



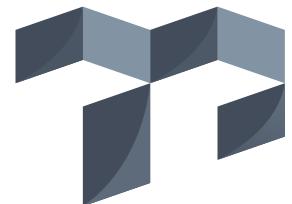
BEST CHOICE FOR NEARLY 10000 USERS WORLDWIDE



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KFTECH

WORLD
MARKET

WWW.CNCMETALCUTTER.COM

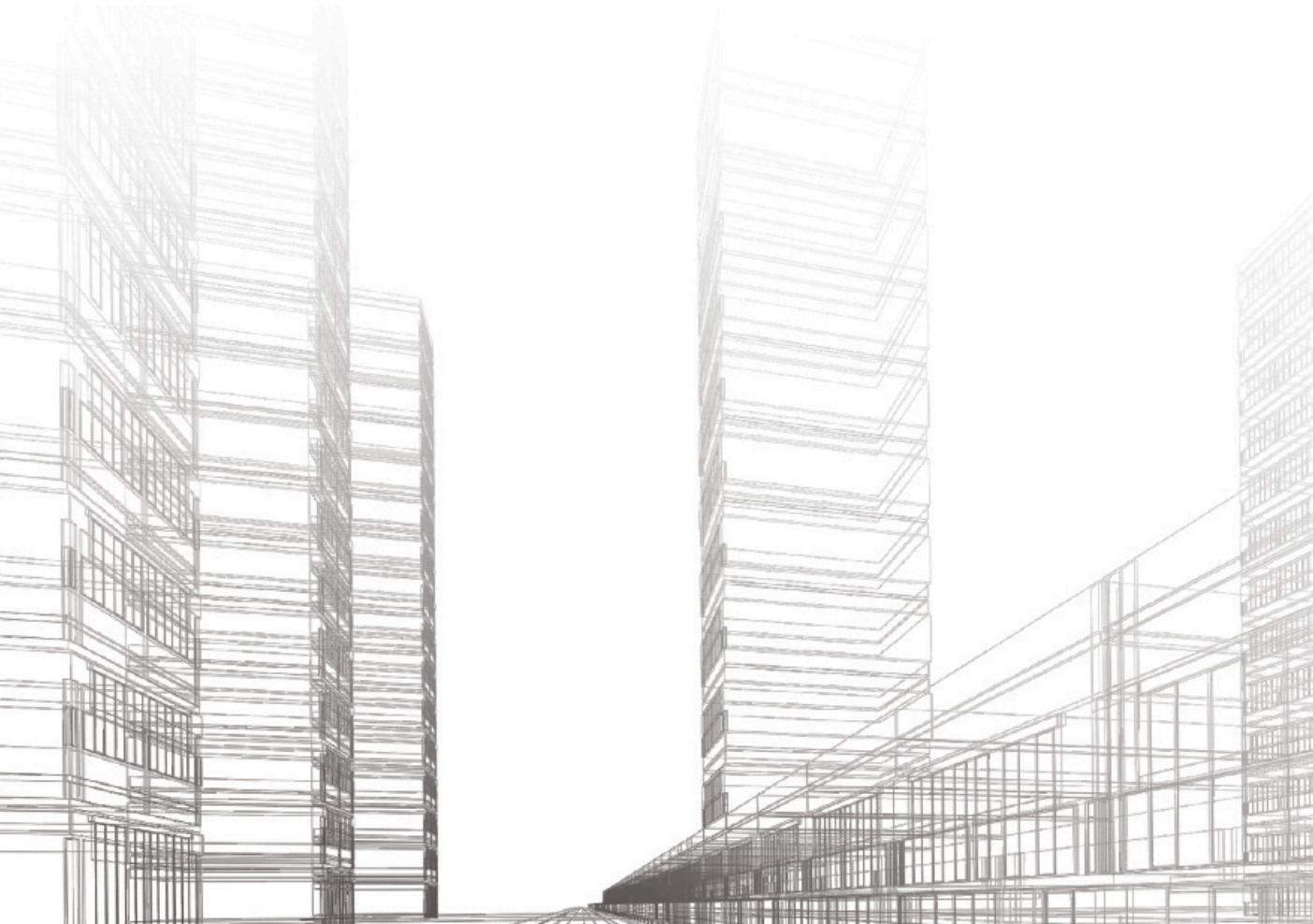
Since 2004 | Supplier Of Intelligent Solutions For Laser Equipment Worldwide

