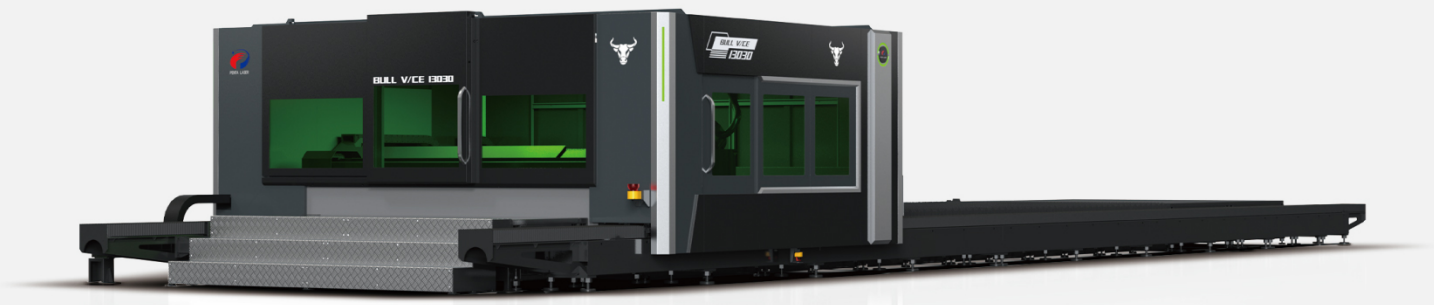
Single Table Laser Cutting Solutions

BULL V/CE Series Laser Cutting Machine

Penta Laser BULL V/CE Series Laser Cutting Machine is a large-format machine, featuring a modular design, allowing customization of different formats according to customer requirements. The entire machine is equipped with a fully enclosed cutting area, providing the highest level of mechanical and laser safety protection and fully complying with Directive 2006/42/EC(CE standards). It features a built-in intelligent system that automatically maintains the verticality of the cutting head and corrects any deviations using integrated software.

CE



Characteristics

- Innovative independently moving cabin decoupled from the gantry, controlled via advanced software to move seamlessly in sync and enable maximum acceleration.
- Spit-bed strong structure eliminates thermal impact from high-power cutting.
- Wide doors and panoramic protective glass windows provide a complete view for easy operation and maintenance.
- Perfect air flow management ensures effective fumes extraction.

Optional Configurations

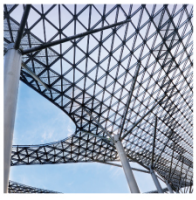
Bevel Module	Zinc Powder Marking Module	Marking Module
Remoted Console	Blue Eye	Automatic Beam Centering
Laser Hybrid Technology	UL Standards Compliance	Gas Mixer

Technical Parameters

Model	BULL V/CE 8025 - 50045
Processing Format(m)	Length 8 - 50, Width 2.5 - 4.5
Maximum Speed(m/min)	110
Maximum Acceleration(G)	1
Accuracy(mm)	X:0.25 @12m; 0.35 @16m; 0.7 @26m Y:0.05 @3.5m
Repeatability Accuracy(mm)	X:0.10 @12mm; 0.12 @16m; 0.20 @26m Y:0.03 @3.5m
Z Stroke(mm)	260
Laser Power Option(kW)	12 ~ 80

Applications


Construction Machinery


Steel Structures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