



Tanshu Australia Pty Ltd

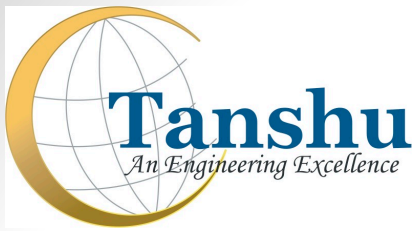
About Tanshu Machinery Solution

Tanshu Machinery Solution is a subsidiary of Tanshu Australia Pty Ltd and has been dealing in the supply, import and export of new and used manufacturing machinery and equipment since 2010.

Tanshu Australia will supply and install state-of-the-art manufacturing machinery equipment and have on-site service and support engineers.

The Tanshu Machinery Solution Range includes:

1. Laser Cutting 1KW to 40KW
Single Table Open Type, Exchange Table with Safety Cover, Tube Laser Cutting, Coil Feed Laser Cutting
2. Laser Welding Machines
3. Robotic Laser Cutting and Laser Welding
4. Bending Machines



Laser Cutting Machine 1KW to 40KW

Single Table Open Type Standard

Technical Parameter

Max. running speed:	120m/min
Max. acceleration:	1.0G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	1kw-40kw
Machine running environment:	0-40°



Advantages:

- 1. Separated control cabinet with air conditioner**
- 2. Steel welding table bed**
- 3. Japan Servo and driving**

Products Models:

Model	1530G	1560G	2040G	2060G	2560G
Cutting area(mm)	3000 x 1500	6000 x 1500	4000 x 2000	6000 x 2000	6000 x 2500
Machine dimension(mm)	5000 x 4200 x 2200	8400 x 4200 x 2200	6000 x 4800 x 2200	8400 x 4800 x 2200	8500 x 6200 x 2300



Laser Cutting Machine 1KW to 40KW

Single Table Open Type with Tube Cutting

Technical Parameter

Max. running speed:	120m/min
Max. acceleration:	1.0G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	1kw-40kw
Machine running environment:	0-40°



Advantages:

- 1. Separated control cabinet with air conditioner.**
- 2. Steel welding table bed**
- 3. Big 240mm pneumatic Chuck**

Products Models:

Model	1530GY	1560GY	2040GY	2060GY
Sheet cutting area(mm)	3000 x 1500	6000 x 1500	4000 x 2000	6000 x 2000
Tube cutting(mm)	Φ20-Φ240mm, □20-□160mm, Max. length: 6000mm			
Machine dimension(mm)	12000 x 6000 x 2400	15500 x 6000 x 2400	13000 x 6400 x 2400	15500 x 6400 x 2400

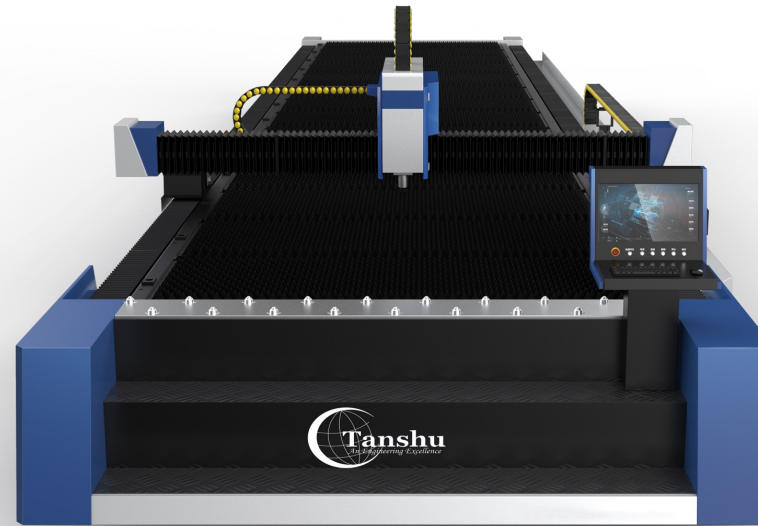


Laser Cutting Machine 12KW to 40KW

Large Cutting Table Design

Technical Parameter

Max. running speed:	100m/min
Max. acceleration:	0.8G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	12kw-40kw
Machine running environment:	0-40°



Advantages:

