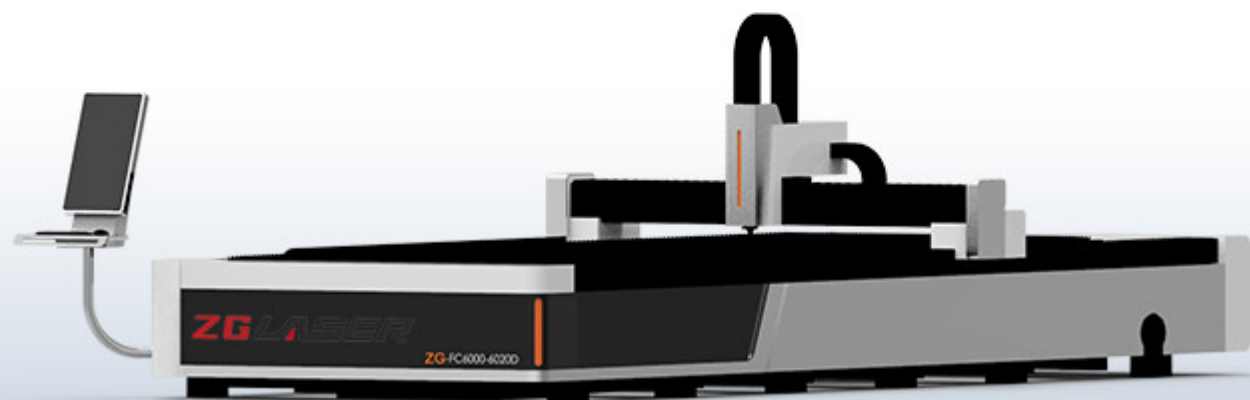


ZG LASER

Fiber Laser Cutting Machine



Tube & Sheet
Cutting



Enclosed With
Exchange Table



Coil-Fed
Cutting



Ground-Rails For
Large Format

Designed for sheet metal laser cutting with high speed and precision

Fiber Laser Power



Application

● Applicable Materials >>



This machine is suitable for metal materials such as stainless steel, carbon steel, alloy steel, silicon steel, galvanized steel, nickel titanium alloy, chromium nickel iron alloy, titanium alloy and etc.

Machine Details

01

Heavy Bed & Aluminum Beam

The machine has excellent earthquake resistance, high rigidity and stability



Precise Blanking

Self-owned Plasma & laser cutting machine can cut materials into various size with highest precision.



High Quality Welding

Compared to other manufacturer, we used robot laser welder to process machine bed which can ensure the highest welding quality.



Workshop 3

Annealing & Ageing Treatment

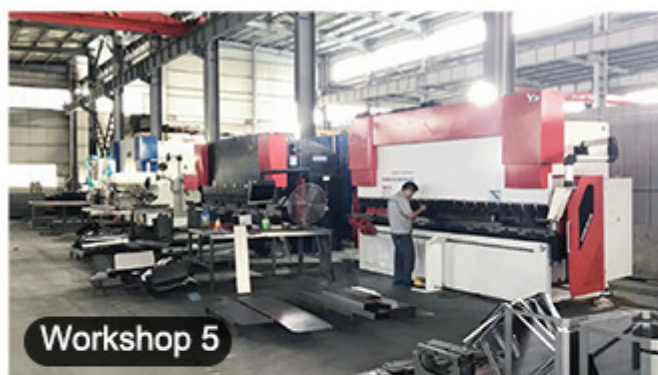
Machine beds have been annealing & ageing treatment which can guarantee stability of the welded bed structure.



Workshop 4

High-precision milling

The bed and beam are processed by high-end CNC gantry milling machines with 12 meters machine, 8 meter machine, 5 meter machine.



Workshop 5

Sheet metal manufacturing

High standard sheet metal blanking, bending and welding production processes.



Workshop 6

Coating

All the sheet-metals have been treated by an environmental-friendly line with pickling, alkali washing and spray coating.



Workshop 7

Assembling

Machine assembled and debugged by skilled workers.



QC Testing

Laser collimator detection is used to ensure the installation accuracy. Laser interferometer is used to detect the positioning accuracy and re-positioning accuracy of the machine.

