



TOAN DAC LOC COMPANY LIMITED

MANUFACTURER LASER FIBER CUTTING MACHINE MADE IN VIETNAM



FIBER LASER CUTTING MACHINE



MANUFACTURED IN VIETNAM



24/24 WARRANTY SERVICE



LIFETIME MAINTENANCE



- ✓ Single/Double Table Laser Machine
- ✓ 1500x3000, 2000x6000, 2000x12000
2500x12000, 4000x12000, 3500x13000

- ✓ IPG/Max/Raycus Source
- ✓ 1000W-120000W

- ✓ Raytools/Precitec Laser Head
- ✓ Yaskawa Servo Motor





TOAN DAC LOC CO., LTD.



We, Toan Dac Loc Co., Ltd. (TDL), establish from 2008 according to The Business Registration Page No.: 3601039984 issued by Business Registration Office from Dong Nai Authority for Planning and Investment on July 29th 2008.

More than 15 years of experience, we operate in two parallel fields – Manufacturing CNC machines and trading all kinds of industrial machines and equipment. The above practical combination has given us valuable experience to select and produce the good quality products with the reasonable investment costs for serving our customers.

Our staff have been building based on the group of the Engineer, the Bachelor, and the Well-trained and Seasoned Workers from the Vietnam reliable technical schools, colleges and universities, practiced in trading and manufacture environment of various different fields with the enthusiasm, passionate working spirits, willing to serve the customer during the repair, maintenance, consultation, and the technical transferring process in all conditions.

By time, thanks to our outstanding attempts with the criteria “Honesty – Conscientiousness–Mutual Development”, we have been earning many long term cooperations with the foreign and domestic customers; they affirm TDL - the professional and reliable supplier. Our products to the customers are:

Domestic Manufacturing Products:

- **2012:** DC/pulse 200A Tig and DC200A Inverter Stick Welding Machines
- **2016:** CNC Plasma/Gas Cutting Machines, 2D/3D Tube Cutting Machine
- **2019:** Metal Sheet Laser Cutting Machines, 3D Profile Laser Cutting Machine
- **2020:** Manufacturing Laser Welding Machines

Imported Commercial Products:

- **Precision Processing Machines:** Universal Lathe Machine, Universal Milling Machine, CNC Lathe machine, CNC Milling Machine, Metal Drilling Machine, Metal Planer Machine, Metal Grinding Machine, etc.

- **Metal Sheet Processing Machines:** Steel Hydraulic Cutting Machine, Steel Hydraulic Pressing, Steel Bending Machine, Shaped-Steel Rolling Machine.

- **Welding equipment and replacement parts:** Stick Welding Machine, Tig Welding Machine, Mig/Mag Welding Machine, Submerged Arc Welding Machine, Fillet Welding Carriage, Electric Resistance Welding Machine, Industrial Welding Production Lines, Welding Replacement Parts (Mig Welding Torch, Tig Welding Torch, Welding Nozzle, etc.), and Gas Cutting and Welding Parts, etc.

- **Specialized jigs:** Beam attaching and straightening jigs, Pipe welding jigs, Flange welding jigs, Equipment and tools for processing in the mound workshop: Steel winding machine, Steel rolling machine, Edge folding, Thread edging, etc.

- **Plasma Cutting Machines and Replacement Parts:** TDL is the distributor for the big plasma cutting machine and parts manufacturing brands: Victor Thermal Dynamics, B&Bartoni, Sunshine, Tecmo, etc.

- **Fiber Laser Sources and Laser Cutting Heads:** TDL is the distributor for the famous manufacturing brands: IPG, Maxphotonics, Raytools and also a partner of Precitec, Ospri, etc.

- **Controlling Equipment and Laser CNC Cutting Parts:** TDL is a representative and partner of the famous brands: Cypcut – Hypcut, Beckhoff, Mitsubishi, Yaskawa, Hiwin, YYC, etc. Mitsubishi, Yaskawa, Hiwin, YYC...