- 1. Big steel welding table suitable for cutting service centre**

Products Models:

Model	25130G
Cutting area(mm)	13000 x 2500
Machine dimension(mm)	17000 x 9500 x 2400

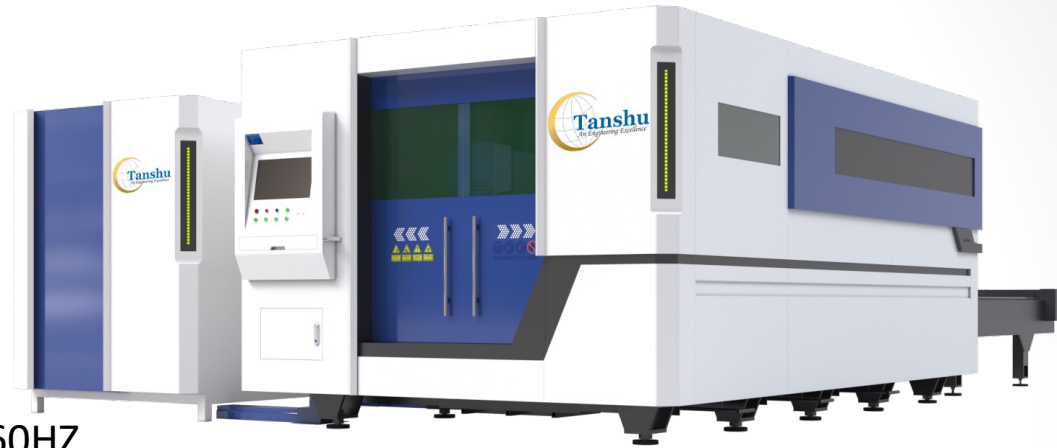


Laser Cutting Machine 1KW to 40KW

Exchange Tables With Top Cover Laser Cutting Machine Standard

Technical Parameter

Max. running speed:	120m/min
Max. acceleration:	1.0G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	1kw-40kw
Machine running environment:	0-40°



Advantages:

- 1. Separated control cabinet**
- 2. Steel welding table bed**
- 3. With top cover**

Products Models:

Model	1530GD	2040GD	2060GD	2560GD	2580G	25120
Cutting area(mm)	3000 x1500	4000 x 2000	6000 x 2000	6000 x 2500	8000x 2500	12000x2500
Machine dimension (mm)	8700x5000 x2300	11000x5700x 2300	15000x5700 x2300	15400x6300 x2300	19800x630 0x2500	28600x6500 x2700

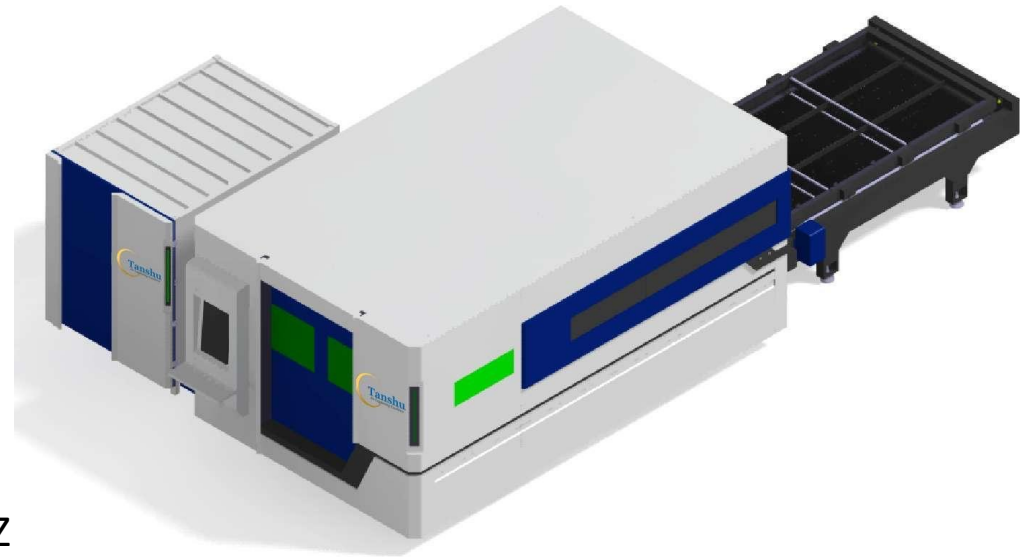


Laser Cutting Machine 1KW to 40KW

Exchange Tables With Top Cover Laser Cutting Machine G20 High Version

Technical Parameter

Max. running speed	160m/min
Max. acceleration:	1.5G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	12kw-40kw
Machine running environment:	0-40°



