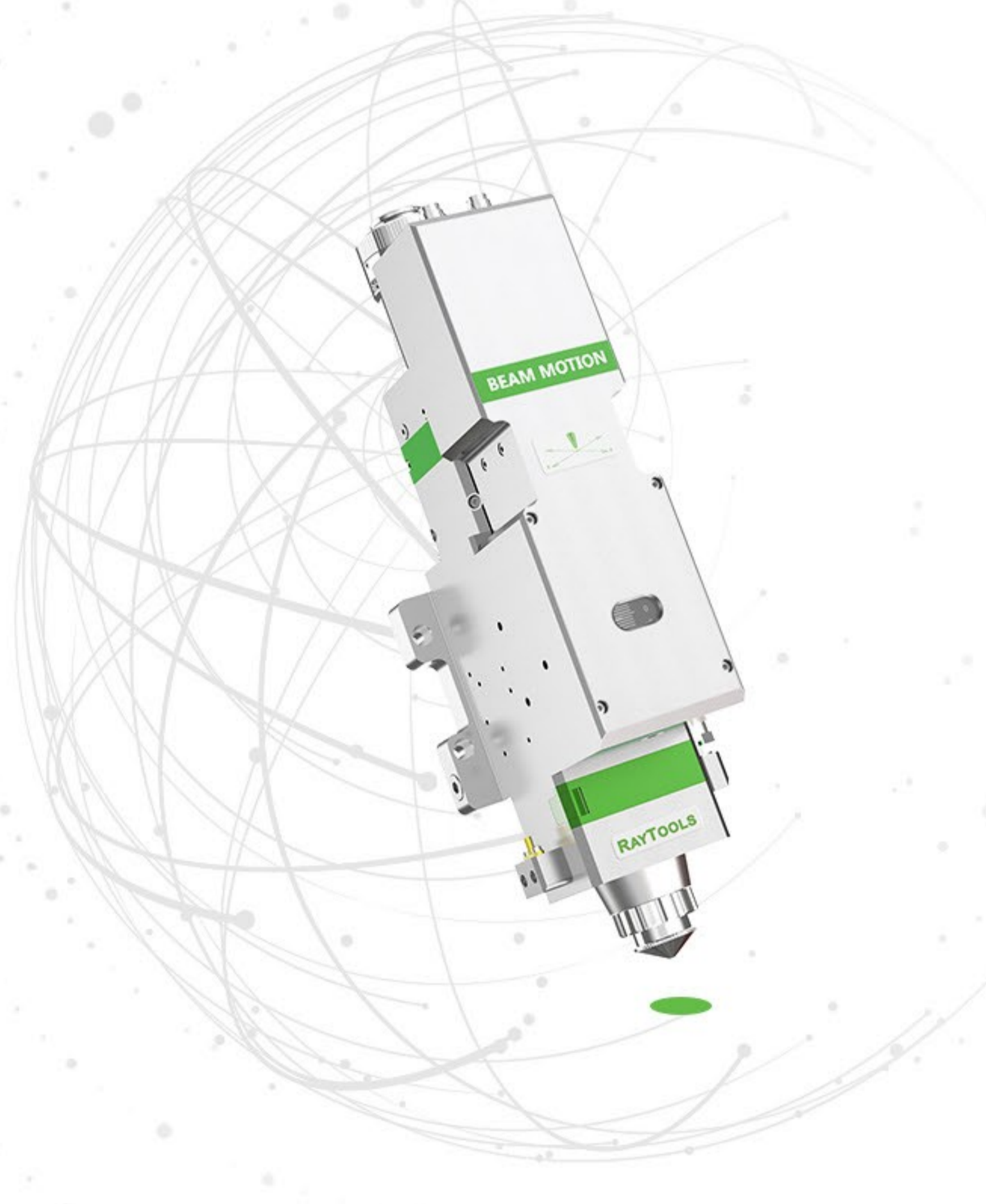
