METAL TUBE CUTTING

ANY COMPLEX GRAPHICS PROCESSING

AUTOMATIC CONTINUOUS FEEDING

Centralized operation, fast and precise cutting

Pipe supports protects long tube from deformation

Any complex graphics processing, automatic continuous feeding

MT-6000
MORN LASER
MT-6000

CENTRALIZED OPERATION FAST AND PRECISE CUTTING

METAL TUBE CUTTING

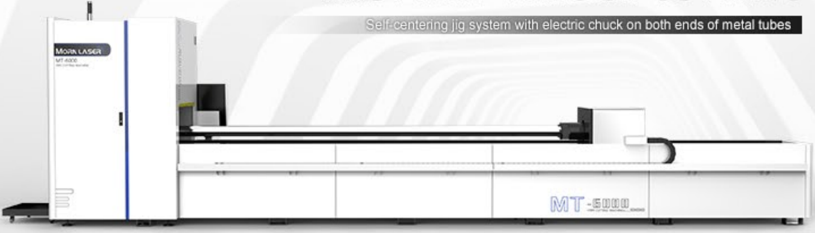
Self-centering jig system with electric chuck on both ends of metal tubes

MT-6000
MORN LASER
MT-6000

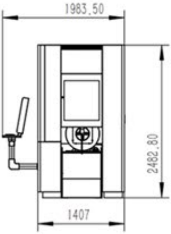
CENTRALIZED OPERATION

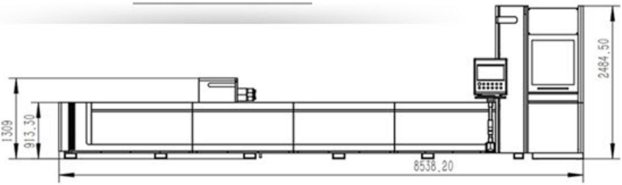
FAST AND PRECISE CUTTING

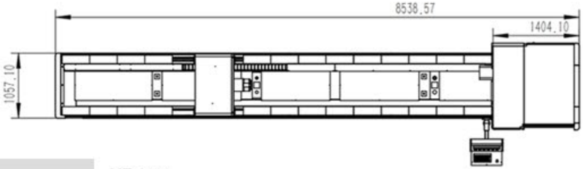
Self-centering jig system with electric chuck on both ends of metal tubes



MACHINE PARAMETERS



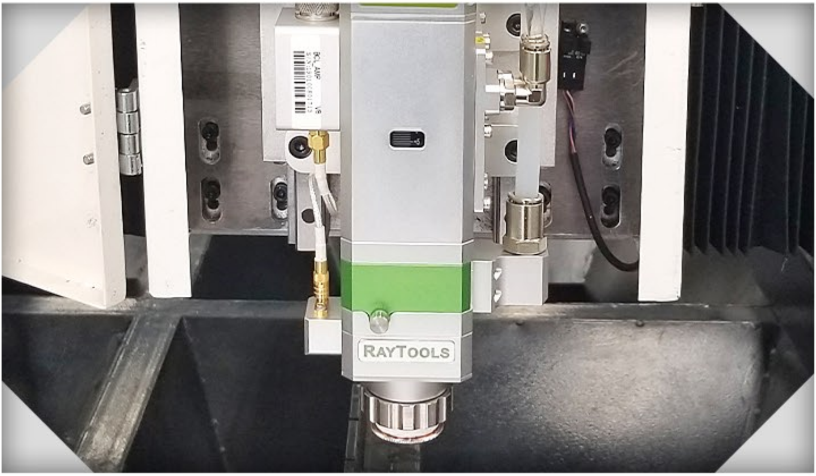




Equipment model	MT-6000
Laser type	Fiber laser generator
Laser wavelength	1064nm
Rated output power	500w-12000w
Effective Pipe Cutting Length	6000mm
Effective Pipe Cutting Diameter	Φ20-200mm (depends on customer requirements)
Workbench Repositioning Accuracy	≤±0.02mm
Beam quality	＜0.373mrad
Cutting Speed	Depend on material and thickness
Cutting head	Switzerland Raytools laser head