PRACTICE INTELLIGENT LASER
MANUFACTURING
BE DEVOTED TO CHINA CREATION

High Power Fiber Laser Cutting Machine
Automatic Tube Fiber Laser Cutting Machine
Rolled Coil-Fed Fiber Laser Cutting Machine
Professional Fiber Laser Welding Equipment

Company Profile

Knoppo Laser was built in 2004, is one of the world's leading manufacturers of high-tech industrial laser solutions, dedicated to providing laser intelligent equipment solutions and enabling our customers in various branches around the world to become more efficient and competitive. With more than 15,000 laser cutting systems in the market and a rapidly increasing global base, Knoppo Laser is in a favorable position to serve the international customer base, guaranteeing highest quality and shortest response times in already more than 100 countries. Our focus is on the innovation, continuous improvement and rapid development of technologies, all of which aim to increase efficiencies and flexibility, minimize costs while generating the highest levels of environmental friendliness and sustainability to our all benefit. We aim to provide key technologies and customized integration solutions for Industry 4.0 and smart factories, helping enterprises to make perfect use of the many opportunities arising in the digital age.



Modern Advanced One-stop Production Line / 2500+ Sets of Annual Production Capacity / 17 Years of Laser Equipment Manufacturing Experience / 100000m² Industrial Park Manufacturing Base

Culture:

Hard Struggle And Audacious Innovation!

Mission:

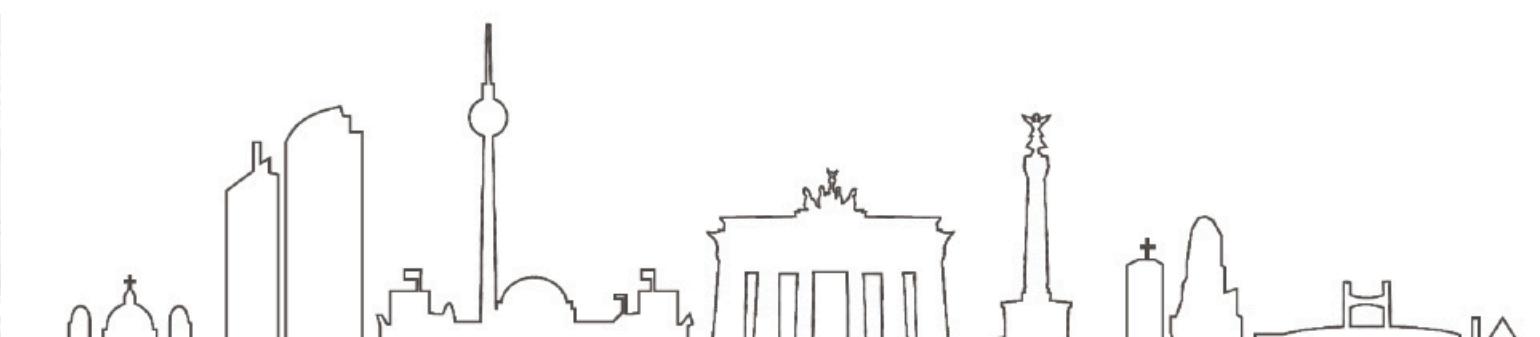
Practice Laser Intelligent Manufacturing ,Be Devoted to China Creation!

Vision:

To be the hot land of strivers and the stage of innovators!
To be the promotion emissary and application master of laser technology!
To be the high-quality partner of global laser industry chain!

Service Tenet:

All for customers, for all customers.



KF SERIES

SINGLE PLATFORM FIBER LASER CUTTING MACHINE



KF-T SERIES

OPEN SHEET&TUBE LASER CUTTING MACHINE



Tube Processing Range(Length x Diameter) 6000mm x ϕ 20–220mm
6000mm x \square 20–150mm

