

Fiber Laser Cutting Solutions

JQLASER



Sri Sai
Sheet Metal
Machines India

**SHARDA
ENGINEERS**

JQ LASER
金奇

We break the inherent thinking, tear off the traditional label to follow the trends, redefine the new standard of "Intelligent Creation."

Core Values

Quality is the foundation, Customers are always the priority
Win-Win Cooperation and Continuous Innovation

Jin Qiang's Vision

Create a World Class Laser Enterprise, cultivate a professional partnership company, and devoted to all Mankind

JinQjiang's Mission

Laser Changes The World

Contents

02-03 About Us

01 Introduction of JQ laser

03 JQ's Honours

04-50 Main Products

04 Main configuration

06 ET Series

07 FLT-12035ET

09 FLT-9035ETN

11 FLT-8045ET

13 FLT-6035ETN

15 H Series

15 H1

17 H2

19 H3

21 M series

21 M3

23 M2

25 M1

27 MZ

29 MN

31 L series

31 FLT-6016L/FLT-6016LN

33 F Series

33 FLT-6022FN

35 E Series

35 FLT-6035E

37 Side hanging structure

37 T1

39 Ultra-High Power Series

39 JQ-25120HP

41 JQ-2580HP

43 JQ-2560HP

44 Exchange Platform Series

44 JQ-1530CP

45 JQ-1530AP

46 Single Platform Series

46 JQ-1530E

47 JQ-1530C

48 Fiber Laser Welding Machine

48 JQ-1000A/JQ1000HWM

49 JQ-1000HC

50 Intelligent production line

50 Intelligent production lines for tube processing

52-53 APPLICATION

53 Industry Applications

Jinan Jinqiang Laser CNC Equipment Co., Ltd. was established in 2006. It is a high-tech industry focusing on laser application and sheet metal automation complete equipment research and development, production and sales.

The company's products are divided into five series: tube laser cutting machine, sheet laser cutting machine, laser engraving, laser marking, and laser welding.

JQ Laser currently has more than 200 employees, technology research and development and after-sales service account for more than 50%; we have a professional quick response customer service team, providing 24-hour online and offline technical services in 12 languages. Now JQ Laser exports to more than 100 countries and regions around the world relies on reliable product quality, reasonable price and perfect after-sales service system.

"With my sincerity, you can rest assured" JQ has been on the road for research and development and innovation. In order to meet market demand, the launch of the three-chuck laser pipe cutting machine can achieve "zero falling" for pipe cutting. Its high-precision and high-efficiency automation technology is industrial intelligence.

JQ Laser adheres to the business philosophy of "creating a century-old laser enterprise and cultivating a professional partnership company", constantly improving product quality, and becoming an enterprise loved by employees, trusted by customers, respected by the industry, and recognized by the society!

54-57 SERVICE

55 A glimpse of what's ahead

57 JQ Services

2006

Established in

60+

National Marketing
Service Centre

50%

Technical Services
More than 50% of personnel



HONOR >>



Main Components >>



• **IPG**
 The laser comes with various beam delivery and processing head options providing the ultimate flexibility in optimizing one laser for many different applications



• **Precitec**
 German original brand fiber cutting head, unique optical configuration, and air path design can adapt to the cutting processing of different thickness plates and pipes, good sealing and specific design, very suitable for pipe processing needs



• **PA+ALMA**
 The standard Alma nesting software can be used by importing the processed drawings, which simplifies the processing flow and improves work efficiency. Good compatibility, higher matching with automatic loading and unloading system, and more flexible control

• **Precise Pneumatic front and rear chucks**



• **Strong Machine Base, Automatic loader and unloader**



**ET
SERIES** >>

FLT-12035ET
Three Chucks
Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	FLT-12035ET
Maximum Cutting Length	≤12000mm (472.44')
Maximum Weight for each tube	500kg (1102lb)
Cutting diameter	15~350mm (0.59"-13.78")
Rotary speed	80rpm
X.Y.Z axis position accuracy	±0.05mm/m
Minimum Tailing	0mm
Maximum Running Speed	60m/min (197'/min)
Power Supply	380V/50Hz