Drive system	Japan Yaskawa servo motor and driver, Shimpo reducer
Water chiller	Industrial water chiller
Control system	Cypcut
Electrical requirements	3 Phase AC 380V 50Hz

MACHINE DETAILS



SWITZERLAND RAYTOOLS CUTTING HEAD

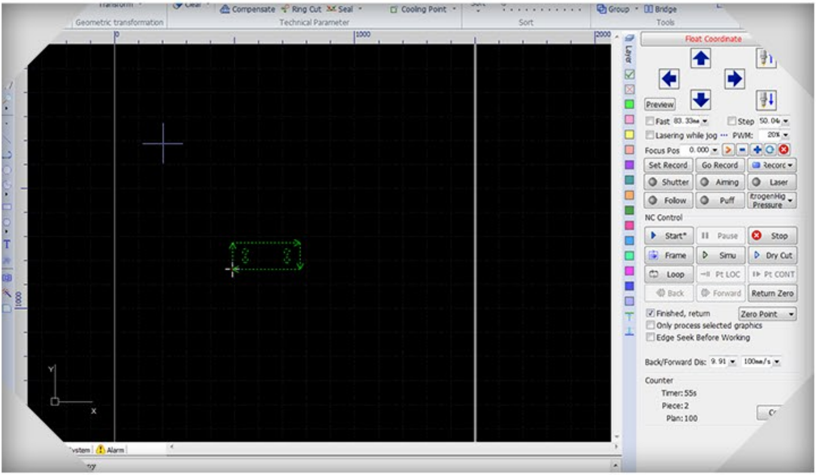
1.High Efficiency Cooling　2.Auto-focusing
3.High-Speed Piercing &Cutting　4.High Power Rating　5.Portable and Durable
Optional：(LASERMECH,PRECITEC)

100,000 HOURS OF LIFETIME--RAYCUS LASER SOURCE

- Free maintenance;
- High electro-optical conversion efficiency (up to 25-30%), excellent beam quality, high energy density, and reliability, a wide modulation frequency;
- Low energy consumption, only 20%-30% of the traditional CO2 machine.
- Optional(IPG)

HIGH RIGIDITY ENHANCED LATHE BED

- 30 days' strict manufacturing process, high-temperature annealing treatment to eliminate weld seams and bed stress;
- 72h vibration aging treatment, high strength, rigidity, tensile strength, non-deformation within 20 years;
- High purity steel plate with thickness of 10mm, heavy chassis.



☐ Fast 83.33mm
☐ Step 50.04
☐ Lasering while jog ··· PWM: 20%
Focus Pos 0.000
NC Control
☑ Finished, return Zero Point
☐ Only process selected graphics
☐ Edge Seek Before Working
Back/Forward Dis: 9.91 100mm/s
Counter
Timer: 55s
Piece: 2
Plan: 100

USER-FRIENDLY HUMAN-MACHINE INTERACTION --CYPCUT LASER CUTTING SYSTEM

- Simple, economical, practical and convenient;
- Highly integrated and highly intelligent with file reading, design, output and processing control all in one.

S&A
特域机电
CWFL-6000

INTELLIGENT DUAL TEMPERATURE DUAL CONTROL--S&A INDUSTRIAL WATER CHILLER

- Automatically adjust the temperature according to different working environment, no need to change settings parameters;
- Multiple alarm protection;
- CE certification; RoHS certification; REACH certification.

