

# EcoFlex“F”Series

## F12/F16/F20/F35/ F16A/F20A/F20A-3D

Start off fiber laser tube cutting machine

### Low investment, high return

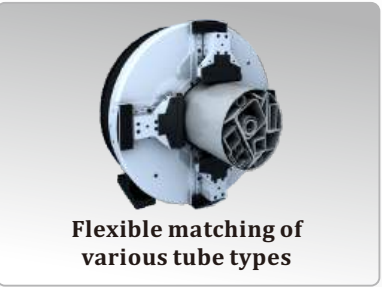
- ☑ large plate welding bed is stable and durable for more than ten years
- ☑ 1 machine > 3 sawing machines + 2 punching machines
- ☑ It's the best entry- level industry processing tool

### Technical Parameters

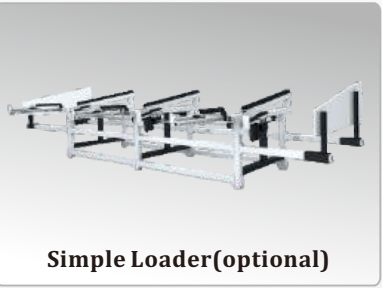
Tube diameter range:  
round: Ø10-120mm(F12)/Ø10-160mm(F16/F16A)  
          Ø10-220mm(F20/F20A/F20A-3D)/Ø50-350mm(F35)  
square: 10\*10-120\*120mm(F12)  
          10\*10-110\*110mm(F16/F16A)  
          10\*10-150\*150mm(F20/F20A/F20A-3D)  
          50\*50-240\*240mm(F35)  
Laser power: 1500W~6000W  
Maximum rotational speed: 130r/min  
Positioning accuracy: 0.05mm  
Repeat positioning accuracy: 0.03mm  
Maximum positioning speed: 80m/min  
Maximum acceleration: 1.0g



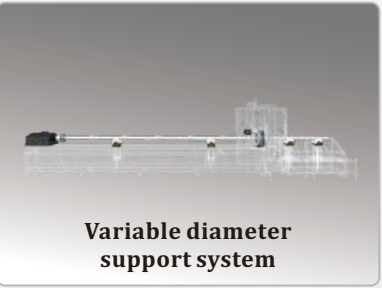
### Main Features



Flexible matching of various tube types



Simple Loader(optional)



Variable diameter support system



User-friendly console

### COMPANY PROFILE

Wuhan Golden Laser Co., Ltd. was established in 2005 and listed on the Shenzhen Stock Market in 2011. It is a digital technology commercial application solution provider.

Golden Laser has made significant growth in the fields of metal sheet cutting, tube cutting, and laser welding. The sheet cutting series include fully enclosed exchange table series, sheet and tube Combo series, open table cutting series, and precision small-format cutting series. The tube series include automatic tube cutting series and semi-automatic tube cutting series.

Golden Laser has a high impact globally, with its products exported to more than 120 countries and regions across five continents.The company has signed agencycooperation agreements with more than 50 countries and regions,including the UnitedStates, Germany the United Kingdom, France, South Korea, India, Australia, South Africa,Taiwan,Hungary, Mexico,Colombia, Russia,Spain,and more.

Now, Golden Laser is becoming the vanguard of subverting traditional crafts with the strength of icebreaker. Golden Laser, always on the way!



### WUHAN GOLDEN LASER CO., LTD

- 📍 Golden Laser Industrial Park, Tianxing Rd, Hengdian Street, Chuan long Avenue, Huangpi District, Wuhan, Hubei, China 430300
- ☎ +86-27-61750109
- 🌐 www.goldenfiberlaser.com
- ✉ info@goldenfiberlaser.com

## FIBER LASER TUBE CUTTING MACHINES

Metal Fabrication Laser Solution Provider  
Laser Tube | Sheet Metal | Automation | Laser Robot





Intelligent “i” Series

i25-3D/i25A-3D

High-end CNC fiber laser tube cutting machine

Experience the unlimited possibilities of laser tube cutting



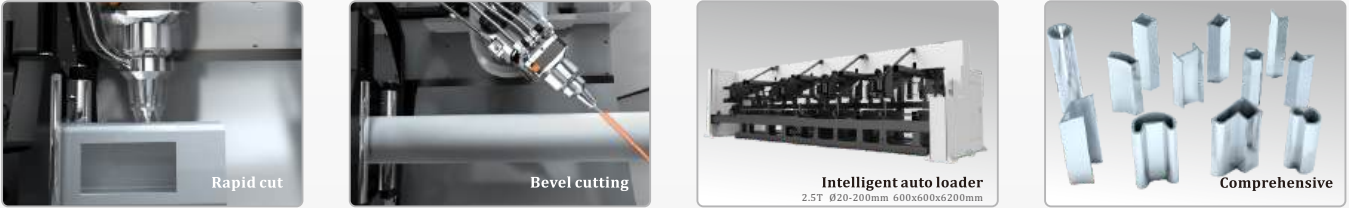
Reduce product costs with the advantages of laser processing

The laser's high-precision and high-speed cutting, combined with the oblique cutting of the swing head, provides unlimited possibilities for product processing. The processing accuracy is extremely high, no subsequent processing is required, and the efficiency and quality are greatly improved.