Application industry



ET SERIES >>

FLT-9035ETN

Automatic Three Chucks
Fiber Laser Tube Cutting Machine

■ Automatic Loading 9 meters

■ Automatic Unloading 9 meters



■ Technical parameters

Machine model	FLT-9035ETN
Maximum Cutting Length	≤9000mm (354.3')
Maximum Weight for each tube	250kg (551lb)
Cutting diameter	15~350mm(0.59'~13.78')
Rotary speed	80rpm
X.Y.Z axis position accuracy	±0.05mm/m
Minimum Tailing	0mm
Maximum Running Speed	60m/min (197'/min)
Power Supply	380V/50Hz

■ Application industry



ET SERIES >>

FLT-8045ET

Automatic Three Chucks
Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	FLT-8045ET
Maximum Cutting Length	≤8000mm (315')
Maximum Weight for each tube	700kg (1543lb)
Cutting diameter	20-450mm (0.79-17.72")
Rotary speed	80rpm
X, Y, Z axis position accuracy	±0.05mm/min
Minimum Tailing	0mm
Maximum Running Speed	60m/min
Power Supply	380v/50Hz

Application industry



**ET
SERIES** >>

FLT-6035ETN

Three-chucks
Laser Tube Cutting Machine



Technical parameters

Machine model	FLT-6035ETN
Max cutting length	≤6000mm(236.22')
Max wight for each tube	250kg(551lb)
Cutting diameter	15~230mm(0.59"-9.05")
Rotary speed	120rpm
X.Y.Z axis position accuracy	±0.05mm/m
Min tailings	0mm
Maximum Running Speed	75m/min(246' /min)
Power Supply	380V/50Hz

Samples



H SERIES >>

H1 Three-Chucks Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	H1
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	250kg (551lb)
Cutting diameter	15~160mm (0.59"-6.3")
Rotary speed	100rpm
X,Y,Z axis position accuracy	±0.05mm/m
Minimum Tailing	0mm
Maximum Running Speed	75m/min (246'/min)
Power Supply	380V/50Hz

Samples



H SERIES >>

H2 Semi Automatic Three-Chucks Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	H2
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	250kg(551lb)
Cutting diameter	15~160mm(0.59"-6.3")
Rotary speed	100rpm
X,Y,Z axis position accuracy	±0.05mm/m
Minimum Tailing	0mm
Maximum Running Speed	75m/min(246' /min)
Power Supply	380V/50Hz

Samples



H SERIES >>

H3 Automatic Three-Chucks Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	H3
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	250kg(551lb)
Cutting diameter	15~160mm(0.59"-6.3")
Rotary speed	100rpm
X,Y,Z axis position accuracy	±0.05mm/m
Minimum Tailing	0mm
Maximum Running Speed	75m/min(246' /min)
Power Supply	380V/50Hz

Samples



M SERIES >>

M3 Fully Automatic Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	M3
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	250kg(551lb)
Cutting diameter	15~230mm(0.59"-9.05")
Rotary speed	150rpm
X,Y,Z axis position accuracy	±0.05mm/m
Minimum Tailing	100mm(3.94')
Maximum Running Speed	100m'/min/328'/min
Power Supply	380V/50Hz

Samples



M SERIES >>

M2 Semi Automatic Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	M2
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	250kg(551lb)
Cutting diameter	15~230mm(0.59"-9.05")
Rotary speed	150rpm
X.Y.Z axis position accuracy	±0.05mm/m
Minimum Tailing	100mm(3.94')
Maximum Running Speed	100m'/min(328'/min)
Power Supply	380V/50Hz

Samples



M SERIES >>

M1 Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	M1
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	250kg(551lb)
Cutting diameter	15~230mm(0.59"-9.05")
Rotary speed	150rpm
X.Y.Z axis position accuracy	±0.05mm/m
Minimum Tailing	100mm(3.94')
Maximum Running Speed	100m'/min(328'/min)
Power Supply	380V/50Hz

