

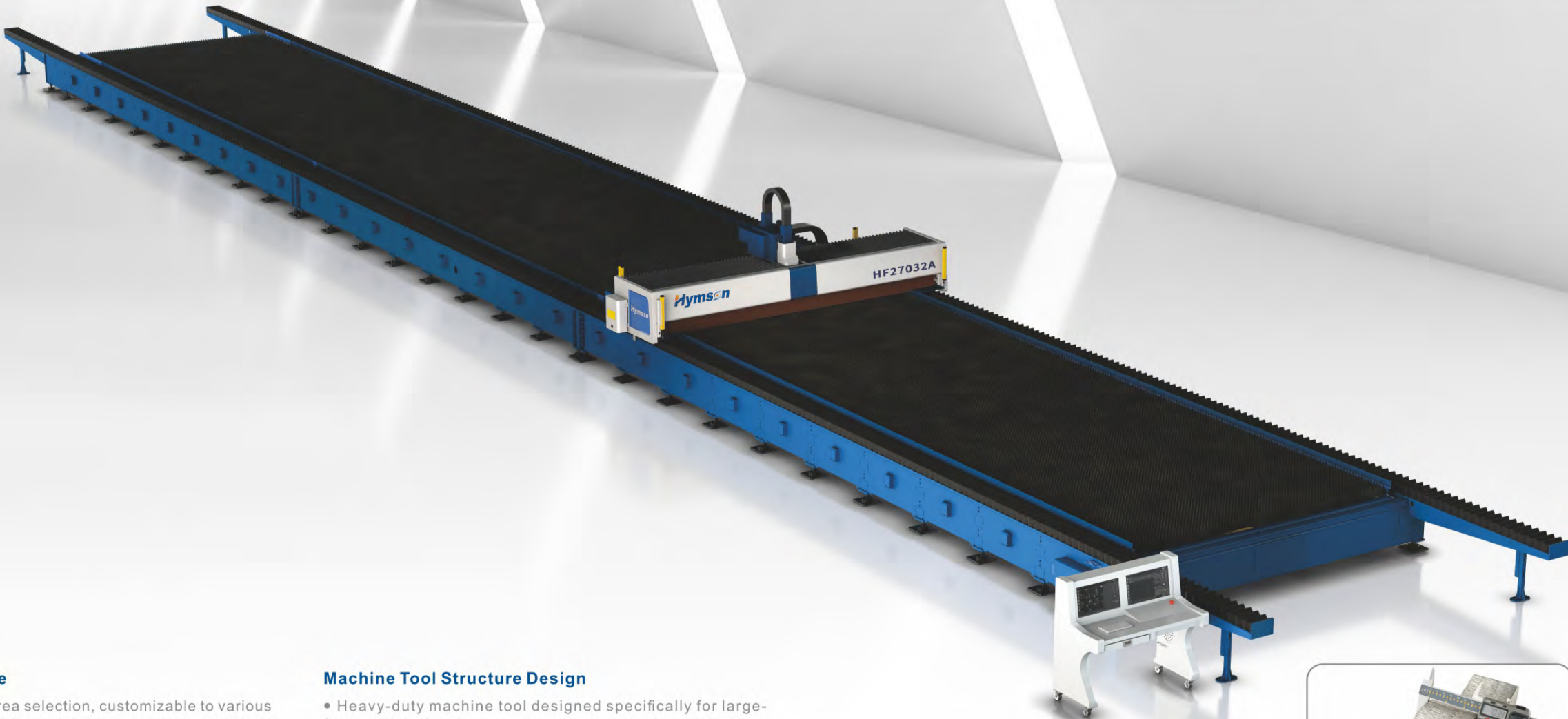
HF-A (LARGE FORMAT) SERIES LASER CUTTING MACHINE



International Technology • Australian Service

Customized Large Size Fiber Laser Cutting Machine

Customized large-format machine tools with powerful cutting capabilities that can continuously and stably process large-sized plates.



Customized Machine

- Flexible processing area selection, customizable to various extra-long and extra-wide models, to meet the customized cutting and processing requirements of different industries and different plate materials.

Thermal Dynamic Compensation Technology

- Thermal dynamic compensation technology, intelligent compensation accuracy, effectively ensuring long-term high-precision use of large-format machine tools.

Machine Tool Structure Design

- Heavy-duty machine tool designed specifically for large-format thick plate laser cutting, supporting ultra-high power and low heat deformation.

Multiple Security

- Multiple high-temperature refractory materials; Built in monitoring; Full surround protection; Anti collision function.

Efficient And High-quality Cutting of Medium And Thick Plates

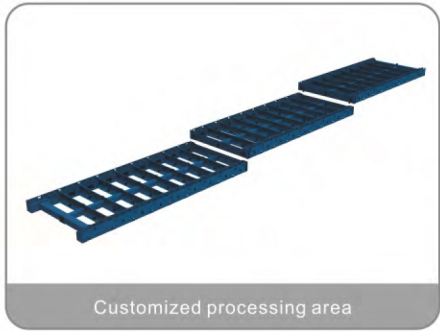
- Scope: High speed and high precision cutting of 1~100mm carbon steel and stainless steel, 1~100mm Aluminum, 1~50mm copper plates and all kinds of galvanized plate, electrolytic plate and silicon steel and other metal plates.



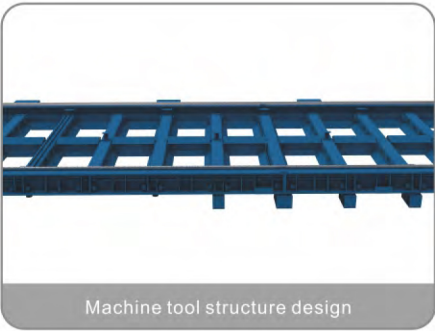
Stainless Steel 70mm



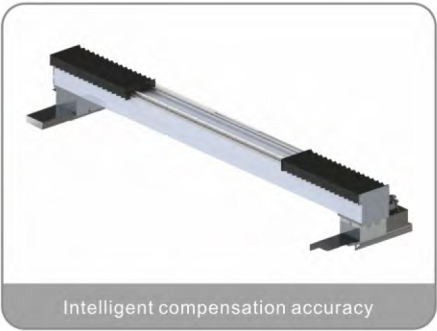
Carbon Steel 80mm



Customized processing area



Machine tool structure design



Intelligent compensation accuracy

Performance Indexes					
Model	HF6025A	HF8025A	HF12025A	HF24030A	Customized Format
Effective Cutting Range	6000mmX2500mm	8000mmX2500mm	12000mmX2500mm	24000mmX3000mm	25~50m
Power	6000W~40000W	6000W~40000W	6000W~40000W	6000W~40000W	6000W~40000W
X/Y-axis Positioning Accuracy	±0.03mm/m	±0.03mm/m	±0.1mm/m	±0.1mm/m	±0.1mm/m
X/Y-axis Repositioning Accuracy	±0.05mm	±0.05mm	±0.05mm	±0.05mm	±0.05mm
Maximum Speed of X/Y-axis Linkage Positioning	110m/min	110m/min	100m/min	100m/min	100m/min
Maximum X/Y-axis Acceleration	0.8g	0.8g	0.8g	0.8g	0.8g
Floor Space of Whole Machine	8300mmX3500mm	1000mmX3500mm	15000mmX3500mm	31000mmX9000mm	According To Format

