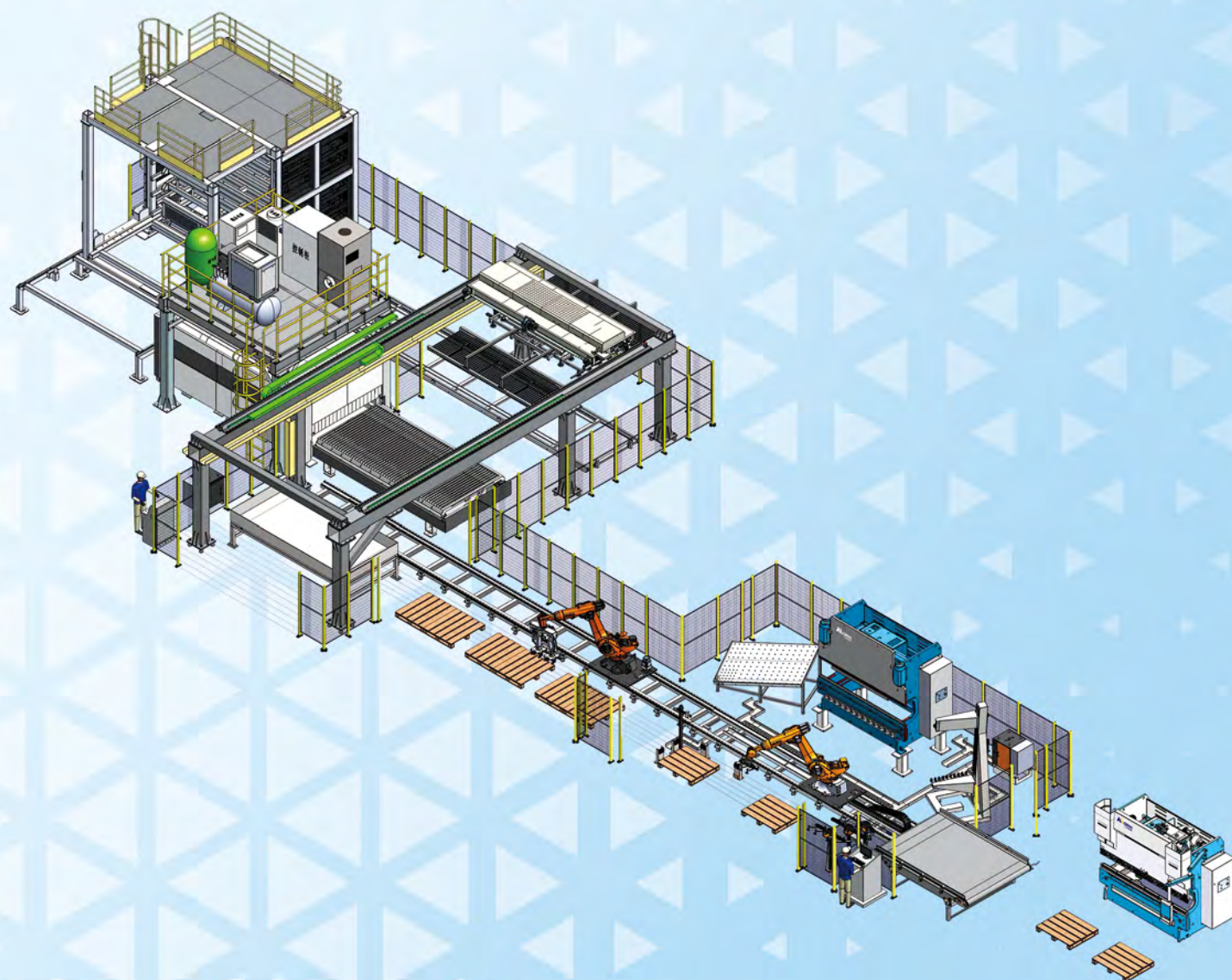




**SET THE STANDARD OF  
EXCELLENCE**



# SMART MANUFACTURING LEADS THE FUTURE

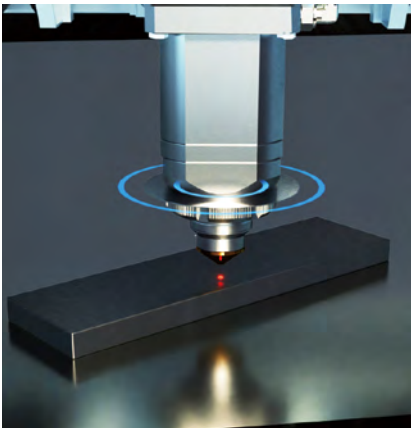
An intelligent factory offering a one-stop,comprehensive  
CNC metal processing solution,  
leading smart manufacturing in the Industry 4.0 era.

