

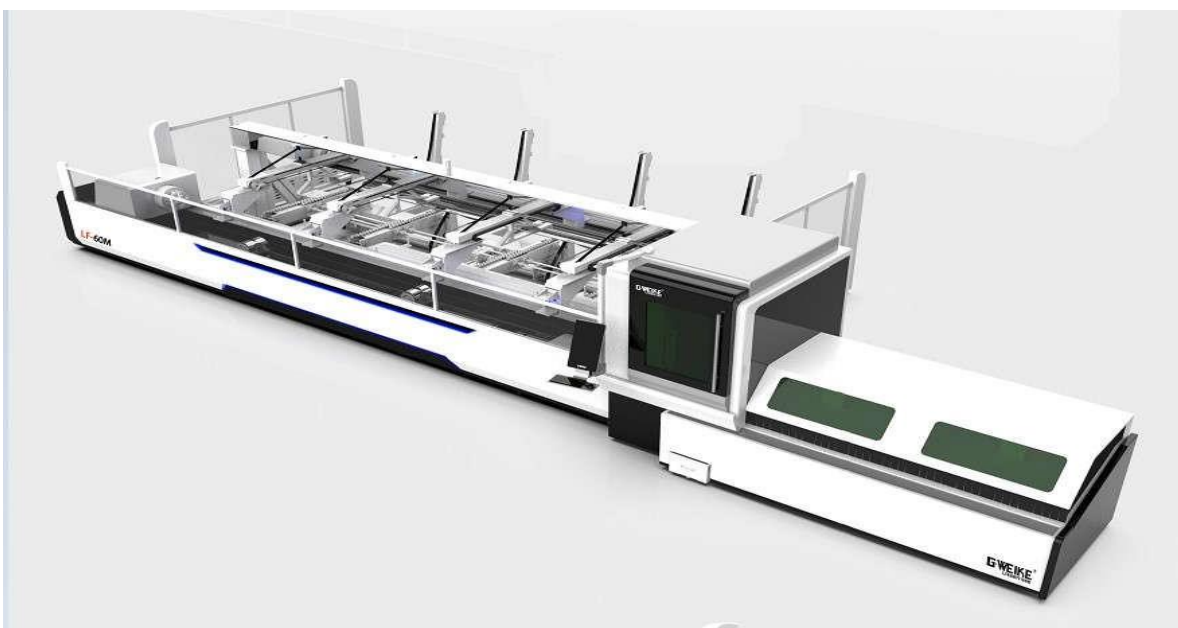
경제성/효율성/안정성

Fiber Laser - The Evolution

FINECUT 시리즈

새로운 디자인 파이프 전용 가공기

LF60M -New Design



제품 구성

모델명	LF60M
출력	1000~3000W
본체 구조	Iron beam
특수기능	WIFI Remote Control
커팅헤드	IPG / Raytools
기어 및 랙	Taiwan Apex
감속기	France MOTOREDUCER
서보모터	Japanese Yasakawa servo motor
전장	France Schneider
공압	Japan SMC
볼스크류	Taiwan TBI
가이드레일	Taiwan Hiwin / Taiwan PMI
운할계통	Handle
집진장치	YES
컨트롤시스템	CYPCUT (the best brand in China)
냉각방식	Water cooling (S& A water chiller)
정전압장치	30KWA
기타 : 주문자 요청 특별사양 가능	



사양서 2kwRaycus

소재	두께 (mm)	커팅개스	커팅 스피드 (m/min)	기타
SS 스틸	1	산소	10.0-20.0	
	2.0		4.0-6.0	
	3.0		2.5-3.5	
	4.0		1.6-3.2	
	6.0		1.6-1.9	
	8.0		1.0-1.2	
	10.0		0.7-0.9	
	12.0		0.5-0.7	
	14.0		0.4-0.6	
스테인레스	1.0	질소	8.0-15.0	
	2.0		7.0-9.0	
	3.0		2.0-3.0	
	5.0		0.5-0.8	
	6.0		0.4-0.5	



기계 구성

Main features of fiber laser cutting machine



Precitec / Raytools 커팅 헤드(auto focus)

From Swiss, quality inheritance, auto focus, positioning perforation speed, anti-collision design, high sensitivity.

Highly dustproof:

Dust-proof grade IP65, fully enclosed wrap light path, the possibility of lens contamination is almost zero.

Moving picture zero focus:

The scale can be flexibly adjusted to unify the zero focus position and no longer worry about adjusting the process parameters.

Efficient water cooling:

Focusing mirror, collimating mirror, and nozzle all have built-in cooling function to solve the problem of cutting heat



IPG / Raycus 레이저 소스

100,000 hours life time .