Feature/Model	KF3015	KF4015	KF4020	KF6015	KF6025	KF8025
Laser Power	1KW - 40KW					
Working Area (LxW)	3000x1500mm	4000x1500mm	4000x2000mm	6000x1500mm	6000x2500mm	8000x2500mm
Stroke (X/Y/Z Axis)	1520mm 3050mm 100mm	1520mm 4050mm 100mm	2020mm 4050mm 100mm	1520mm 6050mm 100mm	2520mm 6050mm 100mm	2520mm 8050mm 100mm
X/Y Axis Repositioning Accuracy	\pm 0.02mm	\pm 0.05mm				
Max. Moving Speed	100m/min	100m/min	100m/min	100m/min	100m/min	100m/min
Max. Acc. Speed	1.2G	1.2G	1.2G	1.2G	0.8G	0.8G
Overall Dimensions (LxWxH)	4600x2780 x2000mm	6000x2780 x2000mm	6000x3260 x2000mm	8300x2780 x2000mm	8300x3800 x2000mm	10200x3880 x2000mm
Machine Weight	\approx 2700kg	\approx 3500kg	\approx 4200kg	\approx 4910kg	\approx 6700kg	\approx 8700kg

Above parameters are for reference only.

Feature/Model	KF3015T	KF4020T	KF6020T
Laser Power	1KW- 6KW		
Working Area (LxW)	3000x1500mm	4000x2000mm	6000x2000mm
Stroke (X/Y/Z Axis)	2450mm 3050mm 200mm	2950mm 4050mm 300mm	3050mm 6050mm 300mm
X/Y Axis Repositioning Accuracy	\pm 0.02mm	\pm 0.02mm	\pm 0.02mm
Max. Moving Speed	100m/min	100m/min	100m/min
Max. Acc. Speed	1.0G	1.0G	0.8G
Overall Dimensions (LxWxH)	9850x4000 x2300 mm	12330x4500 x2300 mm	16350x4900 x2700 mm
Machine Weight	\approx 7000kg	\approx 9200kg	\approx 16000kg

Above parameters are for reference only.

KP1390 KP1610 SERIES

SMALL FIBER LASER
CUTTING MACHINE



Model	KP1390	KP1610
Working Area	1300*900mm	1600*1000mm
Laser Power	1.5KW 2KW 3KW 4KW 6KW	
X/Y-axis Positioning Accuracy	0.03mm	
X/Y-axis Repositioning Accuracy	0.02mm	
Max. Acceleration	1.5G	
Max. linkage speed	140m/min	
Weight	1800KG	2000KG
Dimension	1900×1800×1850MM	2000×1900×1850MM

Above parameters are for reference only.

KF3015P SERIES

SINGLE TABLE FIBER
LASER CUTTING MACHINE WITH PROTECTION COVER



Model	KF3015P
Working Area	3000*1500mm
Laser Power	1.5KW 2KW 3KW 4KW 6KW 12KW
X/Y-axis Positioning Accuracy	0.03mm
X/Y-axis Repositioning Accuracy	0.02mm
Max. Acceleration	1.5G
Max. linkage speed	140m/min
Weight	3200KG
Dimension	4700×2800×2050MM

Above parameters are for reference only.

KP SERIES

HIGH POWER LASER CUTTING MACHINE



KT 6

HEAVY DUTY TUBE LASER CUTTING MACHINE



Feature/Model	KP3015	KP4015	KP4020	KP6015	KP6025	KP8025
Laser Power	1KW - 40KW					
Working Area (L×W)	3000×1500mm	4000×1500mm	4000×2000mm	6000×1500mm	6000×2500mm	8000×2500mm
Stroke (X/Y/Z Axis)	1520mm 3050mm 100mm	1520mm 4050mm 100mm	2020mm 4050mm 100mm	1520mm 6050mm 100mm	2520mm 6050mm 100mm	2520mm 8050mm 100mm
X/Y Axis Repositioning Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.05mm
Max. Moving Speed	100m/min	100m/min	100m/min	100m/min	100m/min	100m/min
Max. Acc. Speed	1.2G	1.2G	1.2G	1.2G	0.8G	0.8G
Overall Dimensions (L×W×H)	4600×2780×2000mm	6000×2780×2000mm	6000×3260×2000mm	8300×2780×2000mm	8300×3800×2000mm	10200×3880×2000mm
Machine Weight	≈2700kg	≈3500kg	≈4200kg	≈4910kg	≈6700kg	≈8700kg

Above parameters are for reference only.