WORLD CLASS PARTS

JAPAN YASKAWA SERVO MOTOR

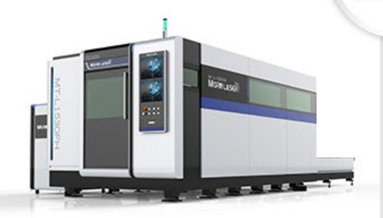
YYC RACK AND PINION

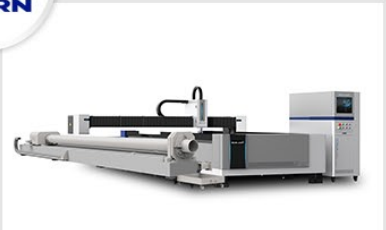
PMI SLIDE RAIL

ASSOCIATED MACHINE

MT-L1530F

MT-L1530FE

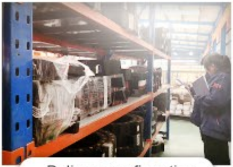

MT-L1530FH


MT-L1530FR

MACHINE ORDER PROCESS

Confirmation of customer requirements by 3D drawing

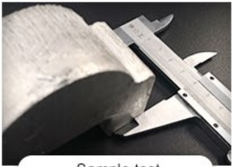
Parts warehousing inspection


Delivery confirmation

Machine process

Debug the machine

Material Cutting Test

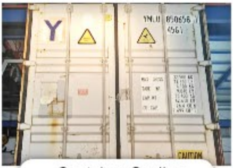

Sample test

Machine cleaning

Package and delivery

Received good comments from customers

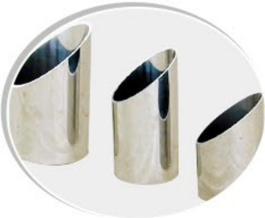
Transportation tracking



Container Sealing

METAL TUBE SAMPLE

Round tube cutting sample



Round tube cutting sample

Round tube cutting sample

Square tube cutting sample

Square tube cutting sample

Square tube cutting sample

Round tube cutting model

Round tube cutting model

Square tube cutting model

MACHINE APPLICATION

Aerospace industry

Automobile manufacture industry

Hardware tool industry

Kitchenware

Mechanical industry

Metal processing industry

Metallurgical equipment industry

Precision parts machinery

Shipping industry

MANUAL

SOFTWARE USER GUIDE

MAINTENANCE MANUAL

USER MANUAL

INSTALLATION MANUAL

COMPANY PROFILE

JINAN MORN TECHNOLOGY CO., LTD.

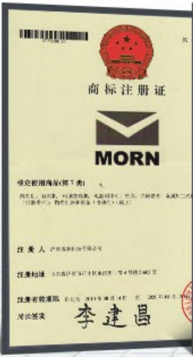
Jinan MORN Technology, CO., Ltd was established for laser products manufacturing.
All MORN products are certified by CE and FDA authority, and each of them undergoes a rigorous production assembly and quality inspection process. MORN has been equipped with a line of advanced and professional production workshop to keep pace with modern laser techniques.
After 20 years of research and development on laser machine manufacturing technology, MORN laser machine series have covered fiber laser marking machine ,fiber laser cutting machine,fiber laser welding machine as well. These high-precision and fast-speed fiber laser machines have now become the major metal processing equipment.
At the same time of ensuring quality, MORN's productivity has also increased significantly year by year. Integrating with the advantages of overseas warehouse, improved logistics system and professional marketing services, MORN laser equipment has won trust and support of the worldwide customers, and has now been exported to over 155 countries.
"Customer First" is our consistent pursuit to grow into a leading laser machine manufacturer.

ABOUT US

MORN
盟泰科技
MORN GROUP LIMITED

DEPT.4
DO THE RIGHT THI
TO BE THE CHA

OUR CERTIFICATE



商标注册证

MORN

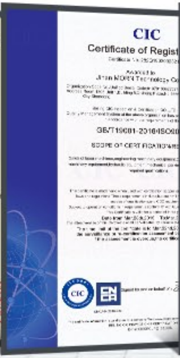
核定使用商品(第7类)