FULL COVER FIBER LASER CUTTING MACHINE

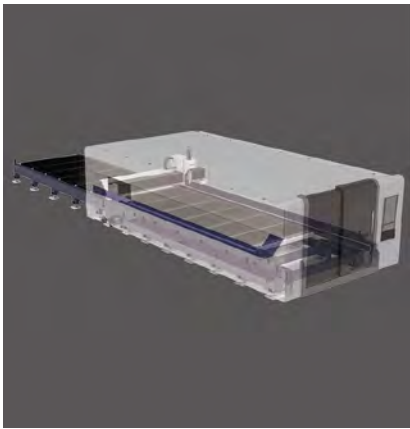


Efficient and high-quality cutting of various metal plates

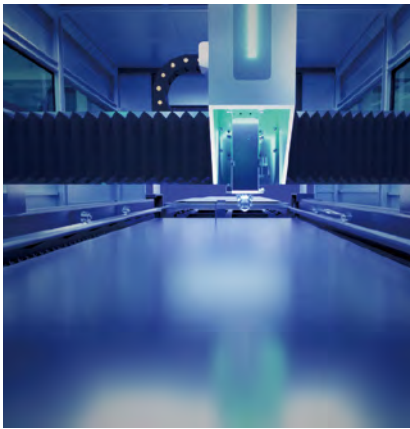
- Safe and clean production
- Zoned smoke exhaust system
- High speed double platforms exchanging



Avoid Collision in Travel



Fully Enclosed Design



Ultra Large Cutting Area

Performance advantages

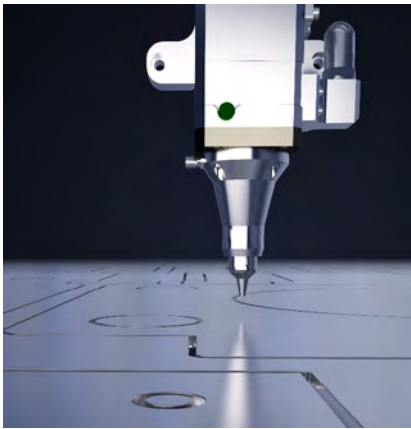
- A fully enclosed structure with state-of-the-art dust removal system, every detail promises a safe and pollution-free environment;
- Each heavy-duty strengthened burn-proof manganese steel sheet welding bed goes through 600°C high temperature annealing, vibration aging and natural aging, ensuring long period and stable operation;
- Top-notch servo drive systems allow high accuracy, fast speed cutting and stable operation;
- Intuitive operation system with touch control simplifies your laser cutting process, delivering a compatible, flexible and efficient processing;
- World-class laser ensures stable light output and low electricity consumption;
- An Intelligent cutting head brings the highest quality and productivity, cutting speed increased by up to 25%. Built-in sensors facilitate regular maintenance and effective usage of spare parts.

Machine parameters

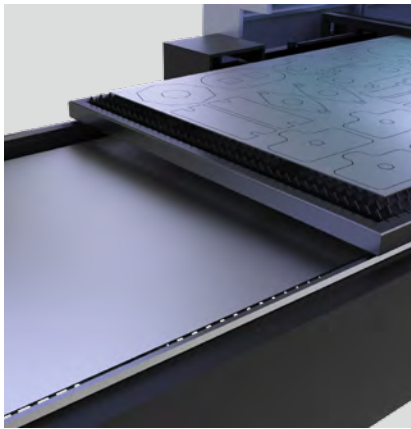
| Model                      | MT-L1530FH   | MT-L2040FH  | MT-L2560FH  | MT-L20120FH  | MT-L25120FH  |
|----------------------------|--------------|-------------|-------------|--------------|--------------|
| Cutting Area(Customizable) | 3000*1500mm  | 4000*2000mm | 6000*2500mm | 12000*2000mm | 12000*2500mm |
| Laser Power                | 1000W-60000W |             |             |              |              |