Laser Power	Pipe Processing Range		Pipe Processing Length	Max Single Tube Loading Weight
1000W-6000W	20-350mm □20-250mm U-Steel 5#-32# I-Beam 10#-25# Angle Iron 30-100		6000mm	400KG
Max. Acc. Speed	Max. Acc. Speed	Max. Acc. Speed	Overall Dimensions (LxWxH) Without Feeding and Receiving Device	Machine Weight Without Feeding and Receiving Device
0.6G	80r/min	350mm	10250×2700×2700mm	≈5600kg

Above parameters are for reference only.

KT12 WITH 3 CHUCKS

ZERO TAILING 3 CHUCK OVERWEIGHT
TUBE LASER CUTTING MACHINE



Laser Power	Pipe Processing Range		Pipe Processing Length	Max Single Tube Loading Weight
3000W-12000W	φ50-φ500mm □50-350mm U-Steel 5#-40# I-Beam 10#-40# Angle Iron 250*250mm		12000mm	1500KG
Max. Acc. Speed	Max. Acc. Speed	Max. Acc. Speed	Overall Dimensions (LxWxH) Without Feeding and Receiving Device	Machine Weight Without Feeding and Receiving Device
0.4G	40r/min	0	30000×5000×3250mm	≈23210kg

Above parameters are for reference only.

KD-BR

DEBURRING MACHINE



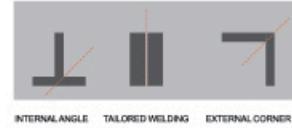
Maximum width of working area	450mm,800mm,1000mm,1300mm,1600mm
Thickness range	0.5-80mm
Size range	≥50×50mm
Feeding speed	0.5-6m/min
Roller speed	8-20r/s
Main motor	Huarun
electrics	Schneider
Main bearing	NSK
Magnetic valve	Airtac
Controller	Delta PLC

Above parameters are for reference only.



PROFESSIONAL HANDHELD FIBER LASER WELDING MACHINE

Integrated Design Save Space Simple Operation Welded at Any Angle



APPLICATION

Widely used in the kitchen and bathroom industry, home appliance industry, advertising industry, mold industry, stainless steel doors and windows industry, handicraft industry, homeware industry, furniture industry, auto parts industry, etc.

APPLICABLE MATERIALS

Mainly suitable for welding stainless steel, carbon steel, alloy steel, silicon steel, spring steel, aluminum, aluminum alloy, galvanized sheet, galvanized aluminum sheet, etc.

TECHNICAL PARAMETERS

KW-M SERIES			
Max. Laser Power	1500W	2000W	3000W
Laser Working Medium	Rare Earth Doped Fiber	Rare Earth Doped Fiber	Rare Earth Doped Fiber
Laser Wavelength	1070±10nm	1070±10nm	1070±10nm
Number Of Optical Fiber Output	1 Channel	1 Channel	1 Channel
Welding Depth	0.2~3MM	0.2~5MM	0.2~8MM
Overall Power	7KW	8KW	10KW
Power Input	220V	220V	380V
Cooling Mode	Water Cooling	Water Cooling	Water Cooling
Optical Fiber Interface Model	QBH	QBH	QBH
Fiber Length	10M	10M	10M
Fiber Diameter	50um/100um	50um/100um	50um/100um

Above parameters are for reference only.



HANDHELD LASER CLEANING MACHINE



KC-M SERIES			
Max. Laser Power	1500W	2000W	3000W
Laser Working Medium	Rare Earth Doped Fiber	Rare Earth Doped Fiber	Rare Earth Doped Fiber
Laser Wavelength	1070±10nm	1070±10nm	1070±10nm
Number Of Optical Fiber Output	1 Channel	1 Channel	1 Channel
Cleaning Width	300mm	300mm	300mm
Overall Power	7KW	8KW	10KW
Power Input	220V	220V	380V
Cooling Mode	Water Cooling	Water Cooling	Water Cooling
Optical Fiber Interface Model	QBH	QBH	QBH
Fiber Length	10M	10M	10M
Fiber Diameter	50um/100um	50um/100um	50um/100um

Above parameters are for reference only.