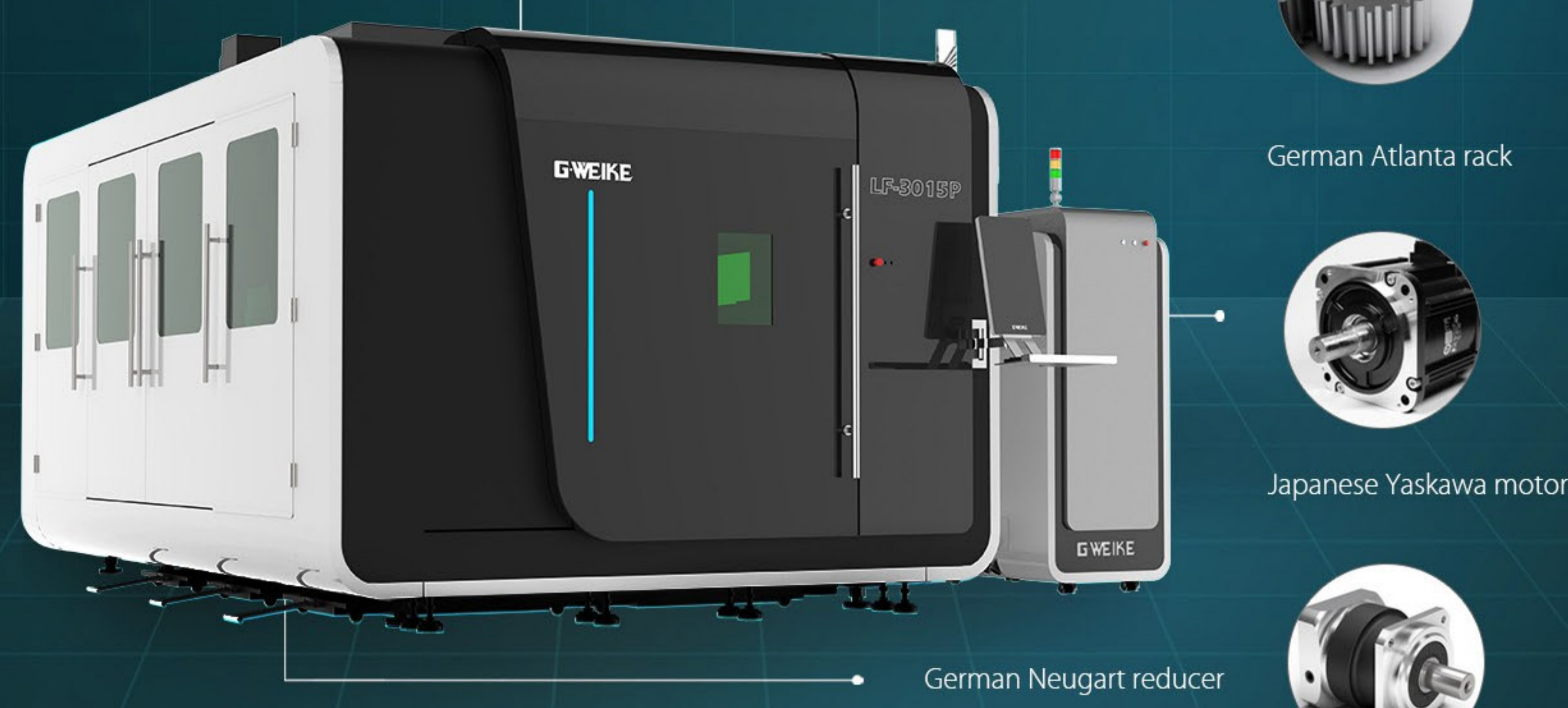


