Dual Table Laser Cutting Solutions

BOLT VII PRO Series Laser Cutting Machine

Penta Laser BOLT VII PRO Series Laser Cutting Machine is a high-performance, heavy-duty laser cutting machine engineered for high-power applications. This model features a hydraulic lifting exchange workbench that allows for rapid positioning and installation, significantly enhancing operational flexibility and efficiency. It is especially well-suited for industries such as sheet metal processing and machinery manufacturing. The machine is Directive 2006/42/EC(CE Standard) compliant, providing comprehensive protection for laser operation safety.

CE



Characteristics

- Base on the size support from 6kW up to 60kW, travel speed up to 200m/min, and acceleration up to 2.8G for high efficiency.
- Features a capacitive sensor and automatic tracking system, enabling the cutting head to float over the workpiece. Integrated auto-focusing adapts to various plate thicknesses.
- Zoned dust removal and a fully sealed design provide high dust collection efficiency and a clean, safe workspace.
- Includes Smart Manager system with a built-in process database. Supports real-time adjustment, corner control, and breakpoint resume to increase material use and productivity.
- The machine complies with Directive 2006/42/EC(CE Standard).
- Deliverable in standard HQ container for select models.

Optional Configurations

Automatic Nozzle Exchanger	Automatic Beam Centering	Gas Mixer
Blue Eye	Compatible with Automation	Fly Cutting
UL Standards Compliance	Bevel Module	

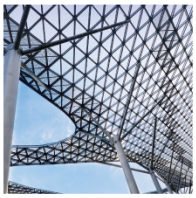
*for select models

Technical Parameters

Model	BOLT VII PRO 3015 - 13030
Table Travel(mm)	3100 × 1600 - 13050 × 3020
Accuracy(mm)	0.06
Mechanical Repeatability(mm)	0.02
Maximum Speed(m/min)	200
Maximum Acceleration(G)	2.8
Laser Power Option(kW)	6 ~ 60

Applications


Construction Machinery


Steel Structures


Special Vehicles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