

# SENFENG

Cutting Welding Cleaning Cladding Bending Milling Automation

# 1313G

1.5-3kW

## Compact-sized Single-platform Sheet Laser Cutting Machine

This machine has a small body and fits to cut pony-size, relatively thin and light-weight sheet. With it, users will enjoy small metal workpieces at high precision.



- Fully-enclosed structure
- Only need a 20GP container
- Sidewise push-pull platform
- Zoning smoke exhaust system

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## Cut Thin Sheet at High Precision

Laser energy precise-control technology is adopted to take accurate control of laser beam output entirely based on sheet thickness. In this way, thin sheet will be free from overburning or burr. Cutting section becomes much smoother.

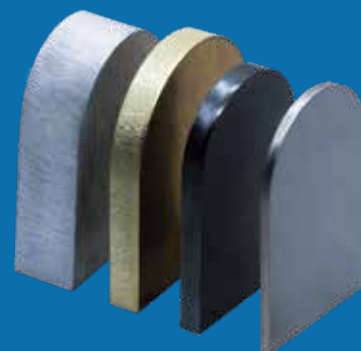


Cut  $\leq 20\text{mm}$  thick sheet

## Also Deal With High-reflectivity Metals

Custom-made laser generator is small, light and compact-designed. Using the new generation of laser pumping source and optical elements, it sees high anti-back-reflection ability while cutting AL, SS, copper and other high-reflectivity metals.

- \*Anti-back-reflection modules
- \*Electro-optical conversion rate  $> 40\%$



Model	1313G
Laser Power (kW)	1.5-3
Working Area (L*W, mm)	1300*1300
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max No-load Speed (m/min)	80
Max Load of Platform (kg)	220
Overall Dimensions (L*W*H, mm)	2985*2160*2000
Power Supply	Three-phase 380V, 50Hz/60Hz

## Make Easy Oversea Shipment

The mini model is much smaller in size than others of same type. Due to its small footprint, workshop will be better utilized and oversea transport will be more flexible at less freights.

**01** Machine size: 2985\*2160\*2000mm (L\*W\*H)

**02** Easily packaged in a **20GP** container



## Carry out Safe and Green Production

### \* Fully-enclosed structure

Equipped with top cover to form fully-enclosed structure and prevent laser radiation.



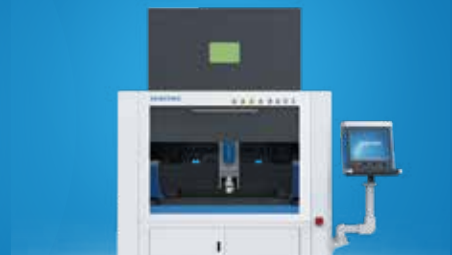
### \* Keep workshop clean

Its zoning smoke exhaust system can synchronize smoke exhaust and cutting to prevent its diffusion.



### \* Make loading & unloading easier

Its sidewise push-pull platform not only saves occupied space, but also facilitates loading and unloading to get further efficiency gains.



# 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.



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