Advantages:

1. Separated control cabinet with air conditioner
2. Steel welding table bed
3. Japan Servo and driving
4. Fscut 8000 Ethercat software
5. Higher speed and acceleration

Products Models:

Model	1530GD-G20	2040GD-G20	2060GD-G20
Cutting area(mm)	3000 x 1500	4000 x 2000	6000 x 2000
Machine dimension(mm)	8700 x 5100 x 2400	11000 x 5700 x 2400	15000 x 5700 x 2400

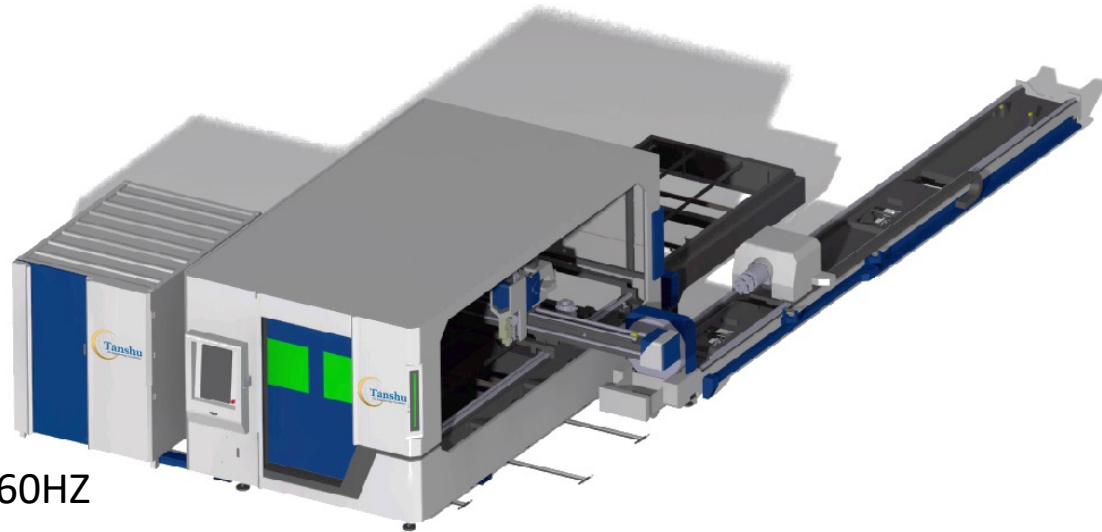


Laser Cutting Machine 1KW to 40KW

Exchange Tables With Tube Laser Cutting Machine

Technical Parameter

Max. running speed	120m/min
Max. acceleration:	0.8G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	12kw-40kw
Machine running environment:	0-40°



Advantages:

1. Separated control cabinet
2. Steel welding table bed
3. With top cover

Products Models:

Model	1530GDY	1560GDY	2040GDY	2060GDY
Sheet cutting area(mm)	3000 x 1500	6000 x 1500	4000 x 2000	6000 x 4000
Tube cutting(mm)	Φ20-Φ240mm, □20-□160mm, Max. length: 6000mm			
Machine dimension(mm)	12000 x 6200 x 2400	15500 x 6200 x 2400	13200 x 6800 x 2400	15500 x 6800 x 2400