Factory capacity and equipment:

- 4500m² factory and 500m² Office both located in Bien Hoa
- Large cnc milling machine 3x8m (1 piece), cnc milling machine 1.5x4m (1 piece), cnc milling machine 300x800mm (2 pieces), cnc bending machine, laser cutting machine, welding and drilling machines and many other types.
- Stress reduction annealing furnace, blasting cleaning and painting workshop

www.toandacloc.com

METAL SHEET FIBER LASER CUTTING MACHINE

E SERIES - Single Table



- + Single table E Series is an economical machine, suitable for laser source power <15KW.
 - + The machine body is made of high quality steel, assembled by welding, stress-relieved by heat annealing.
 - + Machining the machine body once on a large format CNC milling machine ensures precision to help the machine run smoothly.
 - + Compact machine structure, saving workshop space by taking advantage of all empty compartments to install equipment.
 - + Machine body cleaned then painted 2-layer rust resistant and machine cover applied electrostatic coating.
 - + The integrated smoke/dust protection and treatment system for keeping the machine operator, the machine and the environment safe.
 - + Manufacture other machine sizes than standard and install spare parts as required..
- Application:** Cutting carbon steel, aluminum, copper, galvanized steel...



- | | | | |
|--|---|--|---|
| <input checked="" type="checkbox"/> Control system: Cypcut | <input checked="" type="checkbox"/> Servo Motor: Leadshine/Yaskawa | <input checked="" type="checkbox"/> Laser heads: Raytools/Boci | <input checked="" type="checkbox"/> Laser source: IPG/Max/Raycus |
| <input checked="" type="checkbox"/> Gas circuit system: SMC/Parker | <input checked="" type="checkbox"/> Gearbox: Motoreducer - France | <input checked="" type="checkbox"/> Rack: Kaihe - Taiwan | <input checked="" type="checkbox"/> Slider: Hiwin - Taiwan |
| <input checked="" type="checkbox"/> Electrical parts: Mitsubishi - Japan | <input checked="" type="checkbox"/> Fume extraction system: TDL-Vietnam | <input checked="" type="checkbox"/> Machine bed: TDL - Vietnam | <input checked="" type="checkbox"/> Mechanical parts: TDL - Vietnam |

SPECIFICATIONS

Model	3015E1	4015E1	6015E1	6020E
Working Area (mm)	3000x1500	4000x1500	6000x1500	6000x2000
X-Y-Z Axis Stroke (mm)	3150-1600-120	4150-1600-120	6150-1600-120	6150-2080-120
Positioning Accuracy	X,Y:±0.05mm, Z:±0.01mm			
Re-positioning Precision	X,Y:±0.03mm, Z:±0.01mm			
Maximum Speed X,Y(Z)	80m/min,(30m/min)	90m/min, (30m/min)		100m/min,(30m/min)
Acceleration	0.8G	1.0G		1.2G
Laser Power	<6KW		<12KW	<15KW
Dimension (LxWxH)(mm)	4800x2400x1600	5900x2400x1600	8000x2400x1600	8000x2800x1800
Weight	≈2.6T	≈3.5T	≈4.2T	≈6.0T

* New products 6025E and 12025E are coming soon

METAL SHEET FIBER LASER CUTTING MACHINE

S SERIES - Single Table



- + Single table S Series belongs to the heavy-duty series, suitable for laser cutting power capacity <30KW.
 - + BUS control via EtherCAT protocol for faster processing and response speed than conventional types.
 - + The machine body is made of high quality THICK SHEET, assembled by welding, stress relieved by heat annealing.
 - + Machining the machine body once on a large format CNC milling machine ensures precision to help the machine run smoothly.
 - + Compact machine structure, saving workshop space by taking advantage of all empty compartments to install equipment.
 - + The integrated smoke/dust protection and treatment system for keeping the machine operator, the machine and the environment safe.
 - + Machine body cleaned then painted 2-layer rust resistant and machine cover applied electrostatic coating.
 - + All spare parts and components use famous brands: Yaskawa, Mitsubishi, SMC, Hiwin...
 - + Manufacture other machine sizes than standard and install spare parts as required..
 - + Integrated jig to cut various types of steel: U I V L...
- Application:** Cutting carbon steel, aluminum, copper, galvanized steel...



