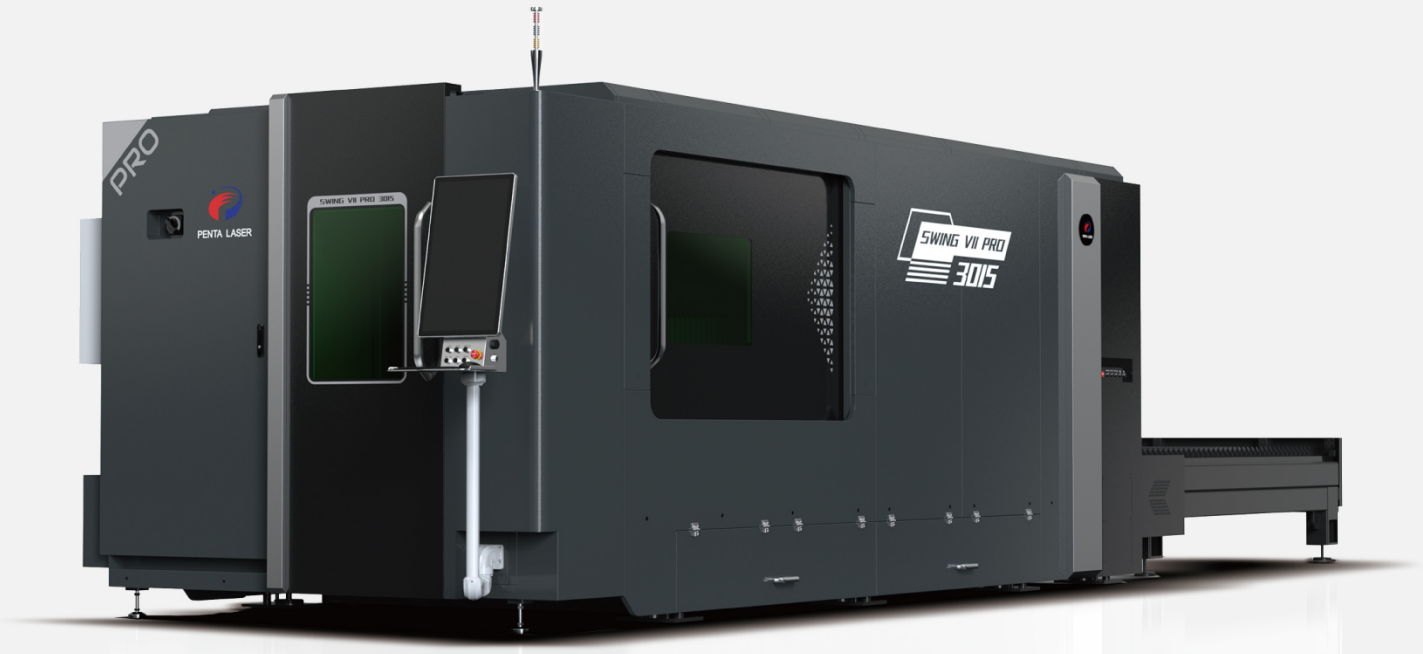
Dual Table Laser Cutting Solutions

SWING VII PRO Series Laser Cutting Machine

Penta Laser SWING VII PRO Series Laser Cutting Machine offers outstanding cost performance, high efficiency, and high precision, and fully complies with Directive 2006/42/EC(CE standards). The equipment is designed with high integration, a compact structure, and a small footprint, allowing it to be loaded into standard containers. This model is suitable for sheet metal processing, machinery manufacturing, and related industries. The cutting area features a fully enclosed design, offering a high level of laser protection and excellent dust removal performance.

CE



Characteristics

- 6kW–20kW laser power for efficient cutting of diverse materials and thicknesses.
- 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

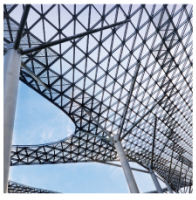
Automatic Nozzle Exchanger	Automatic Beam Centering	Gas Mixer
Blue Eye	Fly Cutting	Raster
Compatible with Automation	Double Monitors	UL Standards Compliance

Technical Parameters

Model	SWING VII PRO 3015 - 6025
Table Travel(mm)	3100 × 1600 - 6100 × 2600
X,Y Accuracy(mm)	≤ 0.06
X,Y Repeatability Accuracy(mm)	≤ 0.02
Maximum Speed(m/min)	140
Maximum Acceleration(G)	1.5
Laser Power Option(kW)	6 - 20

Applications


Construction Machinery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