Intelligence Control System



Auto Focus Laser Head



Exchange Table

Performance advantages

- With an integrated design, no disassembly is needed for delivery, and it can be directly put into a container, saving shipping cost;
- Dual pallets exchange keeps your production flowing smoothly and efficiently with low operating cost;
- Intelligent cutting head can automatically focus quickly and accurately when cutting, which makes cutting easier and helps improve work efficiency;
- Equipped with observation window and intelligent monitoring system, real-time monitoring of production process to ensure production safety;
- The working bed is annealed at high temperature to eliminate the stress caused by welding, achieve better shock absorption effect, and effectively reduce the error caused by vibration during cutting.

Machine parameters

| Model        | MT-L1530FH   |
|--------------|--------------|
| Cutting Area | 3000*1500mm  |
| Laser Power  | 1000W-12000W |

FULL ENCLOSED FIBER LASER CUTTING MACHINE



Integrated design allows direct container loading

- Stable output
- Cost saving
- Safe production

# FIBER LASER CUTTING MACHINE WITH SEPARATED PLATFORM

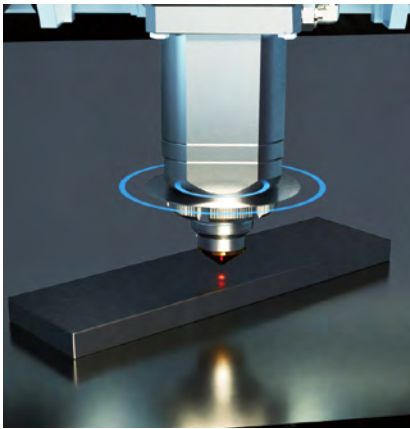


Unlimited Cutting of large metal sheet

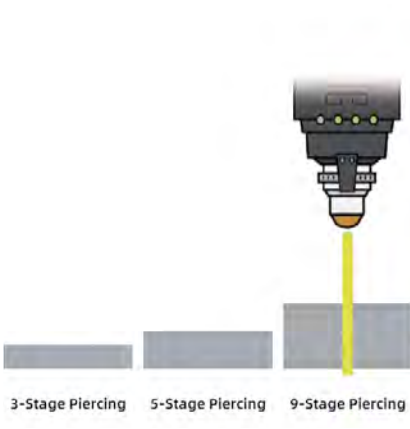
- Stable structure
- Ultra-large format
- Efficient processing