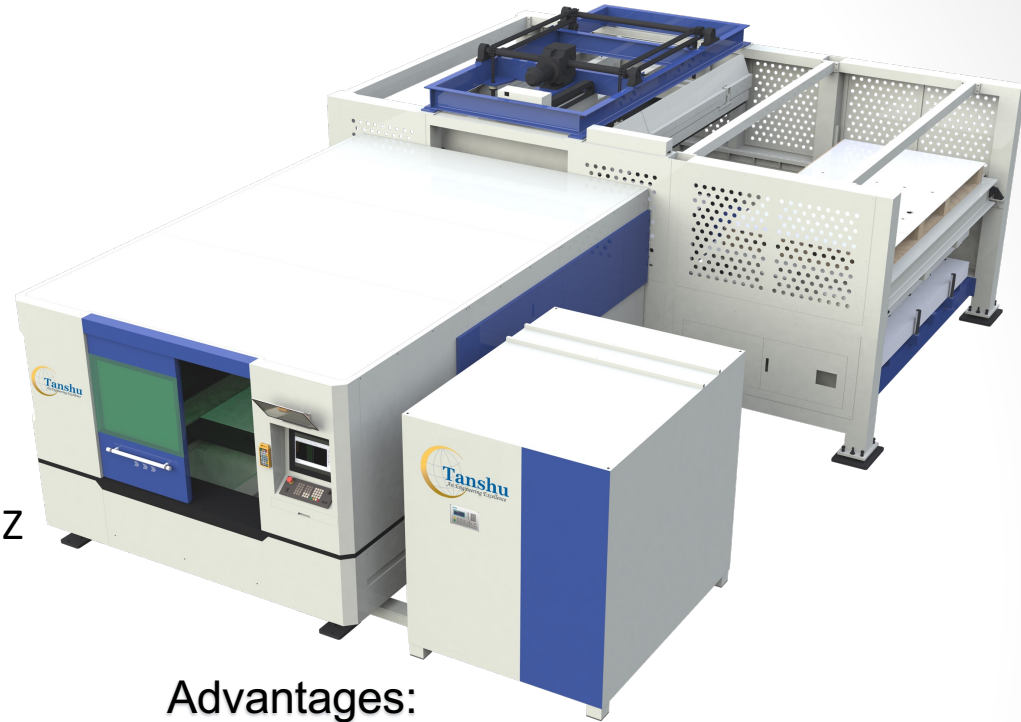


Laser Cutting Machine 1KW to 40KW

With Automatic Loading and Unloading System

Technical Parameter

Max. running speed	120m/min
Max. acceleration:	0.8G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	12kw-40kw
Machine running environment:	0-40°



Advantages:

1. Separated control cabinet
2. For sheet thickness $\leq 6\text{mm}$
3. The loading made by a vacuum lifter
4. Loading time: 1 minute 50 seconds
5. Full automation

Products Models:

Model	1530GDA
Cutting area(mm)	3000 x 1500
Machine dimension(mm)	9800 x 6000 x 4500

