TA LASER

WUHAN TA LASER MACHINERY CO.,LTD

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TA LASER

WUHAN TA LASER MACHINERY CO.,LTD

TA's Primary Customers:

Machinery dealers with technical service team

TA's Insist:

Reliable quality, fast service, is the only way leads to long term business success.

TA's Mission:

Grow with our dealers, and benefit the end users.

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Who We Are ?

TA LASER is an excellent laser equipment manufacturer in Wuhan, China, which have been engaged for years in a wide range of laser applications and production.

Our production base is located at hi–tech development zone in Optical Valley, where is called Chinese 'Silicon Valley'. Ever since the start of our foundation, we have been dedicated ourselves to research and manufacture of best laser products and applications.

As a member of ‘Wuhan Laser Association’, we are making efforts to work and communicate with laser technology companies and giant manufacturers all over the world, for the purpose of bringing customers with best products.



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What We Make ?

With our technologies and experiences growing for years, we have already put in market low/medium/high power fiber laser cutting machine, CO_2 laser cutting&engraving machine, laser marking machine, laser welding machine

Plant size over 3000 square meters with a wide range of equipment, as a professional industrial laser equipment manufacturer, our operations cover a complete chain of production including design, research, manufacturing, marketing,etc.

Precision processing application including cutting, engraving and welding, to satisfy various industrial needs.



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WUHAN TA LASER MACHINERY CO.,LTD

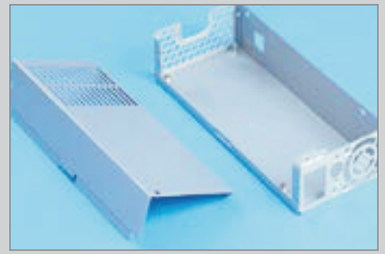
Standard Machinery Solution for Metal Sheet Industry


Laser Cutting


Bending

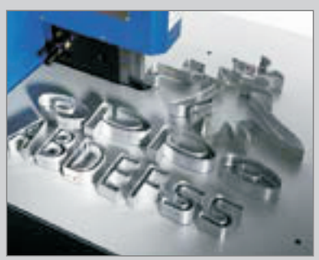

Laser Welding


Powder


Finished Product

Specilized Machinery Solution for Advertisement Industry


Laser Cutting


Letter Bending


Letter Welding


Powder


Finished Product

Open Type Fiber Laser Cutting Machine

TA–FLS Series



Processing Area	3000mm X 1500mm Customized size available
Laser Power	500W–6000W
Max. Acceleration	1.2 G （Optional 0.8G）
Max Traveling Speed	120m/min （Optional 80m/min）
XY Positioning Accuracy	±0.02mm
Transmission	Dual–drive Rack & Pinion
Total Power Consumption	<35KVA
Power Supply	380V 50 Hz / 380V 60 Hz



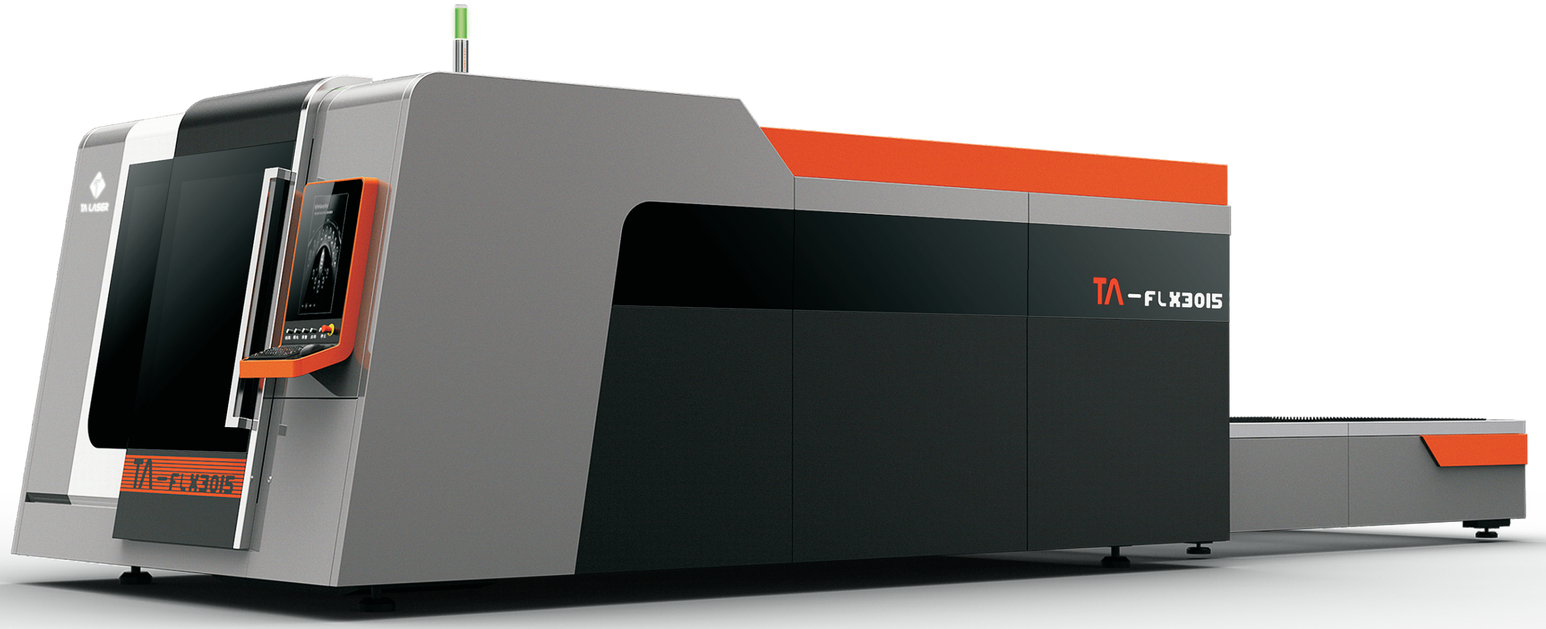
Exchange Table Fiber Laser Cutting Machine