- | | | | |
|--|---|---|---|
| <input checked="" type="checkbox"/> Control system: CypcutE/Pro | <input checked="" type="checkbox"/> Servo Motor: Yaskawa - Japan | <input checked="" type="checkbox"/> Laser heads: Raytools /Boci | <input checked="" type="checkbox"/> Laser source: IPG/Max/Raycus |
| <input checked="" type="checkbox"/> Gas circuit system: SMC/Parker | <input checked="" type="checkbox"/> Gearbox: Shimpo Nidec - Japan | <input checked="" type="checkbox"/> Rack: Kaihe - Taiwan | <input checked="" type="checkbox"/> Slider: Hiwin - Taiwan |
| <input checked="" type="checkbox"/> Electrical parts: Mitsubishi - Japan | <input checked="" type="checkbox"/> Fume extraction system: TDL-Vietnam | <input checked="" type="checkbox"/> Machine bed: TDL - Vietnam | <input checked="" type="checkbox"/> Mechanical parts: TDL - Vietnam |

SPECIFICATIONS

Model	3015S	6020S	12020S	12025S
Working Area (mm)	3000x1500	6000x2000	12000x2000	12000x2500
X-Y-Z Axis Stroke (mm)	3100-1580-120	6150-2100-150	12200-2100-200	12200-2600-200
Positioning Accuracy	X,Y:±0.03mm, Z:±0.01mm			
Re-positioning Precision	X,Y:±0.03mm, Z:±0.01mm			
Maximum Speed X,Y(Z)	X,Y=100-150m/min, Z=30m/min			
Acceleration	1.2G	1.5G	2.5G	
Laser Power	<6KW	<20KW	<30KW	<40KW
Dimension (LxWxH)	4800x2400x1600	8400x2900x1600	15000x2900x1800	15000x3600x1800
Weight	≈3.5T	≈8.5T	≈16.8T	≈19T

* New product 6025S coming soon

METAL SHEET FIBER LASER CUTTING MACHINE

D SERIES - Exchangeable



- + D Series is an exchangeable cutting machine with no cover
 - + The machine has two exchangeable cutting tables that can work continuously for high productivity, laser source power <40KW.
 - + The machine body is made of high quality THICK SHEET, assembled by welding, stress relieved by heat annealing.
 - + Ultra-durable, stiff and lightweight 6005-T6 aerospace aluminum cross beam for quick acceleration.
 - + Machining the machine body once on a large format CNC milling machine ensures precision to help the machine run smoothly.
 - + The integrated smoke/dust protection and treatment system for keeping the machine operator, the machine and the environment safe.
 - + Machine body cleaned then painted 2-layer rust resistant and machine cover applied electrostatic coating.
 - + All spare parts and components use famous brands: Yaskawa, Mitsubishi, SMC, Hiwin...
- Application:** Cutting carbon steel, aluminum, copper, galvanized steel..



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|--|---|---|---|
| <input checked="" type="checkbox"/> Control system: Cypcut/Hypcut | <input checked="" type="checkbox"/> Servo Motor: Yaskawa - Japan | <input checked="" type="checkbox"/> Laser heads: Raytools/Precitec/Boci | <input checked="" type="checkbox"/> Laser source: IPG/Max/Raycus |
| <input checked="" type="checkbox"/> Gas circuit system: SMC/Parker | <input checked="" type="checkbox"/> Gearbox: Shimpo Nidec - Japan | <input checked="" type="checkbox"/> Rack: Kaihe - Taiwan | <input checked="" type="checkbox"/> Slider: Hiwin - Taiwan |
| <input checked="" type="checkbox"/> Electrical parts: Mitsubishi - Japan | <input checked="" type="checkbox"/> Fume extraction system: TDL-Vietnam | <input checked="" type="checkbox"/> Machine bed: TDL - Vietnam | <input checked="" type="checkbox"/> Mechanical parts: TDL - Vietnam |