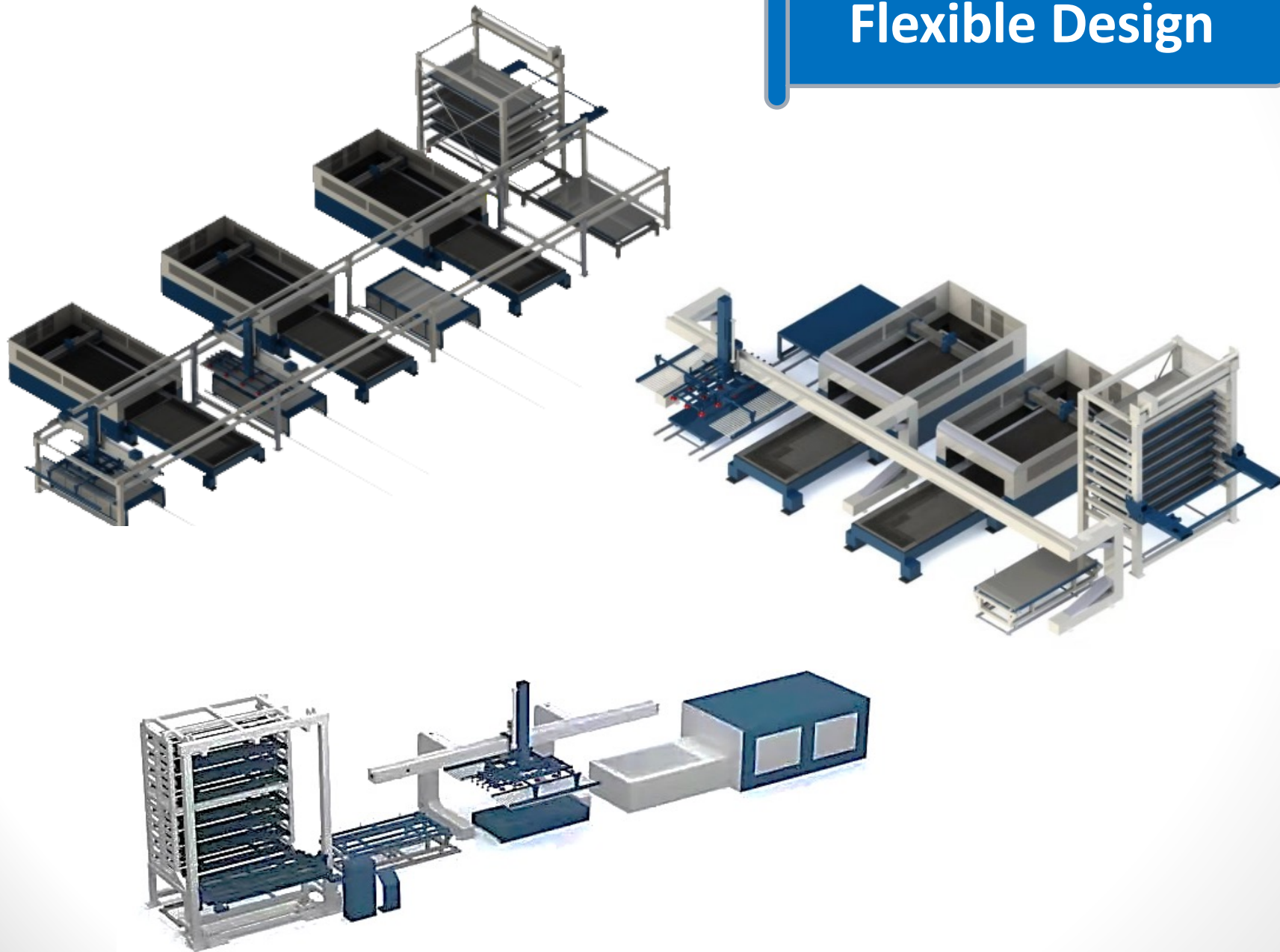
Exchange Table Laser Cutting Machine

With automatic loading and unloading, the automatic storage tower system



- Exchange table 3000 x 1500mm
- For sheet thickness ≤ 6 mm
- Vacuum lifter

Flexible Design





Tube Laser Cutting Machine Introduction

If you're looking for details about Tube Laser Cutting Machines, please contact Tanshu Representative or visit our website at www.tanshaustralia.com.au.