P SERIES/8000W

LF3015P PALTE FIBER CUTTING MACHINE



Auto Focus Laser Cutting Head

Without manual focusing

The software automatically adjusts the focusing lens to realize automatic perforating and cutting plates of different thickness. The speed of automatically adjusting focus lens is ten times of the manual adjusting.

Bigger adjustment range

Adjustment range -10 mm ~ +10mm, precision 0.01mm, suitable for 0 ~ 20mm different types of plates.

Long service life

Collimator lens and focus lens both have water-cooling heat sink which reduces the temperature of the cutting head to improve the life of the cutting head.

Plate Welding Heavy Work Bed

Annealed And Heat Treated

Plate welding heavy work bed, no deformation in 20 years, suitable for ultra-high power 10,000-watt laser. The increase in weight is very beneficial to the laser cutting machine cutting speed.

Innovative Four Slings Working Bed

For reducing damage to the work bed during laser working, GWEIKE innovated the new work bed by adding four slings, and the life span of the fiber laser cutting machine work bed will be doubled.

8000W IPG Fiber Lasers Source

World famous brand

GWEIKE laser cutting machine YLS-CUT series high power fiber laser of IPG. Powerful cutting ability with stainless steel, aluminum and other metal materials, cutting thickness is up to 40mm.

Long Service life

The world leading IPG laser has stable performance, the service life can reach 100000 hours, and the overall quality of the equipment can be guaranteed safely.

Stable Cutting Performance

Lasers produce superior beam quality, finer cut lines, higher productivity and better processing quality. The fully enclosed constant temperature laser working environment is more effective in ensuring the stable operation of the laser.