SPECIFICATIONS

Model	3015D/E*	6020D/E*	12020D/E*
Working Area (mm)	3000x1500	6000x2000	12000x2000
X-Y-Z Axis Stroke (mm)	3100-1580-200	6150-2100-250	12200-2100-250
Positioning Accuracy	X,Y:±0.05mm, Z:±0.01mm		
Re-positioning Precision	X,Y:±0.03mm, Z:±0.01mm		
Maximum Speed X,Y(Z)	100-180m/min		
Acceleration	1.2G	1.5G-2.5G	
Exchange table time	15-25 sec	30-90 sec	
Laser Power	<12KW	<30KW	<40KW
Dimension (LxWxH)	8400x2600x1700	14000x3200x1800	26000x3200x1800
Weight	≈6.5T	≈16T	≈24T

E* Economical machine

METAL SHEET FIBER LASER CUTTING MACHINE F (H) SERIES - Exchangeable



- + The full cover exchangeable cutting machine with the cover has a sealed cover to ensure user safety.
 - + The Exchangeable cutting machine with the cover has two models (F – Shuttle cutting table and H - Cutting table with the hydraulic lifting system).
 - + Working efficiency is as high as 90% and can work 24/7
 - + BUS control via EtherCAT protocol for faster processing and response speed than conventional types.
 - + The machine body is made of high quality THICK SHEET, assembled by welding, stress relieved by heat annealing.
 - + Easy-to-use smart control system with many functions to help increase productivity.
 - + The machine has a surveillance camera installed inside the machine and behind the machine.
 - + 6005-T6 aviation aluminum cross beam is super durable, stiff and light for quick acceleration
 - + The integrated smoke/dust protection and treatment system for keeping the machine operator, the machine and the environment safe.
 - + Manufacture other machine sizes than standard and install spare parts as required
- Application:** cutting carbon steel, aluminum, copper, galvanized steel...



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|--|---|---|---|
| <input checked="" type="checkbox"/> Control system: Cypcut/HypCut | <input checked="" type="checkbox"/> Servo Motor: Yaskawa - Japan | <input checked="" type="checkbox"/> Laser heads: Raytools/Precitec/Boci | <input checked="" type="checkbox"/> Laser source: IPG/Max/Raycus |
| <input checked="" type="checkbox"/> Gas circuit system: SMC/Parker | <input checked="" type="checkbox"/> Gearbox: Shimpo Nidec - Japan | <input checked="" type="checkbox"/> Rack: Kaihe - Taiwan | <input checked="" type="checkbox"/> Slider: Hiwin - Taiwan |
| <input checked="" type="checkbox"/> Electrical parts: Mitsubishi - Japan | <input checked="" type="checkbox"/> Fume extraction system: TDL-Vietnam | <input checked="" type="checkbox"/> Machine bed: TDL - Vietnam | <input checked="" type="checkbox"/> Mechanical parts: TDL - Vietnam |

SPECIFICATIONS

Model	3015F/H*	6020F/H*	6025F/H*	12020F/H*
Working Area (mm)	3000x1500	6000x2000	6000x2500	12000x2000
X-Y-Z Axis Stroke (mm)	3100-1550-250 (120*)	6200-2100-300 (150*)	6200-2600-300 (150*)	12200-2100-300 (200*)
Positioning Accuracy	X,Y:±0.05mm, Z:±0.01mm			
Re-positioning Precision	X,Y:±0.03mm, Z:±0.01mm			
Maximum Speed X,Y(Z)	X,Y<200m/min, Z=30m/min			
Acceleration	1.2G	1.5G	2.5G	
Exchange table time	15-25 sec	30-90 sec		
Laser Power	<6KW	<30KW	<30KW	<50KW
Dimension (LxWxH)	4800x2400x1600	8400x2900x1600	15000x2900x1800	15000x2900x1800
Weight	≈3.5T	≈16T	≈18T	≈28T

