

GF25120/GF35120

Ground rail large format fiber laser cutting machine

Technical Parameters

Laser power	6000W-30000W
Maximum idling speed	80m/min
Maximum acceleration	0.8g
Positioning accuracy	0.1mm/10m
Repetitive positioning accuracy	0.05/10m
Maximum groove angle	± 45°



overall description of the equipment

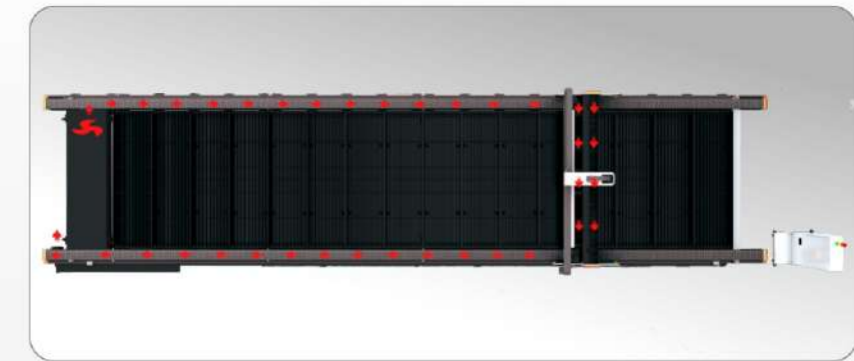
- ✔ Ground rail type large format fiber laser cutting machine, with large format and strong load bearing, can be used for one-time processing and molding of oversized plates.
- ✔ The overall design adopts a ground rail type modular design, and the length and width can be customized at will. After the entire machine is disassembled, it can be shipped in standard containers.
- ✔ Can be equipped with groove components to achieve a maximum of 45° groove cutting, V-shaped, X-shaped, Y-shaped groove and other different types of groove one-time molding, can greatly improve the efficiency of sheet metal processing.

Machine Details



Lightweight aluminum beam

Good dynamic performance, compression resistant design, not easy to deform after long-term use, dedicated mold aluminum alloy material molding process, structural integration, high strength, and more durable.



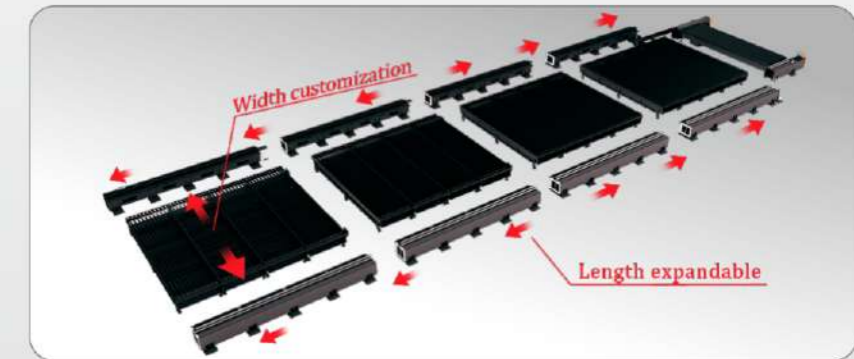
Time sharing and zoning ventilation

The place where the cutting head moves to begins to draw air; It adopts right blowing and left extracting, and is equipped with a large air volume blower on the right side. Together with a large suction blower on the left side, it creates a good working environment for you.



Segmented modular workbench

Convenient disassembly and replacement without hindering production; Modular blade assembly makes slag removal more convenient and labor saving.



Modular design

The length and width can be customized to suit the processing of oversized and ultra-thick plates; The separation design between the workbench and the bed ensures that the heat generated by cutting does not affect the bed, ensuring high-speed and high-precision operation of the machine tool.