Samples



MZ SERIES >>

MZ High Speed Fiber Laser Tube-Cutting Machine



Technical parameters

Machine model	MZ
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	120kg(265lb)
Cutting diameter	15~120mm(0.59"-4.72')
Rotary speed	180rpm
X,Y,Z axis position accuracy	±0.05mm/m
Minimum Tailing	100mm(3.94')
Maximum Running Speed	100m'/min(328'/min)
Power Supply	380V/50Hz

Samples



MN SERIES



MN

Automatic High Speed
Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	MN
Maximum Cutting Length	≤8000mm(236.22')
Maximum Weight for each tube	120kg(265lb)
Cutting diameter	15~120mm(0.59"-4.72')
Rotary speed	180rpm
X.Y.Z axis position accuracy	±0.05mm/m
Minimum Tailing	100mm(3.94')
Maximum Running Speed	100m/min/328'(min)
Power Supply	380V/50Hz

Samples



L SERIES >>

FLT-6016L/FLT-6016LN

Fiber Laser Tube Cutting Machine



FLT-6016LN



Technical parameters

Machine model	FLT-6016L/FLT-6016LN
Maximum Cutting Length	≤6000mm(236.22")
Maximum Weight for each tube	150kg(331lb)
Cutting diameter	15-180mm(0.59"-8.3")
Rotary speed	100rpm
X,Y,Z axis position accuracy	±0.05mm/m
Minimum Tailing	≥90mm(3.54")
Maximum Running Speed	60m/min(197'/min)
Power Supply	380V/50Hz

Samples



F SERIES



FLT-6022FN

Heavy Duty Automatic
Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	FLT-6022FN
Maximum Cutting Length	≤6000mm(236.22")
Maximum Weight for each tube	200Kg(441lb)
Cutting diameter	15-220mm(0.59"-8.66")
Rotary speed	120rpm
X,Y,Z axis position accuracy	±0.05mm/m
Minimum Tailing	300mm(11.81")
Maximum Running Speed	80m/min(262'/min)
Power Supply	380V/50Hz

Samples



E SERIES



FLT-6035E

Fiber Laser Tube Cutting Machine



Technical parameters

Machine model	FLT-6035E
Maximum Cutting Length	≤6000mm (236")
Maximum Weight for each tube	500kg (1102lb)
Cutting diameter	15-350mm (0.59-13.78")
Rotary speed	80rpm
X,Y,Z axis position accuracy	±0.05mm/min
Minimum Tailing	300mm (3.54")
Maximum Running Speed	80m/min
Power Supply	380v/50Hz

Samples



SIDE HANGING STRUCTURE



T1

Side hung two chuck tube cutting machine



Technical parameters

Machine model	T1
Maximum Cutting Length	≤7000mm (276")
Maximum Weight for each tube	120kg (265lb)
Cutting diameter	15-230mm (0.59-9")
Rotary speed	130rpm
X,Y,Z axis position accuracy	±0.05mm/min
Minimum Tailing	50mm
Maximum Running Speed	100m/min
Power Supply	380v/50Hz

Samples



**Ultra-high Power
Fiber Laser Metal >>
Plate Cutting Machine**

JQ-25120HP

Heavy Duty High Power
Fiber Plate Laser Cutting Machine



Technical parameters

Machine model	JQ-25120HP
Working area	12000mmx2500mm(472''x98.5'')
X-axis travel	2550mm(100.40'')
Y-axis travel	12050mm(474'')
Z-axis travel	300mm(11.81'')
X, Y axis positioning accuracy	±0.05mm/m
Acceleration	2.5G
Maximum Running Speed	140m/min(459 /min)
Maximum Table Loading Weight	7000kg(15432 lb)
Laser power	12000W-30000W
Power Supply	380v/50Hz