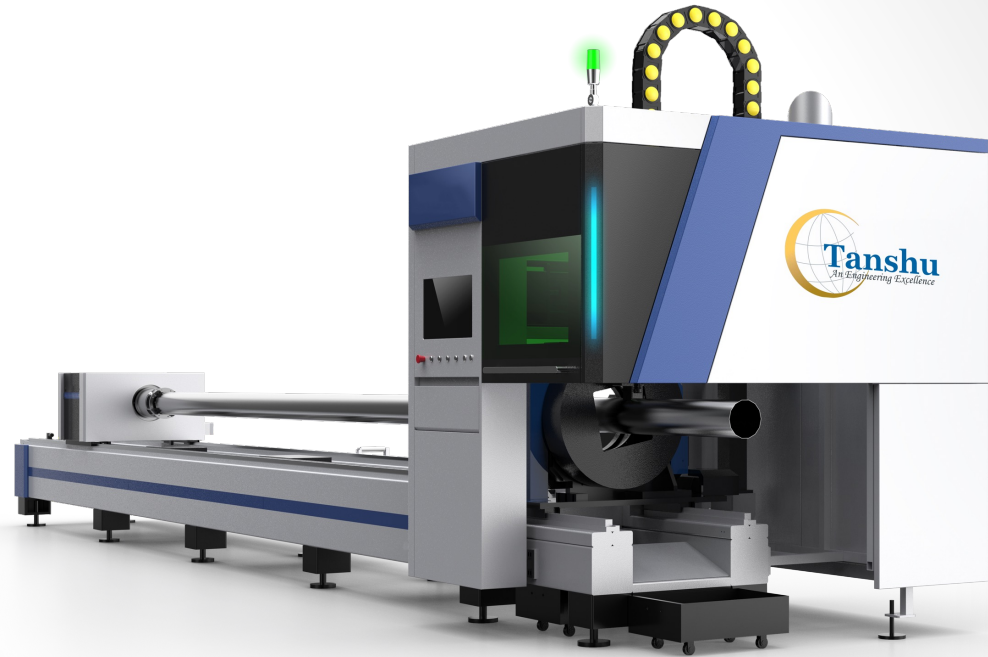


Tube Laser Cutting Machine 1KW to 6KW

240mm Chuck Standard

Technical Parameter

Max. running speed	100m/min
Max. acceleration:	0.8G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	12kw-40kw
Machine running environment:	0-40°



Advantages:

1. 240mm front chuck
2. Two pneumatic chucks
3. Three pneumatic supporters

Products Models:

Model	0160Y	0260Y	0360Y
Max tube length(mm)	6000	6000	6000
Machine dimension(mm)	10000 x 2100 x 2800		
Round tube(mm)	10-160	20-240	20-350
Square tube(mm)	10-110	20-160	20-240

Technical Parameter

Max. running speed	120m/min
Max. acceleration:	0.8G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	12kw-40kw
Machine running environment:	0-40°



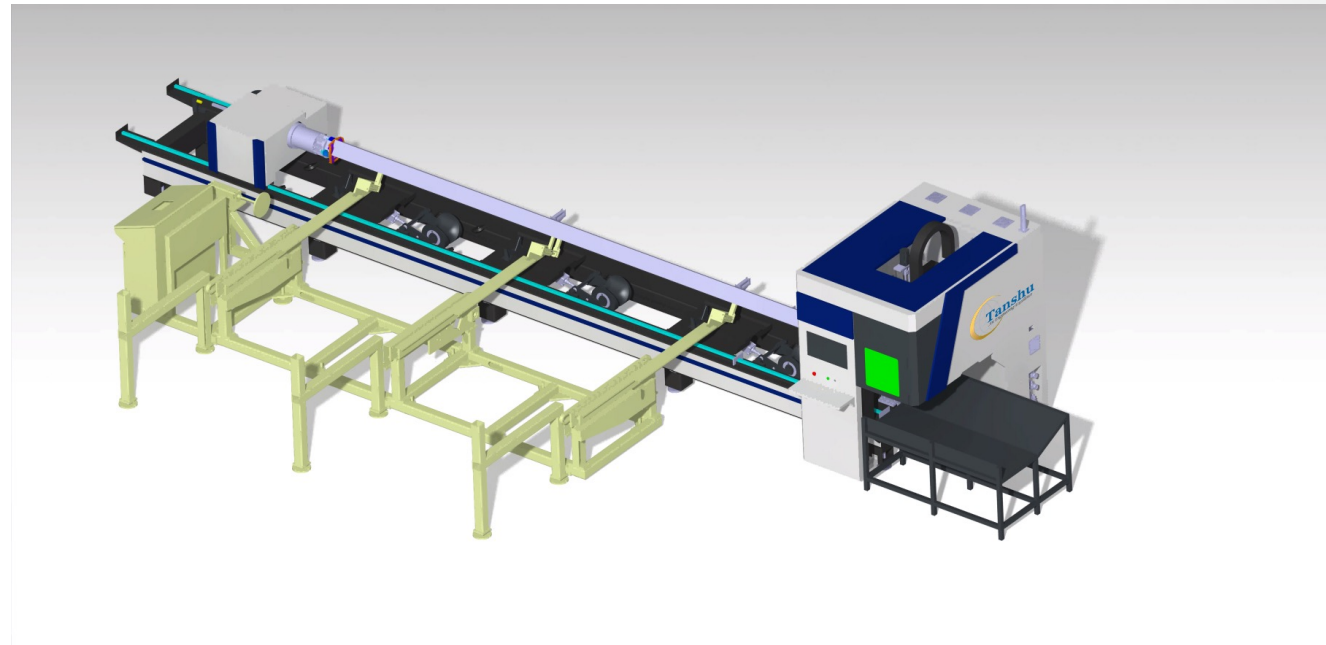
Advantages:

1. Three pneumatic chucks
2. Zero tailing

Products Models:

Model	2060YS
Max tube length(mm)	6000
Machine dimension(mm)	16500 x 5500 x 2950
Round tube(mm)	20-220
Square tube(mm)	20-150

Semi-automatic loading device (Option)



Note:

A semi-automatic loading device can be used for loading square tubes, round tubes, rectangular tubes, and other shapes that need to be manually loading

During the operation, necessary manual assistance is needed, tubes need to be placed manually on the loading platform and will be transported to the machine by the loading device.