PULSED LASER CLEANING MACHINE

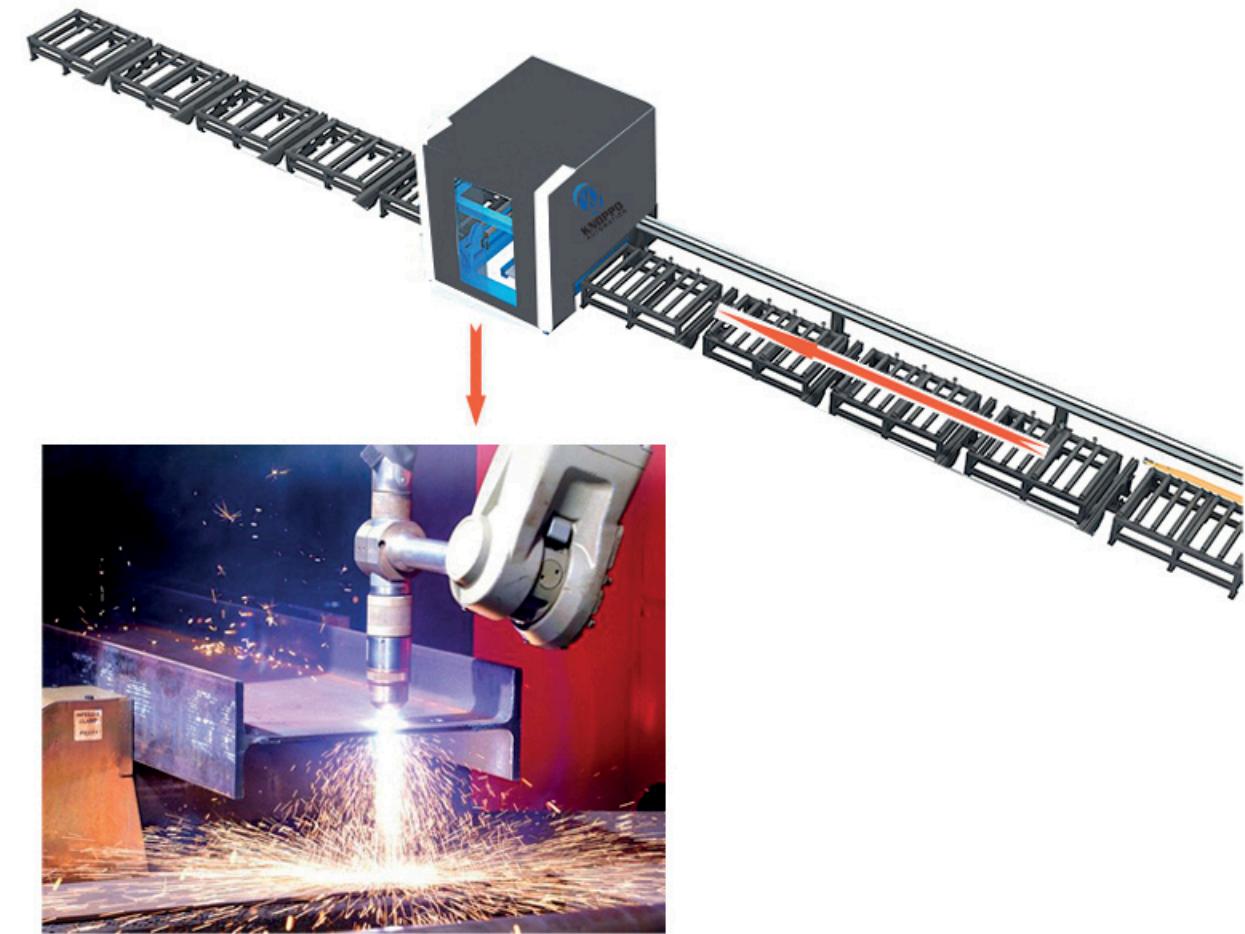


Model	KC-R
Cleaning Width	100mm
Laser Power	100W 200W 300W 500W 1000W
Working Pattern	7
Voltage	220V
Weight	35KG
Dimension	700×400×700MM

Above parameters are for reference only.