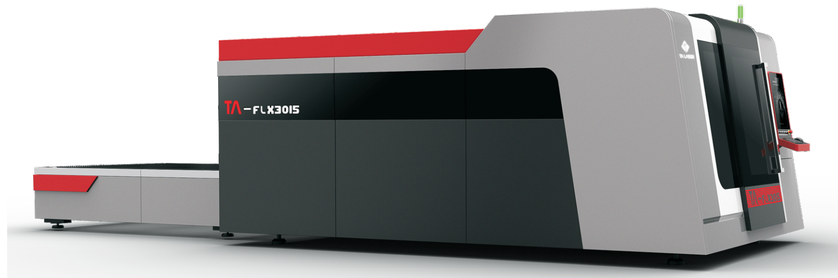
TA–FLX Series

Full Cover Protection reached CE Safety standard, camera monitor instant cutting status.

Heavy duty structure design with strict processing methods, ensuring long life time.

User–Friendly operation system with embedded nesting software.





Processing Area	3000mm X 1500mm Customized size available
Laser Power	500W–12000W
Max. Acceleration	1.5 G
Max Traveling Speed	140m/min
XY Positioning Accuracy	±0.01mm
Transmission	Dual–drive Rack & Pinion
Total Power Consumption	<35KVA
Power Supply	380V 50 Hz / 380V 60Hz

Closed Type Sheet & Pipe Laser Cutting Machine

TA–FLX–HP Series



Processing Area	3000mm X 1500mm Customized size available
Laser Power	500W–12000W
Max. Acceleration	1.2 G
Max Traveling Speed	120m/min
XY Positioning Accuracy	±0.01mm
Transmission	Dual–drive Rack & Pinion
Total Power Consumption	<35KVA
Power Supply	380V 50 Hz / 380V 60Hz

Closed–loop EtherCAT control system ensuring fast and precise cutting.

Adopted high precision transmission components and parts, such as reducer (Alpha), gear, and pinion.

Auto–Focus cutting head has been used to reduce the piercing time of thick metal cutting.





