

D-SOLAR

Ultra Fast Fiber LASER Cutting with Bystronic Controller



1 High Efficiency

Equipped with a newly designed fiber laser cutting head, unique 8-channel water cooling system, 8-level sealing and self-owned optical beam cluster design.

3 High Precision

Equipped with European standard machine tools, European transmission system and electrical control.

2 High Intelligence

The ByMotion cutting system and DNE Power CAM offline programming nesting software tailored for D-Solar makes the operation more intelligent.

4 High Savings

Automatically control gas, save gas consumption, make full use of residual materials, and save a lot of material costs.

Features:

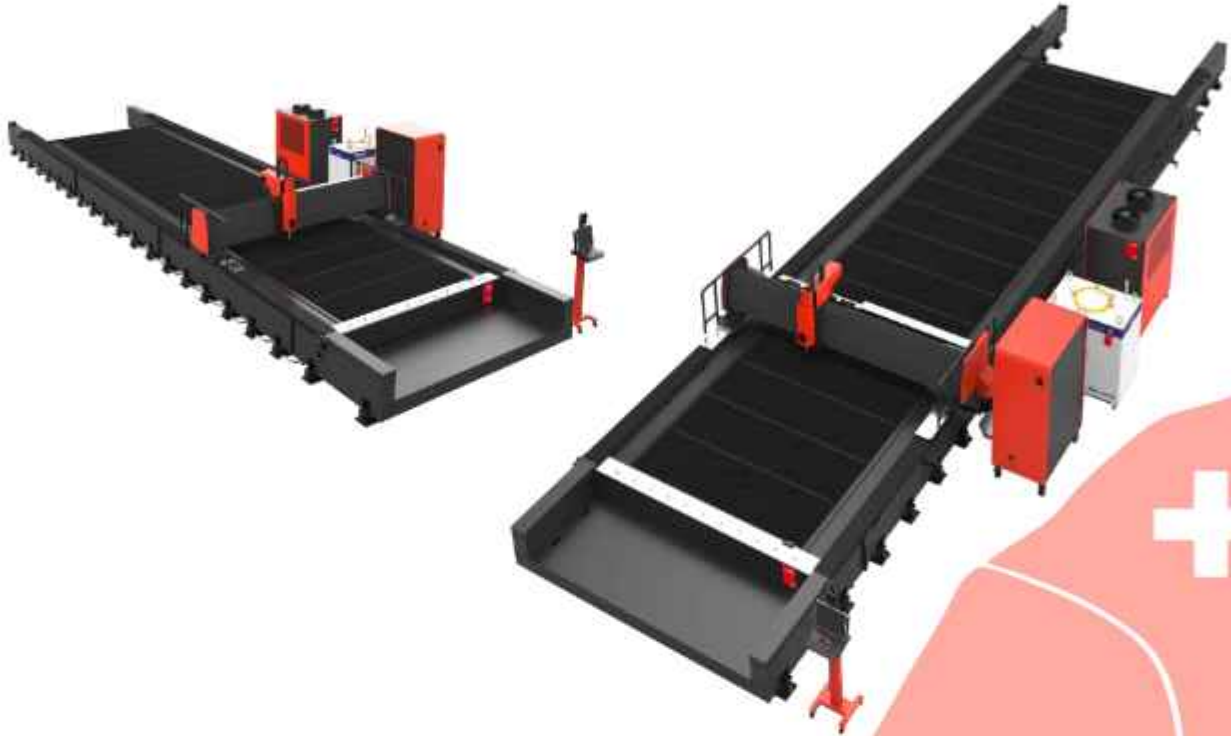


Technical Parameters

Model	D-Solar							
Laser Source	Fiber laser source (optional)							
Format (Customizable)	1530	1540	1560	2040	2060	2560	2580	25120
Power of Laser	4000W	6000W	8000W	10000W	12000W	15000W		
Repositioning accuracy	0.02mm							
Max. Cutting Speed	Depending on the material and its thickness							
Power consumption of complete machine	≤30KW	≤40KW	≤50KW	≤80KW	≤100KW	≤130KW		
Power supply	380V / 50Hz							
Footprint	16500*5500mm for cutting 2000*6000mm							

D-GIANT

Big Size Ground-rail Fiber Laser Cutting Machine



- 1 Adopting ground-rail high-precision machine tool.
- 2 Ensuring cutting precision by using separate handling and loading.
- 3 Customized process size with different length per requirement.
- 4 Applicable in cutting extra long and big sheet metal.
- 5 Good air exhaust effect by segmented exhaust.
- 6 Can upgrade to match mechanical arm, bending and welding equipment, etc.

Samples:



Technical Parameters

Model	D-Giant								
Laser source	Fiber laser source (optional)								
Format (Customizable)	Width: 3m, 3.5m, 4m, 4.5m, 5m				Length: 12m, 16m, 18m, 24m, 32m, 36m (Customizable)				
Power of laser	4000W	6000W	8000W	10000W	12000W	15000W	20000W	30000W	40000W
Repositioning accuracy	0.05mm/10m								
Max. Cutting Speed	Depending on the material and its thickness								
Power consumption of complete machine	≤40KW	≤50KW	≤80KW	≤100KW	≤130KW	≤150KW	≤180KW	≤280KW	
Power supply	380V/50Hz								