Ultra Large Cutting Area



Avoid Collision in Travel



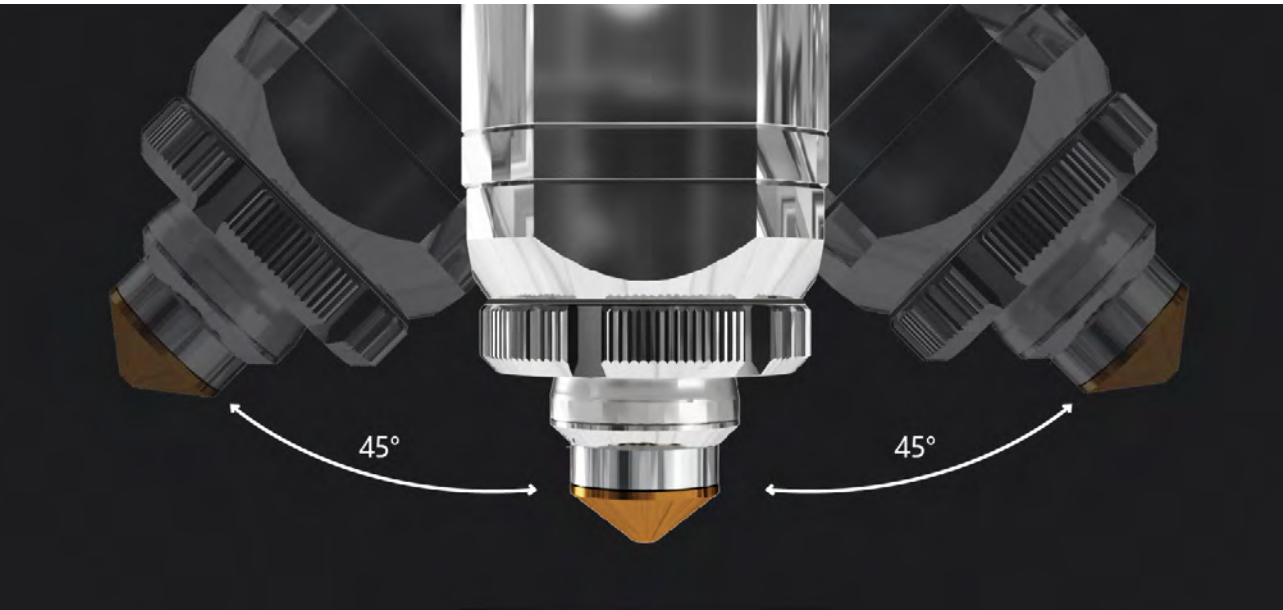
9-Stage Piercing

## Performance advantages

- The machine bed, which is separated with a platform, solely supports the gantry and laser head, ensuring it remains deformation-free;
- Intuitive operation system simplifies your laser cutting process, delivering a compatible, flexible and efficient processing;
- World-class laser ensures stable light output and low electricity consumption;
- Top-notch servo drive systems allow high accuracy, fast speed cutting and stable operation;
- An optional bevel cutting head is available to achieve  $\pm 45^\circ$  bevel cutting and form multiple bevels at one time.

## Machine parameters

| Model                      | MT-L2560F MT-L20120F MT-L25120F MT-L31140F         |
|----------------------------|----------------------------------------------------|
| Cutting Area(Customizable) | 6000*2500mm 12000*2000mm 12000*2500mm 14000*3100mm |
| Laser Power                | 3000W-60000W                                       |



Make Perfect Bevel in One-time

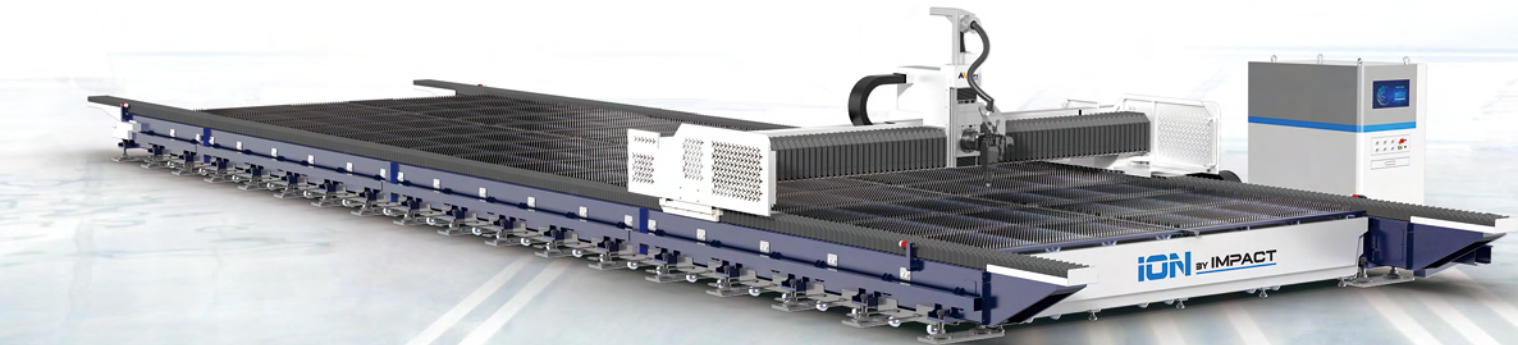
Performance advantages

- Make bevel cuts in just one shot with angle within 0-45°;
- Super high power cutting head equipped with intelligent control system, greatly reduce production cost;
- Triangular crossbeam strengthens machine stability;
- Each heavy-duty strengthened burn-proof manganese steel sheet welding bed goes through 600°C high temperature annealing, vibration aging and natural aging, ensuring long period and stable operation;
- World-class laser ensures stable light output and low electricity consumption.