Technical Parameters

Tube diameter range	round: Ø20-250mm square: 20*20-172*172mm	Laser head: 3D-5axis head
Maximum weight per single tube	225kg(Ø200mm*8mm*6000mm)	Maximum rotational speed: 130r/min
Laser power	1500W~6000W	Maximum positioning speed: 120m/min
Bevel angle	max±45°	Maximum acceleration: 1.2g

Main Features



i25/i35/i25A

Tube diameter range	round: Ø20-250mm( i25)/Ø50-350mm( i35) square: 20*20-172*172mm( i25) 50*50-240*240mm( i35)
Maximum weight per single tube	225kg(Ø200mm*8mm*6000mm)( i25)
Laser power	1500W~6000W
Maximum rotational speed	130r/min
Maximum positioning speed	120m/min
Maximum acceleration	1.2g



Technical Parameters

Tube diameter range	Tail length: 0
round: Ø50-350mm/Ø50-450mm	Load weight: MAX4.5T
square: 50*50-240*240mm/50*50-310*310mm	Maximum rotational speed: 75r/min
Length of feeding: 12000mm/9000mm	Maximum positioning speed: 60m/min
Cutting length: 12000mm/9000mm	Positioning accuracy: 0.1mm/10m
Maximum weight per single tube : 1200kg(Ø350mm*10mm*12000mm)	Maximum acceleration: 0.8g
Laser power: 3000W~12000W	

Mega3/Mega3-3D

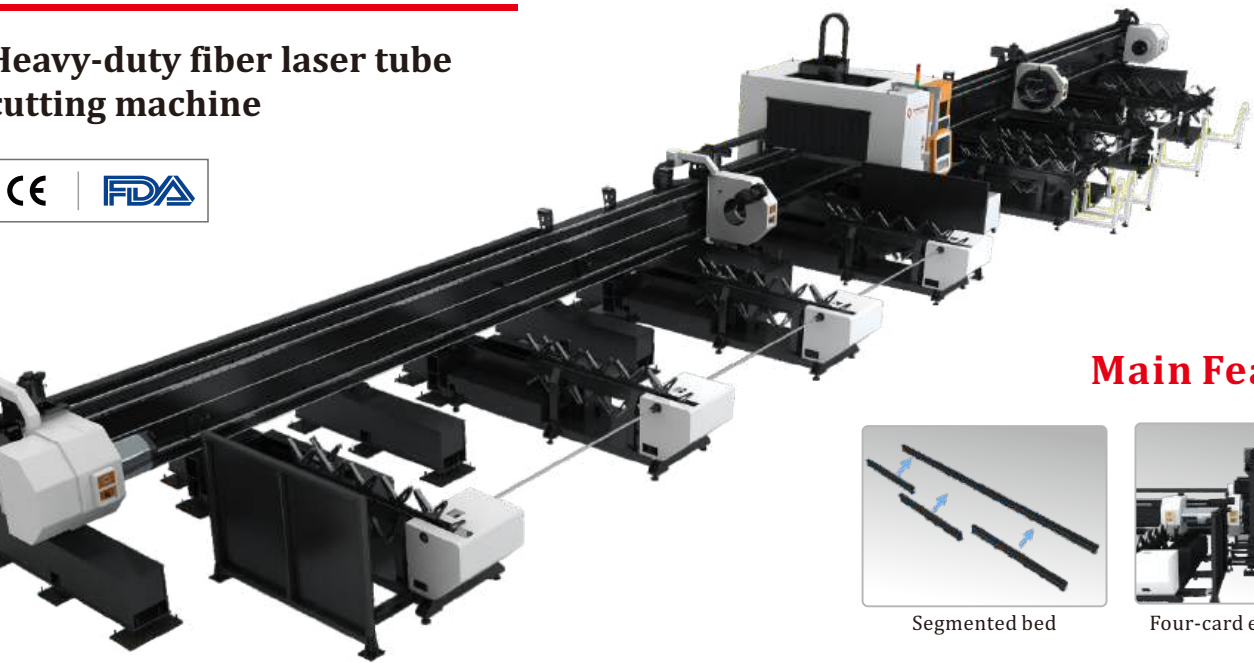


Tube diameter range	round: Ø50-350mm/Ø50-450mm/Ø50-550mm square: 50*50-240*240mm/50*50-310*310mm/ 50*50-380*380mm
Length of feeding	12000mm/9000mm/6000mm
Cutting length	12000mm/9000mm/6000mm
Maximum weight per single tube	1200kg(Ø350mm*10mm*12000mm)
Laser power	3000W~12000W
Maximum positioning speed	60m/min
Positioning accuracy	0.1mm/10m

Mega Series

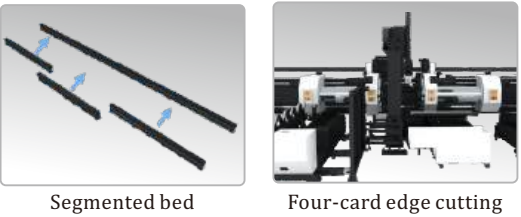
Mega4/Mega4-3D

Heavy-duty fiber laser tube cutting machine



- ✓ Equipped with chain drive for loading and unloading
- ✓ Specially designed for the processing characteristics of heavy pipes
- ✓ The length of the processed pipe is up to 12m, 1200kg load

Main Features



Smart“S”Series

S12plus/S16plus

Tiny tube fiber laser cutting machine



Small size solves big problems

- ✓ Perfectly addresses processing of pipes with a diameter of up to 120mm/160mm.
- ✓ Innovative automatic feeding and sorting system for small pipes.
- ✓ Speed – always a step ahead.
- ✓ Precision – always surpassing expectations.

Technical Parameters

Tube diameter range	Maximum positioning speed: X axis 150m/min Y axis 120m/min
round: Ø20-120mm(S12plus)/Ø20-160mm(S16plus)	Maximum rotational speed: 150r/min
square: 20*20-80*80mm(S12plus)	Positioning accuracy: 0.05mm
20*20-110*110mm(S16plus)	Repeat positioning accuracy: 0.03mm
Loading size: 800mm*800mm*6200mm	Maximum acceleration: 1.5g
Laser power: 1500W~4000W	

Main Features

