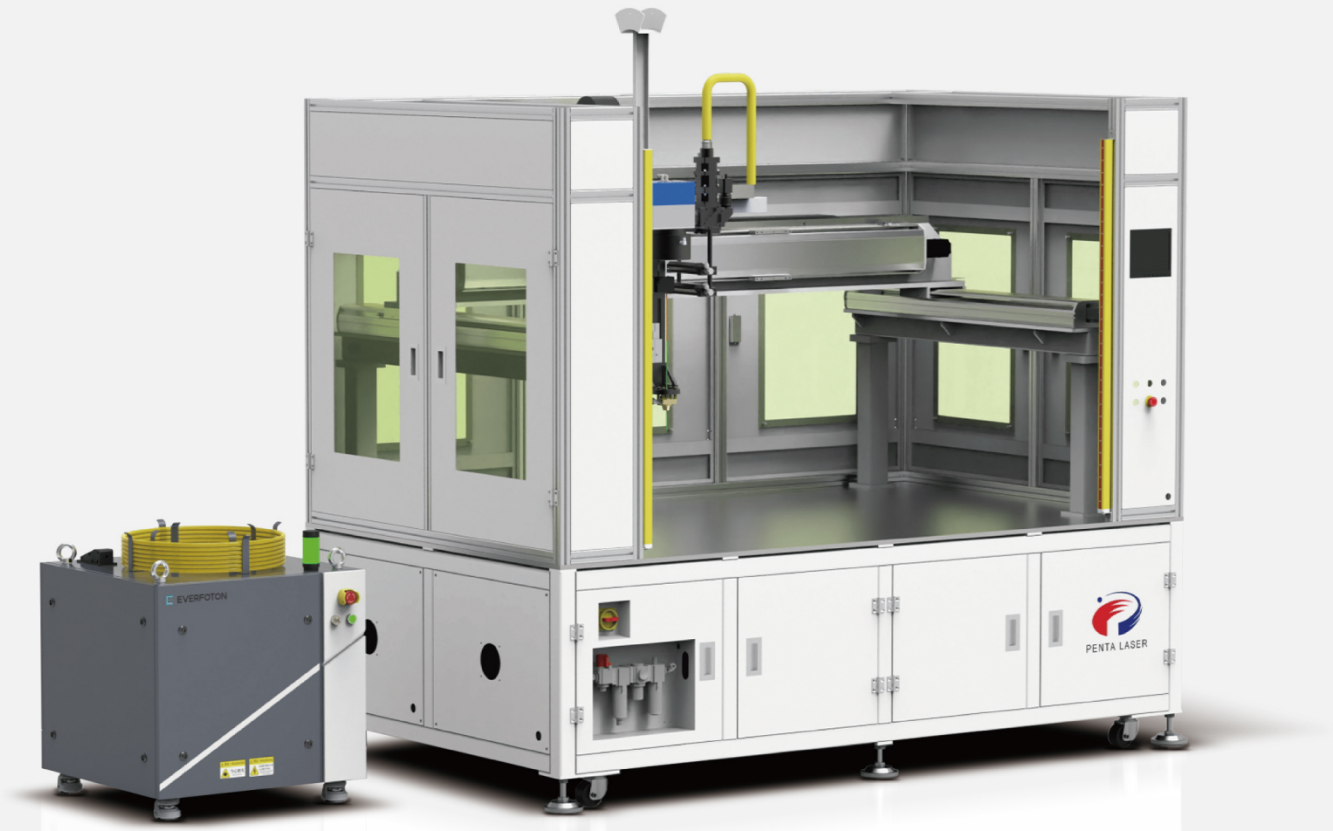
Laser Welding Solution ▸ Standard Welding Series

Large-Format Standard Welding Platform

Penta Laser Large-Format Standard Welding Platform integrates high stability, high precision, high safety, and digitalization, making it the ideal solution for large-format, high-quality welding applications.



Characteristics

- Gantry dual-drive and self-developed laser ensure stable performance and low failure rate.
- Optional coaxial CCD monitoring, CCD positioning, and laser ranging systems enhance welding quality.
- Full safety protection effectively shields operators from laser radiation.
- Collects process parameters including welding power and speed.

Optional Configurations

Welding Rotary Positioner	Automatic Visual Positioning Calibration

Technical Parameters

Model	IPW 1210
Equipment Dimensions(mm)	1200 × 1000 × 1800
Air Supply(MPa)	0.5 - 0.7
Power Supply(Hz)	380VAC 50
Laser Type	FFRC - H, FFRC - SM, FFRQ, FFSC
Laser Power(W)	300 ~ 6000
Welding Head Type	Collimatar Head, Swing Head, 2D Galvo, 3D Galvo
Welding Dimensions(mm)	500 × 300 × 200

Applications


Sheet Metal Structural Parts


Automobiles Parts


New Energy Sector