Min. length of single tube	mm	5000
Max. length of single tube	mm	6000
Max. weight of single tube	kg	200
Max. load of tube storage	kg	3000

Full Automatic Loading System (Option)



Note:

Loading time: 1st pipe 70s for round tube, 100s for square tube, from 2nd 58s (from waiting area)
Automatic loading is only suitable for regular tube-like round pipes, square pipes and rectangle pipes, not suitable for unregular tubes like oval, triangle, C and so on.

Min. length of single tube	mm	4500
Max. length of single tube	mm	6000
Max. weight of single tube	kg	200
Max. load of tube storage	kg	3000



Coil Fed Laser Cutting Machine Introduction

If you're looking for details about Coil Fed Laser Cutting Machines, please visit our Tanshu Representative or website at www.tanshaustralia.com.au.

Coil Fed Laser Cutting Machine

Decoiler, Straightener, Rolling Table

Technical Parameter

Max. running speed	100m/min
Max. acceleration:	0.8G
X/Y positioning accuracy:	0.03mm/m
X/Y repeated positioning accuracy:	0.02mm/m
Working voltage:	380V/50HZ/60HZ
Laser power:	1kw-6kw
Machine running environment:	0-40°



Model I: Black conveyor

Model II: Vacuum Lift unloading

Products Models:

Model	1530RJ
Cutting area(mm)	3000 x 1500
Machine dimension(mm)	24000 x 6000 x 3000

Advantages:

1. Save labour costs
2. Suitable for thin coil steel
3. Save material costs
4. High utilisation rate



Handheld Laser Welding Machine

If you're looking for details about Handheld Laser Welding Machines, please visit our Tanshu Representative or website at www.tanshuaustralia.com.au.



Hand Held Laser Welding Machine 1KW to 3KW

Welding Cutting and Cleaning for Option

Technical Parameter

Working voltage: 1kw to 2kw-220V, 50HZ
 3kw-380V, 50HZ

Laser power: 1kw-3kw

Machine running environment: 0-40°

Machine weight: 130kg



Auto wire feeder



Products Models:

Model	1000W	1500W	2000W	3000W
Stainless steel welding thickness(mm)	0.3-2	0.3-3	0.3-4	0.3-8
Carbon steel welding thickness(mm)	0.3-1.5	0.3-2.5	0.3-3.5	0.3-7
Machine dimention(mm)	985 x 680 x 710			

Advantages:

1. German brand cylinder valve
2. Italy brand GIVI grating scale
3. Heat treatment machine body
4. Netherlands Delem system

Products Models:



Model	WF67K-80T/2500	WF67K-110T/3200	WF67K-160T/3200	WF67K-160T/4000
Normal Force(KN)	80	110	160	160
Bending length(mm)	2500	3200	3200	4000
Distance between columns(mm)	1960	2750	2750	3340
Slider stroke(mm)	165	200	200	200
Slider down speed(mm/s)	160	160	130	130
Slider return speed(mm/s)	110	100	90	90
Max. opening height(mm)	460	490	490	490
Depth of throat(mm)	380	400	420	420
Control system	CT8 or DA53T			
Number axis	4+1(Y1+Y2+X+R+Crowing)			
Back gauge stroke (mm)	500	500	500	500
Back gauge speed (mm/s)	200	200	200	200



Tanshu – “An Engineering Excellence”

An engineering excellence is just not a slogan!

It is the commitment of Tanshu to support our customers by providing **QUALITY** machinery and equipment at an acceptable **COST**.

Tanshu will arrange international freight, local clearance, **DELIVERY**, unloading and installation of the new machinery.

SERVICE & SUPPORT with local engineers available 24/7.

Quality – Machinery and equipment.

Cost – Acceptable to the customer.

Delivery – On time and installed in your facility.

Service & Support – 24/7 local engineers to service and maintain.