H Series: Hydraulic lifting system; *: Z axis apply for Table cutting Hydraulic Lifting system

METAL SHEET FIBER LASER CUTTING MACHINE G SERIES - Heavy-duty machine



- + G Series belongs to a line of heavy-duty machines used to cut large-sized steel plates.
 - + The cutting table and laser cutting machine are separate so they can cut large thickness materials with power up to 80KW.
 - + Can integrate jigs to cut various types of steel such as H beams, box steel...
 - + Equipped with an anti-collision infrared sensor for safety for the machine and users
 - + BUS control via EtherCAT protocol for faster processing and response speed than conventional types.
 - + Easy-to-use smart control system with many functions to help increase productivity
 - + The machine body is made of high quality steel, assembled by welding, stress reduction heat treatment - Annealing.
 - + The integrated smoke/dust protection and treatment system for keeping the machine operator, the machine and the environment safe.
 - + Manufacture other machine sizes than standard and install spare parts as required.
- Application:** cutting carbon steel, aluminum, copper, galvanized steel...



- | | | | |
|--|---|---|---|
| <input checked="" type="checkbox"/> Control system: Hypcut/Cypcut | <input checked="" type="checkbox"/> Servo Motor: Yaskawa - Japan | <input checked="" type="checkbox"/> Laser heads: Raytools/Precitec/Boci | <input checked="" type="checkbox"/> Laser source: IPG/Max/Raycus |
| <input checked="" type="checkbox"/> Gas circuit system: SMC/Parker | <input checked="" type="checkbox"/> Gearbox: Shimpo Nidec - Japan | <input checked="" type="checkbox"/> Rack: Kaihe - Taiwan | <input checked="" type="checkbox"/> Slider: Hiwin - Taiwan |
| <input checked="" type="checkbox"/> Electrical parts: Mitsubishi - Japan | <input checked="" type="checkbox"/> Fume extraction system: TDL-Vietnam | <input checked="" type="checkbox"/> Machine bed: TDL - Vietnam | <input checked="" type="checkbox"/> Mechanical parts: TDL - Vietnam |

SPECIFICATIONS

Model	12025G	13035G	12040G
Working Area (mm)	12000x2500mm	12000x3000mm	12000x4000mm
X-Y-Z Axis Stroke (mm)	12400-2680-200mm	13300-3600-200mm	12500-4150-200mm
Positioning Accuracy	X,Y:±0.05mm, Z:±0.01mm		
Re-positioning Precision	X,Y:±0.03mm, Z:±0.01mm		
Maximum Speed X,Y(Z)	X,Y=80-150m/min, Z=30m/min		
Acceleration	1.0G-2.5G		
Laser Power	6.0KW-60KW		
Dimension (LxWxH)	15600x4400x1500mm	16000x5200x1500mm	16000x5500x1500mm
Weight	≈15T	≈20T	≈25T

In addition to the above standard cutting ranges, the machine can also be manufactured to expand or narrow the cutting range as required

TUBE FIBER LASER CUTTING MACHINE



Feature Tube Fiber Laser Cutting Machine

- + The machine body is optimally designed to prevent vibration, even for long parts, ensuring accurate cutting
- + Front and rear chuck automatically with compressed air
- + Availability of pipe support and long product recovery systems
- + The software already has a library of cutting profiles

Application

- + Cut all materials as steel, aluminum, stainless steel...
- + Cut shapes: Box, tube, Oval, L, C...
- + Equipped with automatic pipe support system to prevent sagging for small and long pipes.
- + Standard cutting length is 6M and can be extended to 9M-12M upon request



- ✓ Control system: TubePro
- ✓ Servo Motor: Yaskawa - Japan
- ✓ Laser heads: Raytools
- ✓ Laser source: IPG/Max/Raycus
- ✓ Gearbox: Shimpo Nidec - Japan
- ✓ Slider: Hiwin - Taiwan
- ✓ Rack: Kaihe - Taiwan
- ✓ Gas circuit system: SMC
- ✓ Water chiller: Tongfei/Hanli
- ✓ Electrical parts: Mitsubishi - Japan
- ✓ Machine bed: TDL - Vietnam
- ✓ Mechanical parts: TDL - Vietnam