Machine Advantage

Safety and No Pollution

With a fully enclosed design, the observation window adopts an European CE Standard laser protective glass. The smoke produced by cutting can be filtrated inside, it's non-polluting and environmentally friendly.



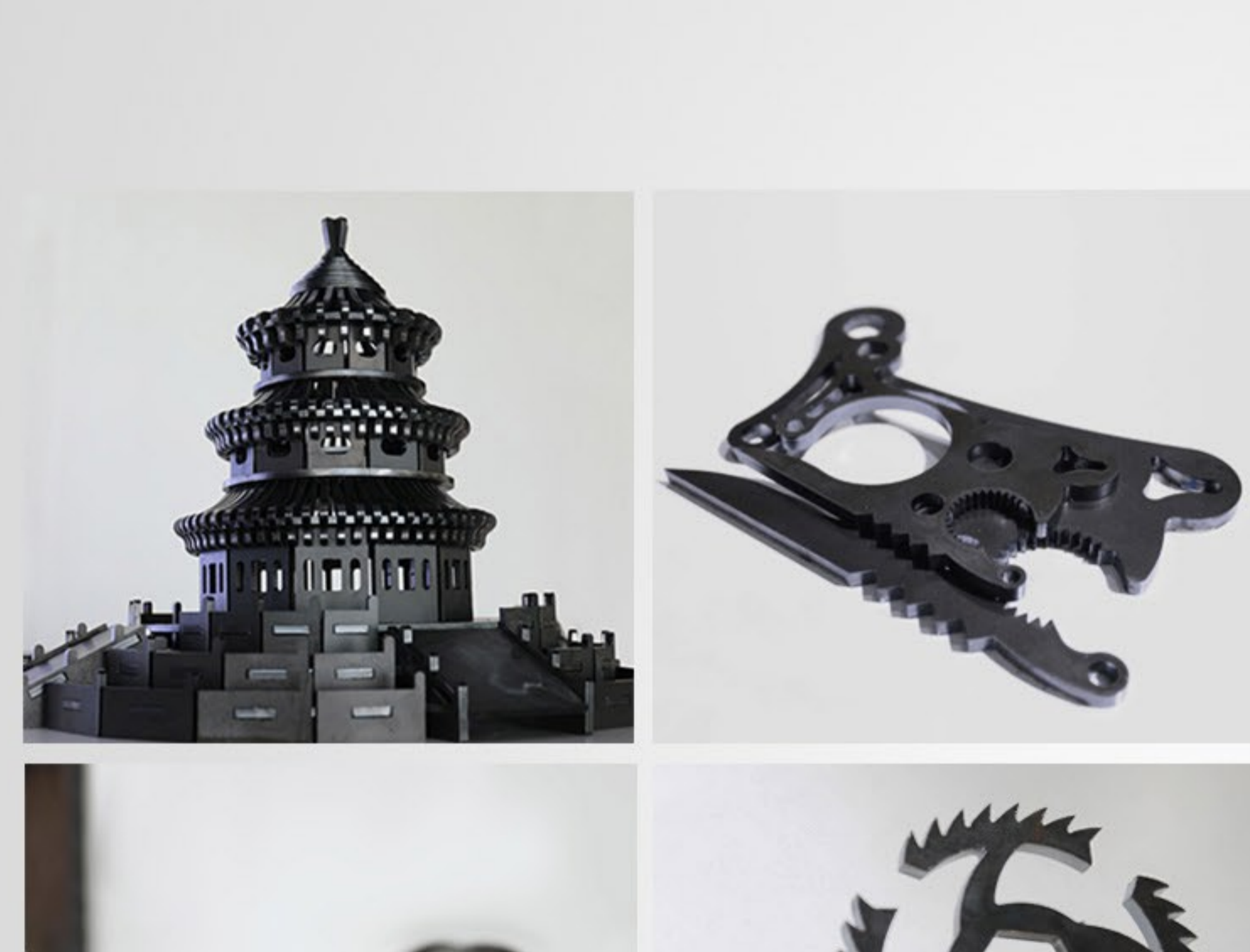
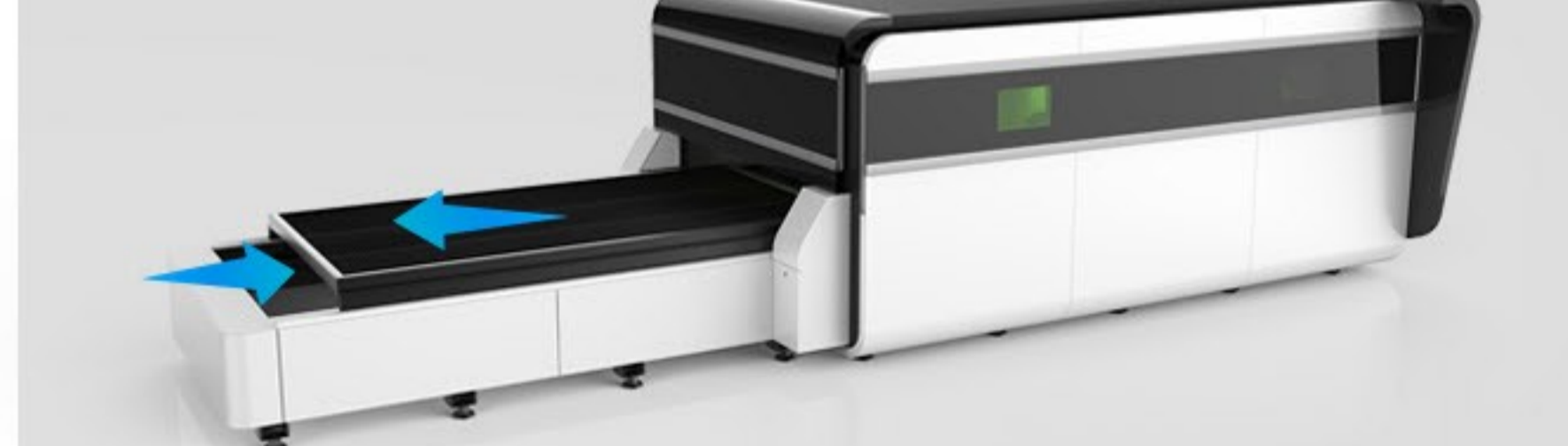
Exchanging Platform

It adopts an up and down exchange platform, and the converter is responsible for controlling the exchanging motor. The machine is able to finish the platform exchanging within 15s.



Monitored Control System

In the processing process, each dead corner area can be monitored at any time, the process can be controlled. High definition intelligent monitoring system, remote alarm, there is no danger in operation.



Industry Applications

LF3015P fiber laser cutting machine can carry up to 8000W laser power, so cutting some thick plate, it is a very good choice. For example, agricultural machinery, textile machinery, food machinery and construction machinery and other large machinery and equipment manufacturing, usually use high power fiber laser cutting machine for processing. Suitable for stainless steel, carbon steel, silicon steel, aluminum alloy, titanium alloy, galvanized steel, aluminum-plating zinc plate, copper, and other metals.

Technical Parameters

Machine model	LF3015P
Laser power	1000W 2000W 3000W 4000W 6000W 8000W(OPTIONAL)
Dimensions	5425*3150*2530MM
Working area	3000MM X 1500MM
Repeat positioning accuracy	±0.02MM
Maximum speed	120M/MIN
Max. acceleration	1.5G
Voltage and frequency	380V 50HZ/60HZ

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