Samples



Ultra-high Power
Fiber Laser Metal >>
Plate Cutting Machine

JQ-2580HP

Exchange Platform Heavy Duty
Fiber Laser Plate Cutting Machine



Technical parameters

Machine model	JQ-2580HP
Working area	8050mmx2550mm(317'100.4')
X-axis travel	2550mm(100.4')
Y-axis travel	8050mm(317')
Z-axis travel	300mm(11.81')
X、Y axis positioning accuracy	±0.05mm/m
Acceleration	2.5G
Maximum Running Speed	150m/min(492' /min)
Maximum Table Loading Weight	4000kg(8818' lb)
Laser power	12000W-30000W
Power Supply	380v/50Hz

Samples



**Ultra-high Power
Fiber Laser Metal >>
Plate Cutting Machine**

JQ-2560HP

Exchange Platform Heavy Duty
Fiber Laser Plate Cutting Machine



Technical parameters

Samples

Machine model	JQ-2560HP
Working area	6000mmx2500mm(236'x98')
X-axis travel	2550mm(100.4')
Y-axis travel	6050mm(238')
Z-axis travel	300mm(11.81')
X, Y axis positioning accuracy	±0.05mm/mm
Acceleration	2.0G
Maximum Running Speed	120m/min(394' /min)
Maximum Table Loading Weight	3000kg(6613 lb)
Laser power	8000W-20000W
Power Supply	380v/50Hz



**Exchange Platform
Fiber Laser Cutting
Machine**

JQ-1530CP

Exchange Platform Combined
Fiber Laser Cutting Machine



Technical parameters

Machine model	JQ-1530CP
Working area	3000mmx1500mm(118'59")
Tube cutting specifications	Φ20-φ220, L=6000(Φ0.78-8.66", L=236")
X-axis travel	2500mm(98.4')
Y-axis travel	3050mm(120')
Z-axis travel	300mm(11.81')
X-Y axis positioning accuracy	±0.05mm(0.0019')
Acceleration	1G
Maximum Running Speed	100m/min(328'/min)
Maximum Table Loading Weight	900kg(1984 lb)
Power Supply	380v/50Hz

JQ-1530AP

Exchange Platform
Fiber Laser Cutting Machine



Technical parameters

Machine model	JQ-1530AP
Working area	3000mmx1500mm(118'59")
X-axis travel	1550mm(61")
Y-axis travel	3050mm(120')
Z-axis travel	300mm(11.81')
X-Y axis positioning accuracy	±0.05mm(0.0019')
Acceleration	1G
Maximum Running Speed	100m/min(328'/min)
Maximum Table Loading Weight	900kg(1984 lb)
Power Supply	380v/50Hz

**Single Platform
Fiber Laser Cutting
Machine** >>

JQ-1530E

Single Platform
Fiber Laser Cutting Machine



Technical parameters

Machine model	JQ-1530E
Working area	3000mmx1500mm(118'59')
X-axis travel	1520mm(60')
Y-axis travel	3020mm(119')
Z-axis travel	120mm(4.72')
X, Y axis positioning accuracy	±0.05mm(0.0019')
Acceleration	1G
Maximum Running Speed	100m/min(328'/min)
Maximum Table Loading Weight	900kg(1984 lb)
Power Supply	380v/50Hz

JQ-1530C

Single Platform Sheet Metal and Tube
Combined Fiber Laser Cutting Machine



Technical parameters

Machine model	JQ-1530C
Working area	3000mmx1500mm(118'59')
Tube cutting specifications	Φ20-Φ220, L=6000(Φ0.78-8.66', L=236')
X-axis travel	2350mm(92.5')
Y-axis travel	3050mm(120')
Z-axis travel	240mm(9.45')
X, Y axis positioning accuracy	±0.05mm(0.0019')
Acceleration	1G
Maximum Running Speed	100m/min(328'/min)
Maximum Table Loading Weight	900kg(1984 lb)
Power Supply	380v/50Hz