SPECIFICATIONS

Model		623M
Laser Power		1500W-6000W
Working Area (mm)		Ø10-Ø170mm; Ø20-Ø250mm Ø20-Ø350mm L6000mm
X-Y-Z Axis Stroke		X=6500mm, Y=500mm, Z=250mm
Positioning Accuracy		±0.03mm
Re-positioning Precision		±0.015mm
Speed	W1,W2 Axis	130 ring/min
	X Axis	120 m/min
	Y Axis	120 m/min
	Z Axis	30 m/min
Dimension (LxWxH)		10.900*1.470*1.980mm



CUTTING SAMPLE

HAND-HELD FIBER LASER WELDING MACHINE



Laser welding characteristics

- High energy density, low heat input, small amount of thermal distortion, narrow melting zone and heat affected zone and deep penetration of beautiful shiny weld surface.
- Easy to use, no need for highly qualified workers and special welding speed is 3 times than Tig welding
- No need for compensation wire when welding thickness <2mm, thicker welding materials have an automatic compensation wire feeder available.
- Can be combined with automatic or robot systems.
- Applied for welding materials such as: Black steel, stainless steel, aluminum...

Characteristics of laser welding machines manufactured by TDL

- Automatic compensation wire feeders are available for all types of machines.
- Integrated cutting function.
- Control system is available in Vietnamese/English
- Adjusting the laser beam on the control screen is easy, unlike other controllers that have to be adjusted manually.
- The welding head uses 2 motors that can produce many types of suitable for all types of welding.

SPECIFICATIONS

Model	TL-1000Q	TL-1500Q	TL-2000Q
Laser Welding Power	1000W	1500W	2000W
Cooling mode	Water-cooled		
Machine Power	5,5KW	7,7KW	9,5KW
Fiber line length	10m		
Input voltage	220v ± 10% 50/60 hz AC		
Working mode	·, —, ○, ⊙, △, ✕		
Positioning	Red light indication		
Welding gap	0,1-1,5mm		
Welding penetration	3mm	4mm	5mm
Welding thickness	5mm	6mm	7mm
Mark width	0.2-5mm		
Wire diameter	Ø 0.8; Ø 1.0; Ø 1.2; Ø 1,6mm		
Working temperature	10 °C -40 °C		



Control system: BWT15, 7'' touch screen

Laser source: Max/Raycus/IPG

Electrical parts: Mitsubishi - Japan

Water Chiller: Hanli/SA

Automatic welding wire feeder: Numerical control



FIBER LASER MAIN PARTS



Fiber Laser Control System



Cypcut control system

Medium power laser cutting system is a full-solution open-loop installed for $\leq 12\text{KW}$ powers
 Integrated software: Cad-cam and Drawing, Nest
 Positioning accuracy $\pm 0.03\text{mm}$; repetitive positioning accuracy $\pm 0.01\text{mm}$
 Max Speed 150m/min, Maximum Acceleration 1.5G



Hypcut control system

High power laser cutting system is a full-solution closed-loop installed for $\leq 60\text{KW}$ powers
 Integrated software: Cad-cam and Drawing, Nest
 Positioning accuracy $\pm 0.01\text{mm}$; repetitive positioning accuracy $\pm 0.01\text{mm}$
 Max Speed 300m/min, Maximum Acceleration 5.0G

Fiber Laser Cutting Heads



Raytools

Laser cutting source capacity $\leq 6\text{KW}$



Boci

Laser cutting source capacity $\leq 50\text{KW}$



Precitec

Laser cutting source capacity $\leq 30\text{KW}$

Fiber Laser Power Source



Raycus

1000W-30000W



Maxphotonic

1000W-40000W



IPG

1000W-120000W

Material	Thickness (mm) / Power (W)									
	1000	1500	2000	3000	4000	6000	12000	15000	20000	30000
MS	10	12	16	20	22	25	40	45	60	70
SS	4	5	8	10	12	18	40	50	70	90
Alu	2	3	4	6	8	16	25	20	30	40
Brass	2	3	4	5	6	10	16	18	20	20