注册人

注册地址

注册有效期限

局长签发 李建昌



CIC

Certificate of Regist

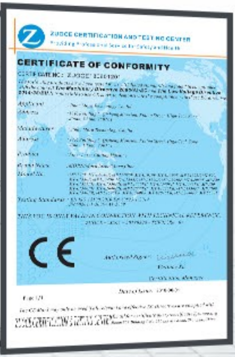
Awarded to

Jinan MORN Technology Co

GB/T19001-2016/ISO9

SCOPE OF CERTIFICATION

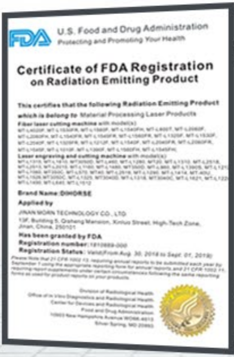
WIPO | MADRID



ZUCCE CERTIFICATION AND TESTING CENTER

CERTIFICATE OF CONFORMITY

CE



U.S. Food and Drug Administration
Protecting and Promoting Your Health

Certificate of FDA Registration on Radiation Emitting Product

This certifies that the following Radiation Emitting Product which is belong to Material Processing Laser Products

Fiber laser cutting machine with model(s)

Laser engraving and cutting machine with model(s)

Brand Name: DIHORSE

Applied by

JINAN MORN TECHNOLOGY CO., LTD
13F, Building 5, Qisheng Mansion, Xinluo Street, High-Tech Zone, Jinan, China, 250101

Has been granted by FDA
Registration number: 1810889-000
Registration Status: Valid(From Aug. 30, 2018 to Sept. 01, 2019)

Division of Radiological Health
Office of In Vitro Diagnostics and Radiological Health
Center for Devices and Radiological Health
Food and Drug Administration
10903 New Hampshire Avenue WO66-4613
Silver Spring, MD 20993

States of America
United States Patent and Trademark Office

MORN

Supplier Assessment

Supplier Assessment Certificate

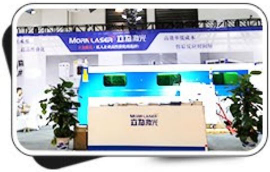
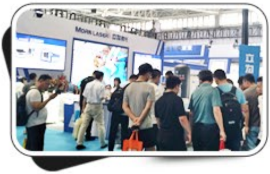
Jinan Morn Technology Co., Ltd.
济南墨泰科技有限公司

实用新型专利证书

TEAM

EXHIBITION

济南盟泰科技
MORN
MORNLASER MAGIC LASER
2019 Fiber product s
Becoming ou
MORN


MORN LASER 立为激光


WHY CHOOSE US

Alibaba Authentication Enterprise

12 Years Export Experience

20 Years Manufacture Experience

OEM&ODM Service

24 Hours Online Service

Dealer network all over the world

FAQ

1.What materials can fiber laser cut?

All kinds of metals, such as Stainless Steel, Carbon Steel, Mild Steel, Galvanized Steel, Aluminum, Copper, etc.

2.What is your Fiber Laser Cutting Machine Advantages?

Top-rated laser source: stable beam quality, long service life;
User-friendly control system: Easy to use, even a green hand can get started quickly;
Exceptional service: quick response, lifelong after-sales service, we are still serving customers' who have built relationship with us for more than 10 years;

3.Do You Have Agents or Distributors in Our Country?

We have end users all over the world.At present, we have sole agency in USA, Philippines, Romania and Poland agents.If you are interested in agency cooperation, please contact us for detailed agency policy.

4.Are you a factory or a trading company?

We are a factory.

5.When I got this machine, but I don’t know how to use it. What should I do?

We will provide user manual and video of the machine. In addition, our engineer can also provide training online. If necessary, we can also provide door-to-door service

6.If some problems happen to this machine during the warranty period, what should I do?

We will provide 3-Year Warranty, and will supply free parts during the machine warranty period if the machine has some problems. We also supply free life long after-sales service. Thus, any problems, just feel free to let us know, we will provide you solutions.

7.How to make the payment and how about the delivery time?

We accept to make the payment by T/T, Credit Card ,Online Bank Payment, PAYPAL,Boleto, Pay Later etc.
Lead time 7-12 working days for the standard machine;
Lead time 15-20 working days for a non-standard machine.