LASER WELDING MACHINE >>

JQ1000A

Handheld Laser Welding Machine



JQ1000HWM

Handheld Laser Welding Machine

Technical parameters

Machine model	JQ-1000A/JQ1000HWM
Laser wavelength	1070nm
Fiber core diameter	50µm
Fiber length	Standard 10 Meters(393.7')
Laser working mode	CW/Modulated
Galvanometer width	0.5-6mm(0.02-0.2')
Galvo scan speed	≤8000mm/s(315'/s)
Welding speed	0-120mm/s(0-4.7'/s)
Welding material thickness	≤5mm(0.2')
Welding gap requirements	≤2mm(0.08')
Operating Voltage	220/380V

Samples



LASER CLEANING MACHINE >>

JQ-1000HC

Handheld Laser Cleaning Machine



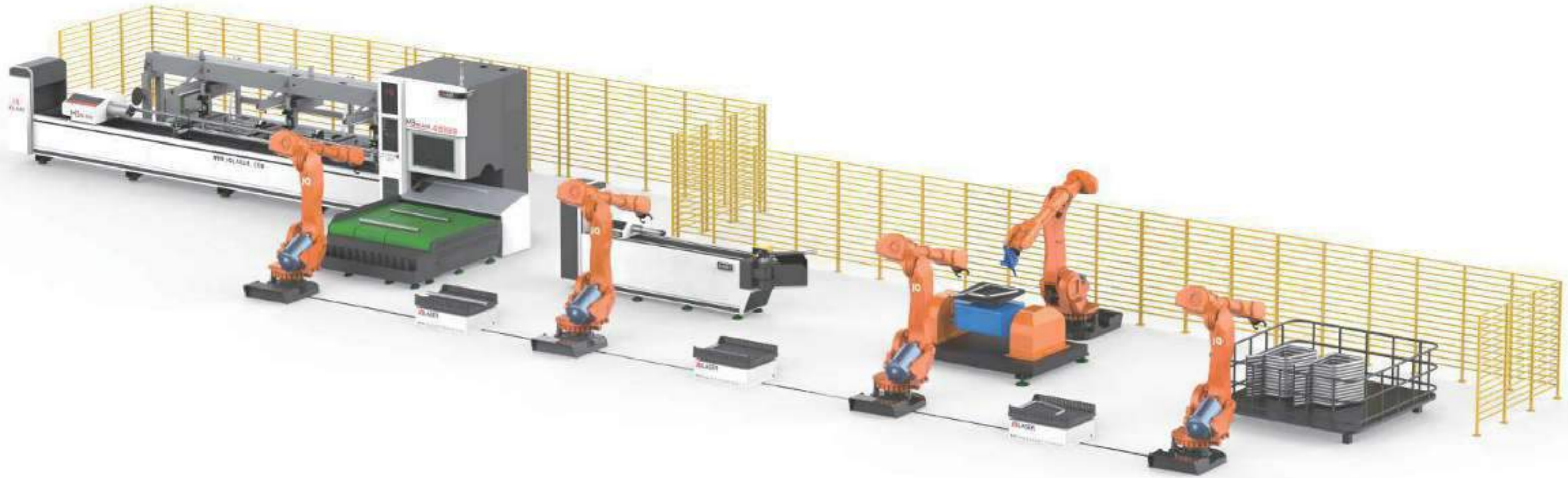
Technical parameters

Machine model	JQ-1000HC
Power output	100-1000W
Wavelength	1064nm
Processing width	50-150mm(2-6")
Line width	<1mm(0.04")
Laser type	Optical fibre or DPL

Samples



**INTELLIGENT
PRODUCTION LINE >>**



INDUSTRY APPLICATION >>



Automobile manufacturing



Furniture industry



Fitness equipment



Tube processing



Bicycle manufacturing



Kitchenware industry



Aerospace



Environmental protection equipment



Cabinet cabinet



medical apparatus and instruments



Elevator manufacturing



Agricultural equipment



**A GLIMPSE OF
WHAT'S AHEAD**

»»»»



**GLOBAL
SERVICE >>**

100+
professional R&D
team members

24^h
after sales service

30000+
satisfied customers all over the world

More than 100 professional R&D team members
24/7 after sales service
30000+ satisfied customers all over the world






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