FIBER LASER MAIN PARTS

Other parts



**Servo motor Yaskawa
Leadshine**



**Gear box
Shimpo Nidec**



**Racks
YYC/Kaihe/TDL**



**Linear guide - Hiwin
Assembly for all models**



**Water Chiller
Tongfei, S&A, Hanli**



**Electric control Mitsubishi
Assembly for all models**



**Proportional valve
SMC Japan**



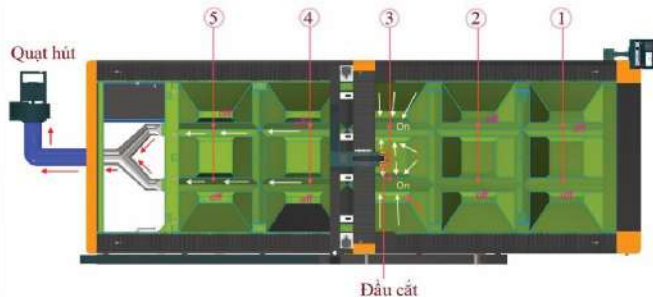
**Oil lubrication pump
ISHAN**



**Centrifugal exhausting
Fan**

FIBER LASER MAIN PARTS

Other parts



Automatic Local Exhausting System

- Only the compartment at the laser head position stays opened while others keep closed, therefore, no high-power exhaust fan in need.
- 96% smoke and dust exhaust capacity
- Pneumatic automatic opening and closing exhaust compartment doors



Automatic Nozzle Cleaning And Replacing Function

- Cleaning function applied for all series
- Automatic replacing function applied for F series and optional for other series
- Monitoring camera applied for all series as optional

AFTERSALES WARRANTY AND MAINTANANCE SERVICE



WARRANTY

Warranty Time: 2 years for plasma cutting and welding equipment and 5 years for the laser cutting machine body



LIFELONG MAINTENANCE

Provide technical supports and add relevant equipment components any time, even the warranty period ends

*Guide, regularly consult and answer every question in 24/24 hours
Commit that our engineers will be at the site to solve technical problems which the operators can not settle within 24h since the problem reports*



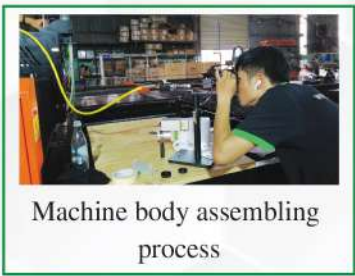
Machine body welding process



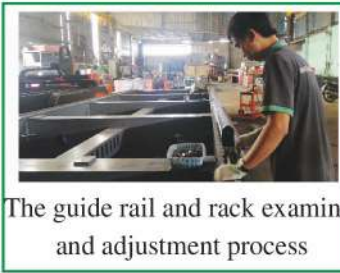
Stress relief annealing process



Machine body milling process on the big CNC machine



Machine body assembling process



The guide rail and rack examine and adjustment process



Electrical cabin system assembling process



Unloading trial process



Packing process Delivering

**BEVEL LASER MACHINE
TDL-13035G 15000W**



**HEAVY-DUTY MACHINE
TDL-13035G 15000W**



Cooperation for mutual development

EXCHANGEABLE MACHINE
TDL-6020F 15000W



EXCHANGEABLE MACHINE
TDL-3015DF 12000W



SINGLE TABLE MACHINE
TDL-12020S 12000W



SINGLE TABLE MACHINE
TDL-6020S 12000W



ECONOMICAL MACHINE
TDL-6020E 6000W



TUBE LASER MACHINE
TDL-623M 3000W





TOAN DAC LOC COMPANY LIMITED

MANUFACTURER LASER FIBER CUTTING MACHINE MADE IN VIETNAM

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