High Electro-optical Conversion

Efficiency Altitude Stress-resisting

Capacity

Sheet Cutting Efficiency

Customized Output Fiber

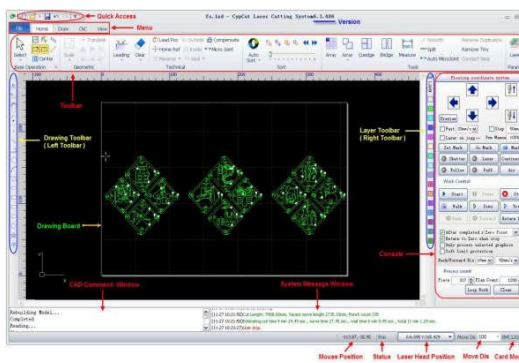
Length

Optional Air Cooling or Water

Cooling Maintenance-free

Operation

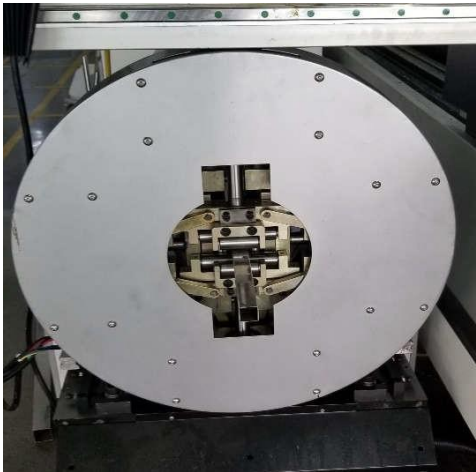
Wide Modulation Frequency Range



Cypcut 커팅 시스템

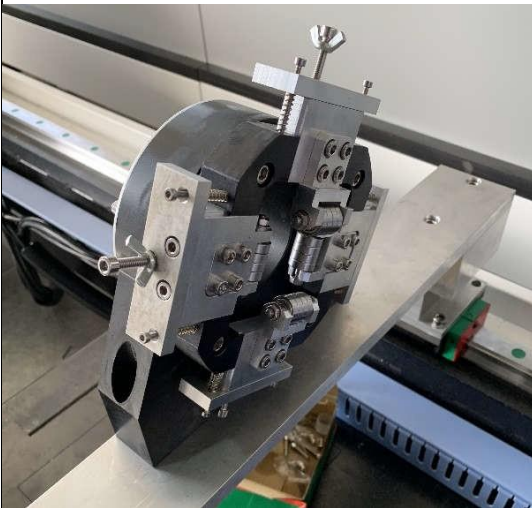
Automatic typesetting, which can recognize picture graphics, flying cut, correct error function, easy to operate

CypCut laser cutting control software is a set of software for flat laser cutting, including laser cutting processing, common layout function and laser processing control. include graphical processing, parameter settings, custom cutting process editing, nesting, path planning, simulation, and cutting process control.



유공압 전자동 척

The third generate chuck,from first generate manual chuck,second generate electric-chuck ,pneumatic chuck is faster cutting speed and more better on precision.



Special device

For smaller diameter tube cutting to 15mm



France Motoreducer

100000 hours life time
More steady and cost-efficient Free maintenance



Servo motors--Japan

YASKAWA

W1 axis: 1.8 kw X2

X axis: 0.85 kw

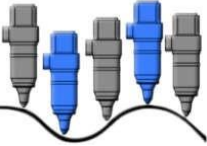
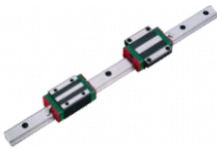
W2 axis:1.8kw

Z axis: A 0.75 kw



Plate-Tube welding Working Table

1. High precision CNC fixed working table;
2. Special designed small pneumatic wheel carriers ,the metal sheet to be cut may slide along the machine body for easy loading;
3. Strip working table; Steel material,put cutting sheet on it.

	Taiwan YYC Rack high precision,long life,Can provide rigorous support for quenching helical gears and grinding helical gears, so that the load drive structure is compact, can effectively reduce the driving torque.		Security/stability HP computer licensed software.
	Electron Components-French SCHNEIDER 1. Circuit protection against short-circuit currents, Breaking and industrial disconnection as per standards IEC/EN 60947-2 2. Over voltage resistance, High performance limitation fast closing independent of the speed of actuate of the toggle		Pneumatic Components-Japan SMC 1. Stepless control of air pressure proportional to an lectrical signal 2. Serial communications specifications 3. Compact/lightweight(Int egrate d communication
	Water Colling System S&A water chiller		Auto Exhaust System 1.Remove the smoke and dust caused by metal cutting 2.The exhaust frequency could be set by computer
	Taiwan TBI ball screw Zero Clearance / High Rigidity High Speed / Smooth Running Performance Noise Reduction Spline Alternative		Bearing-Japan NSK 1. Square Flange which can be easily attached to a machine with four bolts. 2.With simple mounting face,be widely used
	Auto/higher Raise system adjust the focal length automatically according to the height of the plate.		35mm Taiwan Hiwin Linear Guide Rail Adopted Taiwan Hiwin linear guide rail, high positioning accuracy, scroll guide, reduce wear to maintain accuracy for a longer time.

Company introduction

1. 2-3 years warranty

--We are the enterprise providing real 2-3 years warranty in China.

2. Unique Technology—aviation aluminum beam

--The unique laser company in the world to week out steel gantry and aluminum gantry upgrade to aviation aluminum gantry to keep higher cutting precision and speed

3. World Brand

- Our laser machine have cover 150 countries and the USA market share is more than 40%.We do OEM for USA company over 12 years such as BOSS LASER,FSL LASER,etc..

4. Honor

- We gain patents and certifications(FDA,CE,ISO9001,BV,SGS,UV,etc)

5. Rich Experience and Powerful