02

Raytools Cutting Head-autofocus



03

High Power Laser Cutting Head

BLT641

High Power Intelligent
Laser Cutting Head





04

High Power Laser Cutting System

FSCUT8000

High Power Laser Cutting
EtherCAT System



Off-line Program & Design & Nesting & Cutting



CypCut

Sheet Cutting Software



1



Auto Optimize
Imported Drawing

2



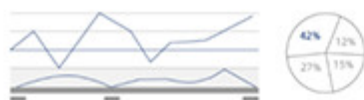
Graphical Cutting
Technique Setting

3



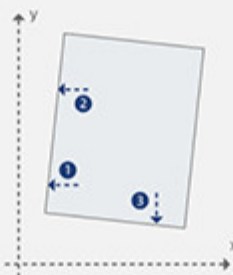
Flexible
Production Mode

4



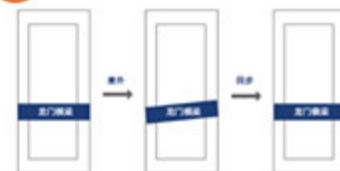
Statistic of
Production

5



Precise Edge Finding

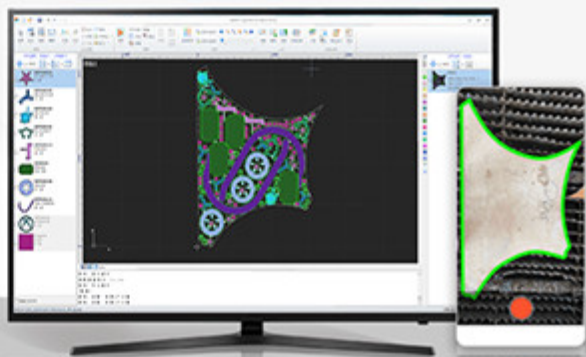
6



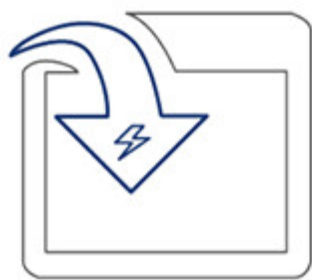
Dual-Drive
Error Offset

**CypNest**

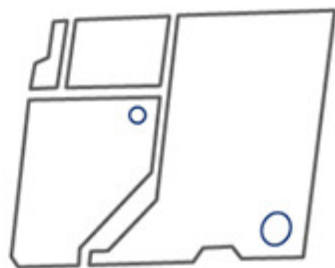
Sheet Nesting Software



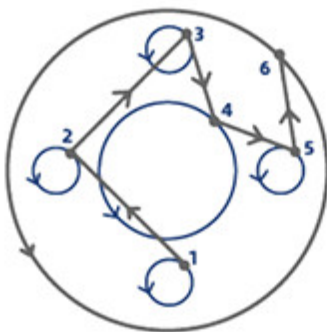
Support Off-line Program



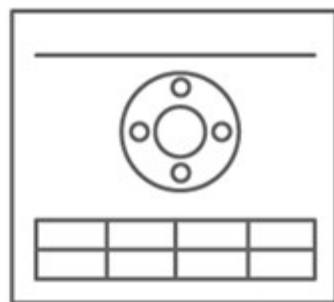
Drawing Modification
and Import



Nesting Strategy

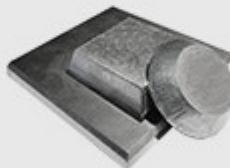
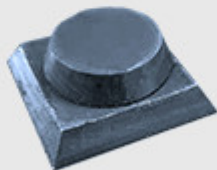


Toolpath Optimization



Production Assist

Cutting samples



ZG LASER

Industry Laser

Medical Laser

Entertainment Laser



楚天中谷联创
CHUTIAN ZHONGGU LASER

1985

Chutian
Established

2011

Qizhi Medical Laser
established

2001

Wuhan Lianchuang
established

2013

Panasia Culture &
Touris established

2016

Wuhan Lianchuang
Was Listed
Stock No. 838256

2018

5-Axis Laser
Cutting System
developed

2020

Passed Industry
4.0 inspection by
Germany

2022

Invested by China
High-tech Industry
Investment Fund



楚天中谷联创
CHUTIAN ZHONGGU LASER

37

Years

400+

Patents

10,000+

Clients



中谷联创

ZHONGGU LASER

Wuhan Lianchuang Photoelectric Technology Co., Ltd.

A Chutian Laser Group Company

Since 1985



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Email: market@ct-laser.com