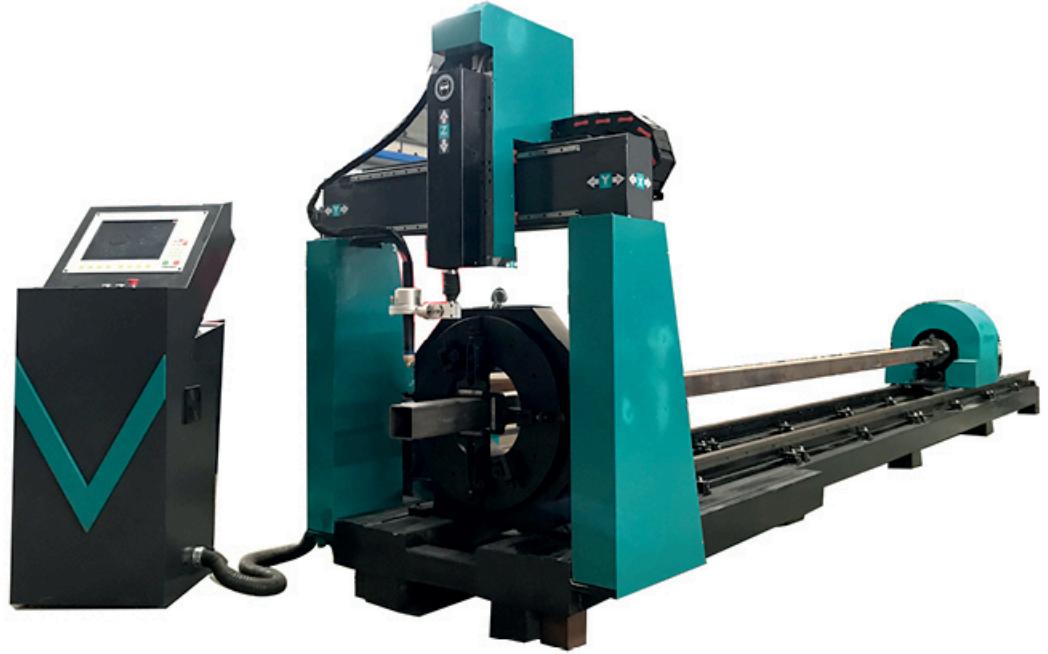


H BEAM PLASMA CUTTING MACHINE



Model	RT400
Max Cutting Length	6M 12M 15M
Max Cutting Width	800mm 1250mm 1500mm
Cutting Type	Plasma / Gas Cutting
Positioning Accuracy	0.02mm
Processing Precision	0.5mm
Weight	13200KG
Dimension	17700×2100×2050MM

Above parameters are for reference only.

 **T400****8 AXIS PLASMA PIPE CUTTING MACHINE** **T300****5 AXIS PLASMA PIPE CUTTING MACHINE**

Model	T400
Max Cutting Length	6m/9m/12 m
Min Cutting Length	0.5 m
Max Cutting Diameter	600mm
Min Cutting Diameter	30mm
Reposition precision	0.02mm
Processing precision	0.1mm
Maximum cutting speed	12000mm/min
Control system	KNOPPO
Electrical Supplier	380V 50HZ / 3 Phase

Above parameters are for reference only.

Model	T300
Max Cutting Length	6m/9m/12m
Min Cutting Length	0.4 m
Max Cutting Diameter	500mm
Min Cutting Diameter	30mm
Reposition precision	0.02mm
Processing precision	0.1mm
Maximum cutting speed	6000mm/min
Control system	KNOPPO
Electrical Supplier	380V 50HZ / 3 Phase

Above parameters are for reference only.



Suitable for thick and thin plate cutting



Cutting Head: Raytools, Germany Precitec, WSX, BLT

STABLE, EFFICIENT AND SAFE CUTTING

◆ Raytools ◆ Precitec(Germany) ◆ WSX

◆ BLT



Laser generator

RAYCUS:

One of the first listed company with laser as its main business in China.

IPG:

Imported from Germany. As the world leader in high power fiber lasers, IPG has stable performance.

MAX:

MAX laser is one of the first listed fiber laser manufacturers established in China. It is also one of the first listed national high-tech enterprises to realize independent intellectual property rights and vertical integration in two core technologies of fiber laser and optical devices.



RAYCUS



IPG



MAX

Control system

FSCUT Series Cutting Control System

Multi Functions:

Intelligent layout of cutting graphics.
Support multi type graphics documents.
Automatic optimization generation of cutting sequence.
Intelligent edge searching.

Smart Choice for 10000 + Users

As a fiber laser cutting control system with the highest market share in China, it has multiple features, such as stable, reliable, easy to deploy and debug, safe in production, multi functions and excellent in performance.

