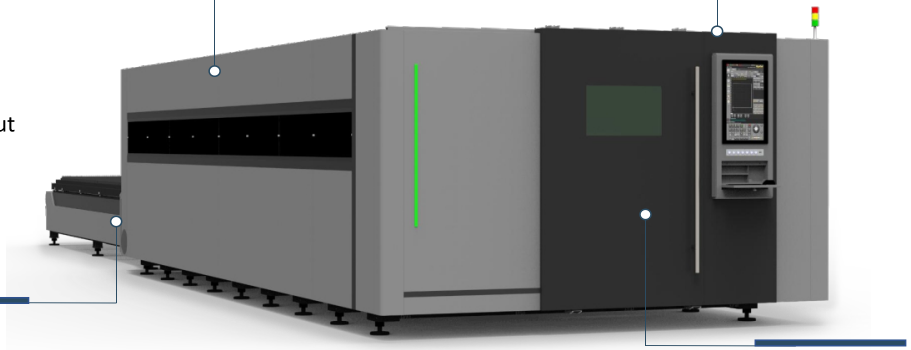
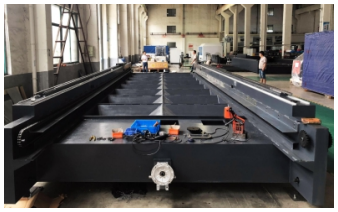
LW-CSE series Enclosed Laser Cutting Machine

Anti-burning Layer
Protect the machine table from burn out

Inspection and Calibration
The positioning accuracy and movement accuracy of the machine tool, the guide rail and rack, Rack and pinion transmission, faster acceleration and speed, better rigidity, impact resistance.



EtherCAT Cutting system
Stable and reliable, easy to deploy, easy to debug, safe in production, rich in functions, and excellent in performance.

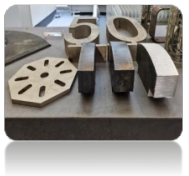


Machine table annealing
When power is higher, the heat of laser beam can make table distorted easily.The anti-burning design is special for high power laser, protective table effectively.

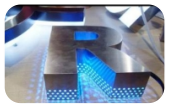
Machine parameters

Model	GS-CSE	Electricity demand	380V / 50HZ
Working area	3015、4015、6015、4020、6020、6025、（Support customization）	Max position speed	80m/min - 200m/min
Power range	6KW - 40KW	Acceleration	0.8G - 2G
Minimum kerf width	0.15mm	Cooling way	Water cooling
Minimum line width	<0.1mm	Control system	Special cutting system
X/Y positioning accuracy	±0.03mm	Motion mode	Precision rack double drive
X/Y Repeated accuracy	±0.02mm	Laser cutting head	Auto focus
Cutting thickness	0.2mm - 100mm	Laser source	IPG/Raycus/Max/BWT
Optional	Exchange platform / fully enclosed protection	Machine weight (KG)	About 7000kg-12000kg, 9000kg-13000k (for reference, different power weight will be different)

Cutting Sample:



Application Industry:



Automobile industry

Cabinet industry

Kitchenware industry