet surface quality

SENFENG

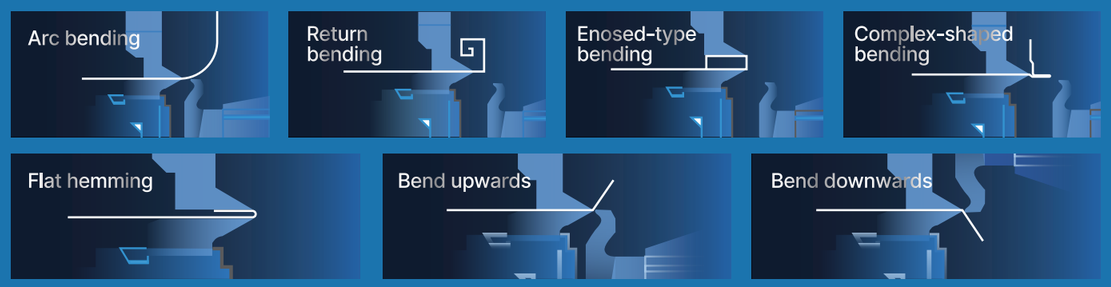
Model	Press-down Arm Panel Bender	Suction Cup Panel Bender
Max Bending Speed (S/bend)	0.2	0.2
Max Bending Length (mm)	1500-3200	1200-1500
Bending Height (mm)	200/300 (optional)	170
Max Bending Thickness (mm)	304 stainless steel: 1.5; cold plate: 2.0; AL sheet: 2.5	201 stainless steel: 0.8; cold plate: 1.0; AL sheet: 1.3
Min Bending Thickness (mm)	0.35	0.35
Max Bending Size (L*W, mm)	1500*1250-3200*1250	1200*1200-1500*1250
Number of Axes	13-16 axis concurrent linkage	10-axis concurrent linkage
Overall Dimensions (L*W*H, mm)	4400*2000*2750-6600*4000*3280	3700*1800*2450-4000*2000*2550
Gross Mass (T)	13-25	9-12

Automatic and Labor-saving Feeding

We employ press-down arm or suction cups to feed sheets. The former uses upper & lower grippers to clamp workpieces even when there are pores, dents or they are in complex shapes. The latter prefers to vacuum suction cups to suck up, move and spin sheets within 360° at fast speed.

Millions of Bends

A set of universal bending tools is enough, which are made of high-strength alloy/die steel and have got through dozens of procedures including solid forging, tempering and quenching in order to bend for millions of times.



Bend in Great Numbers

Thanks to visual graphical programming, workers only need to input bending data, then, bending instructions will be generated, with no manual programming. Full automation runs through feeding, positioning, bending to unloading, minimizing shutdown to an extreme.

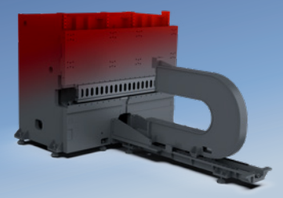
- **Easy to operate**
- **Tiny error after bending**
- **High consistency among workpieces**
- **Low demands on workers' skill**

Firm Structure and Long Lifetime

Its machine tool bed is designed as triangular, of which some key components are made of 80mm steel plates in order to keep itself stable even under high-tonnage impact.

High-standard machine tool

Keep indeformable even after long-time use due to high annealing, aging treatment, etc.



Other auxiliary devices

Work with auxiliary knife and automatic tool changer to fulfill more complex tasks.