Machine parameters

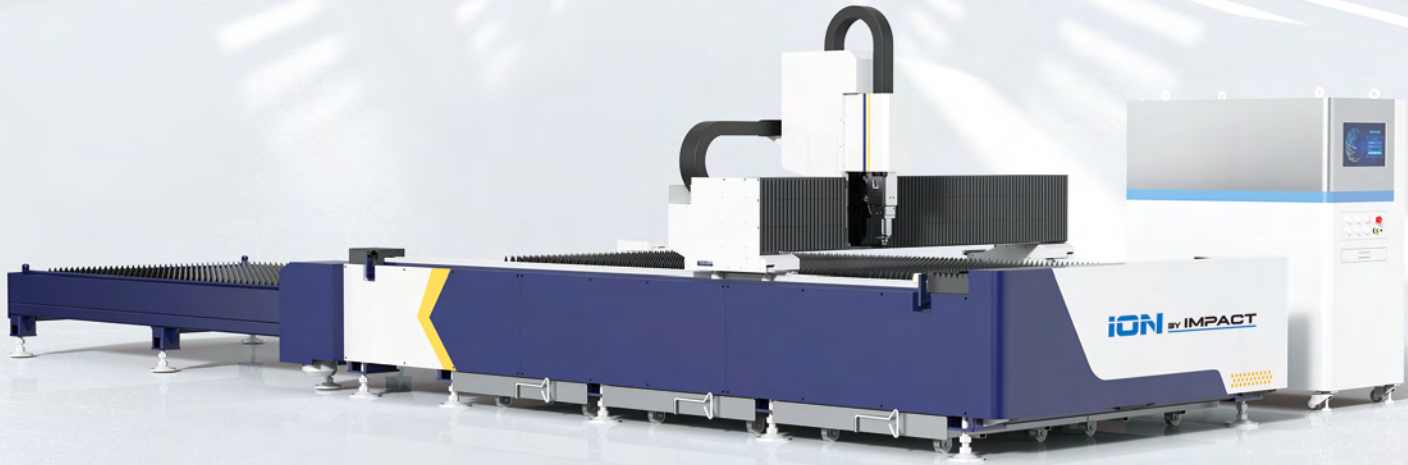
| Model                      | MT-L1530F MT-L2040F MT-L2560F MT-L20120F MT-L25120F MT-L31140F             |
|----------------------------|----------------------------------------------------------------------------|
| Cutting Area(Customizable) | 3000*1500mm 4000*2000mm 6000*2500mm 12000*2000mm 12000*2500mm 14000*3100mm |
| Laser Power                | 2000W-60000W                                                               |
| Bevel angle                | ±45° (Expandable)                                                          |