Sheet & Pipe Fiber Laser Cutting Machine

TA–FLST Series





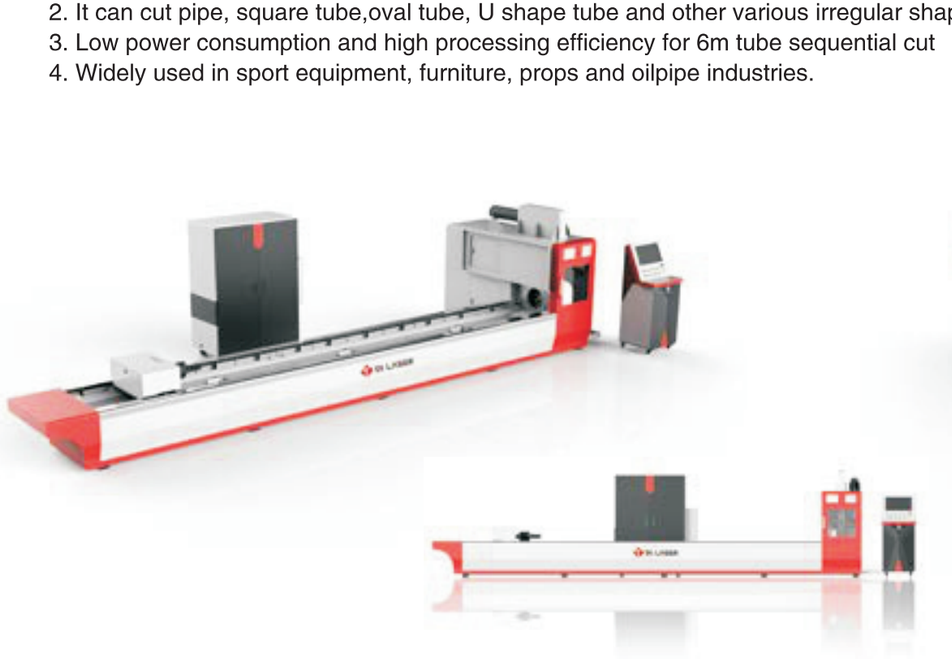


Processing Area	3000mm X 1500mm Customized size available
Pipe Dimensions	Diameter: ϕ20mm– ϕ200mm Length: Less Than 6m
Laser Power	500W–6000W
Max. Acceleration	1.0 G
Max Traveling Speed	100m/min
XY Positioning Accuracy	±0.02mm/m
Transmission	Dual–drive Rack & Pinion
Total Power Consumption	<35KVA
Power Supply	380V 50 Hz / 380V 60Hz

Metal Tube Fiber Laser Cutting Machine

TA–FLT60 SERIES

1. Machine contains 5 axis gentus control
2. It can cut pipe, square tube,oval tube, U shape tube and other various irregular shape tube
3. Low power consumption and high processing efficiency for 6m tube sequential cut
4. Widely used in sport equipment, furniture, props and oilpipe industries.





TECHNICAL PARAMETER

Laser power	500w–4000w
Laser type	Fiber laser source
Laser wave	1070nm
Pipe cutting length	6000m
Z axis stroke	240mm
Pipe diameter	20mm–220mm
Precision	± 0.03mm/m
Re–location precision	± 0.02mm
Power demand	380V/50HZ/60HZ
Cooling way	Water cooling

FUNCTIONS

1. Can cut a plurality of cylinders with different direction, different diameter of intersecting line hole， meet the vertical axis and axis condition branch director and no eccentric
2. Can cut cylinder intersection line at the end of branch pipe, meet the pipe axis and the eccentric and no eccentric director axis intersecting condition
3. Can cut inclined truncation surface at the end of tubes
4. Can cut intersection line of branch pipe. which is intersected with circular main pipe
5. Can cut off square pipes and do 360 degree turning cutting
6. Can cut square holes waist type holes on tubes
7. Can truncate various of steel pipes
8. Can do various graphic cut on square tube, oval tube, U tube and rectangular tube etc

Fiber Laser Cutting Machine for Advertisement Industry

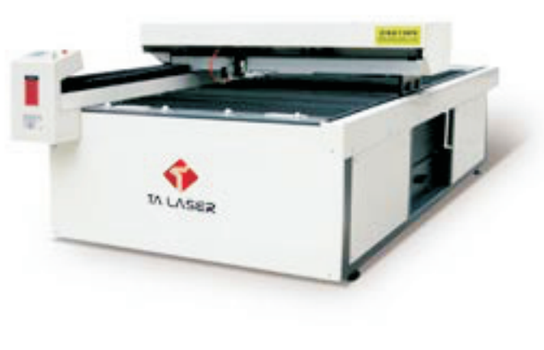
TA–FLSA Series



Processing Area	2500mm X 1300mm /3000mm X 1500mm
Laser Power	300W/500W/700W/1000W
Max. Acceleration	0.6G
Max Traveling Speed	60m/min
XY Positioning Accuracy	0.1mm/m
Transmission	Dual–drive Rack & Pinion
Power Supply	380V 50 Hz

CO_2 Laser Cutting Machine for Nonmetal Material

TA–CLC Series





Laser Power	60w/80w/100w/130w/150w/320W
Working Size	1000x600mm, 1300x900mm, 1600x1000mm, 2500x1300m
Applicable Materials	Acrylic， wood， carton box, leather, cloth, paper, etc

Laser Marking Machine (Fiber/CO_2/UV/Green Laser)

TA–Mark Series



Laser Source	Fiber/ CO_2/UV/ Green Laser Source
Application Material	Fiber Laser for metal material marking; and CO_2 laser for nonmetal material marking.
Optional Device & Function	1) Rotary device; 2) Dynamic (auto–focus) marking system; 3) CCD auto–positioning visual marking system



Precision Laser Cutting Machine (Fiber Laser)

TA–PLP Series



Laser Source	Fiber Laser
Application	Precise & fast processing in a smaller scale. Different laser source is selected for different processing material for the best performance.
Application Industries	Glass industry. PCB circuit industry. touch screen industry. ceramic industry etc.

Cut Sample

Metal sheet fabrication,mechanic parts
1mm–20mm metal sheet cutting



Sport equipment industry



Encasement,cabinet manufacturing
below 2mm metal sheet cutting



Kitchenware industry
stainless steel sheet cutting



Light industry
round,square and conical tube cutting



Automotive industry
automotive parts processing



Laser Cutting Assisting Equipment & Spare Parts



Deburring Machine



Dust Collector



Compressed Air Station



Pneumatic Sheet Loading Device



Voltage Transformer & Regulators



Laser Machinery Spare Parts