High-Power Fiber Laser Cutting Machine



Self-developed core patented optical cutting head.

High precision constant temperature and humidity control system.

3 European workmanship standard machine table and independent dust extraction channel design.

Technical Parameters						
Product			D-	Soar		
Laser Source	Fiber Laser Source (Optional)					
Format (Customizable) (m)	1530) 20	40 2	.060	2560	2580
Laser Power	3000W	6000W	12000W	15000W	20000W	30000W
X/Y-Axis Repeated Positioning Accurac	У		0.0)2mm		
Max. Power Consumption	≤30KW	≪40KW	≤80KW	<90KW	′ ≤110KW	/ ≤140KW
Max. Feed Rate	Depe	ending o	n the mat	erial and	its thickne	?SS

Note: The picture is for reference only, please refer to the actual product.

DNE LASER

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DNE LASER

DNE products are widely applied in various industries, including electric power, auto manufacturing, mechanical equipment, electrical equipment, advertising signs, auto decoration, sheet metal fabrication, precision parts, hardware products, aerospace, shipbuilding and more.

innovative products that boost productivity. Through high-quality products and excellent after-sales service,



Professional Laser Solution Provider

Founded in 2008, DNE LASER is now a leading global provider of customized intelligent manufacturing solutions, including laser cutting machines, tube cutting machines, CNC bending machines, automation and service.

Powerful and Professional R&D

DNE LASER has gathered professional talents in laser technology from home and abroad. Through its outstanding technology and team collaboration, DNE has been awarded "Outstanding Local Service Provider&Most Corporate Social Responsibility Award" Enterprise and national high-tech enterprise for consecutive years.

Wide-Range Applications

Considerate Service for Customers

DNE firmly believes in the principle of "Quality is Social Responsibility" and keeps pursuing high-efficiency and its products and service reach nearly a hundred countries and regions worldwide.



D-Tube Series

Fiber Laser Tube Cutting Machine



1 Available for cutting extra long and big sheet metal.

D-Giant

Big Size Ground-Rail Fiber Laser Cutting Machine

- 2 Customizable processing sizes with different lengths as per requirements.
- 3 Capable of upgrading to match mechanical arm, bending and welding equipment, etc.

Technical Parameters	
Product	D-Giant
Laser Source	Fiber Laser Source (Optional)
Format (Customizable) (m)	Width:3/3.5/4/4.5/5 Length:12/16/18/24/32/36/38/40
Laser Power	12000W 15000W 20000W 30000W
X/Y-Axis Repeated Positioning Acc	uracy 0.05mm/10m
Max. Power Consumption	≤80KW ≤90KW ≤110KW ≤140KW
Bevel Cutting	Optional

Note: The picture is for reference only, please refer to the actual product.



- 1 High cutting quality, precision, speed and efficiency.
- 2 Automatic blanking and automatic tail material processing.
- 3 Suitable for pipes of various shapes made of carbon steel, stainless steel, and aluminum.

Technical Parameters						
Model	D-Tube					
Model	160	240	280	360		
Round Tube(mm)	ф10-ф160	ф15-ф230	ф15-ф270	ф20-ф		
Square Tube(mm)	□10*10-□110*110	□15*15-□230*230	□15*15-□270*270	□20*20-□3		
Max. Loading Capacity of Single Tube	≤150kg	≤240kg	≤300kg	≤500		
Optional Number of Chucks	2/3	2/3	2/3	2/3		
Maximum Loading Length (m)	6	6/9	6/9	6/9		
Maximum Unloading Length(m)	2	2/4	2/4/6	2/4/		
X/Y-Axis Repeated Positioning Accuracy		±0.03	3mm/1000mm			

Note: The picture is for reference only, please refer to the actual product.

C-Bend

CNC Bending Machine



- 1 C-frame design increases the processing range and ensures long-term stability.
- High-frequency closed-loop hydraulic control technology for faster, more efficient, and precisely stable operations.
- CNC control of mechanical deflection compensation technology to ensure the consistency of bending processing.

Technical Parameters				
Model	C-Bend 50	C-Bend 80	C-Bend 100	C-Bend 160
Tonnage	500 kN	800kN	1000kN	1600kN
Bending Length	1050 mm	2100mm	3100mm	3100mm
Open Height	500 mm	500 mm	500 mm	600 mm
Standard Stroke	200 mm	200 mm	200 mm	250 mm
Y-approach Speed (up to)	150 mm/s	150 mm/s	150 mm/s	150 mm/s
Y-working Speed (up to)	10 mm/s	10 mm/s	10 mm/s	10 mm/s

Note: The picture is for reference only, please refer to the actual product.

BD-HW

Handheld Fiber Laser Welding Machine



- 1 Adjustable spot size, 0-5mm.
- 2 Unique rotating protective lens design, 6 times working life.
- 3 Equipped with a mobile gun head placement rack, safe and convenient.

l Parameters		
wer(W)	1500/2000/3000	
ngth(M)	10 meter(Optional Length)	
velength(nm)	1070	
	Dual temperature and dual control	
Temperature	-15°~40°	
Power	Continuously adjustable	
Voltage(V)	220	
Speed(mm/s)	0-120	
)	800*750*1230	
g)	260	

Note: The picture is for reference only, please refer to the actual product.