BEVEL LASER CUTTING MACHINE



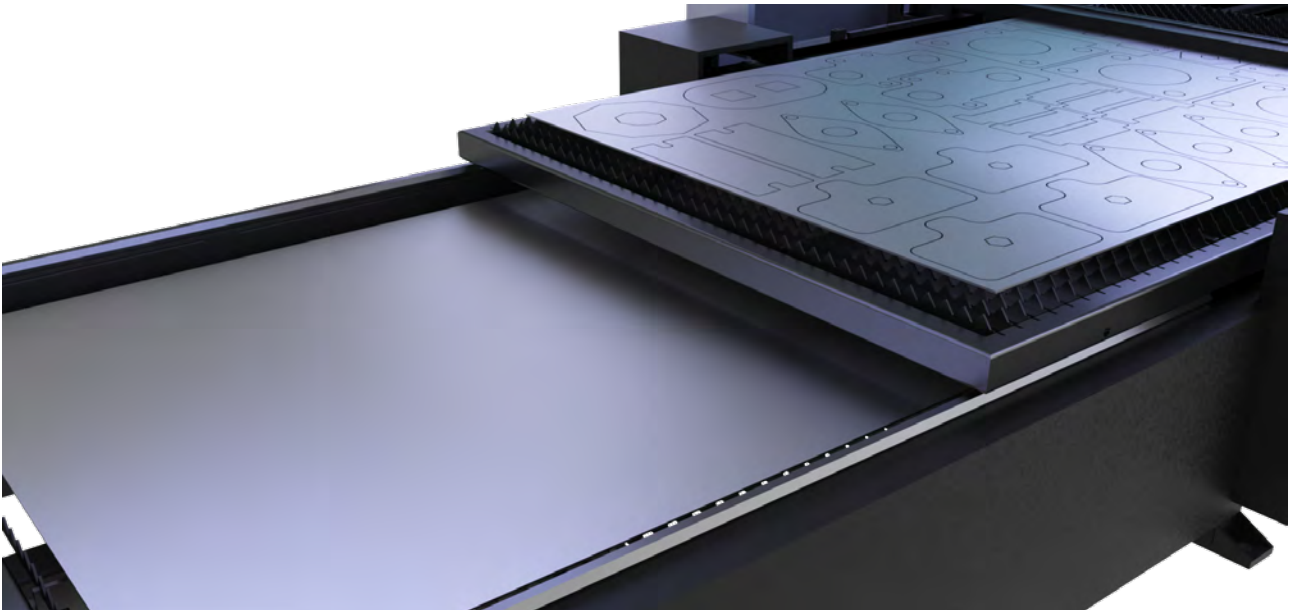
- X-type, Y-type, V-type bevels formed in one shot
- Improve efficiency by 75%
  - Precision processing
  - One-shot bevel

# EXCHANGE TABLE FIBER LASER CUTTING MACHINE



Efficient and high-quality cutting of various metal plates and high-reflective materials

- Dual-table rapid exchange
- Safety light curtains
- High processing efficiency



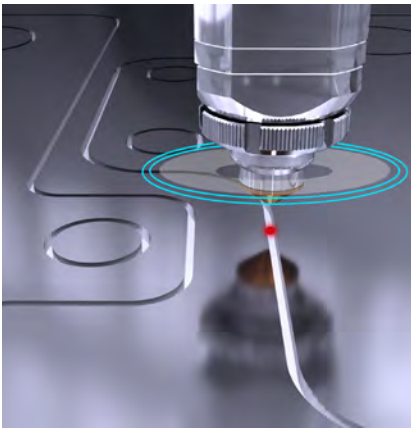
Exchange Table

## Performance advantages

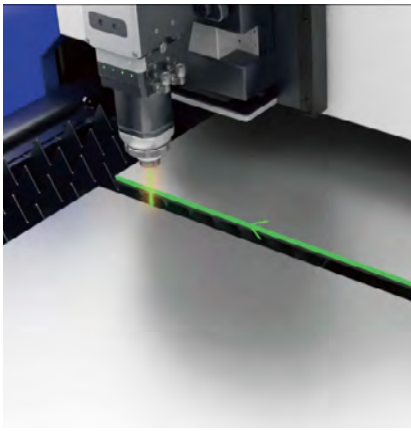
- The machine bed's loading capacity is mainly supported at the bottom by two rows of feet, instead of its sides, which helps prevent deformation;
- Dual pallets exchange keeps your production flowing smoothly and efficiently with low operating cost;
- Top-notch servo drive systems allow high accuracy, fast speed cutting and stable operation;
- World-class laser ensures stable light output and low electricity consumption;
- Intuitive operation system with touch control simplifies your laser cutting process, delivering a compatible, flexible and efficient processing;
- An Intelligent cutting head brings the highest quality and productivity, cutting speed increased by up to 25%. Built-in sensors facilitate regular maintenance and effective usage of spare parts.

## Machine parameters

| Model                      | MT-L1530FE   | MT-L2040FE  | MT-L2560FE  | MT-L20120FE  | MT-L25120FE  |
|----------------------------|--------------|-------------|-------------|--------------|--------------|
| Cutting Area(Customizable) | 3000*1500mm  | 4000*2000mm | 6000*2500mm | 12000*2000mm | 12000*2500mm |
| Laser Power                | 1000W-60000W |             |             |              |              |



Auto Focus Laser Head



Quick CutOff



FlyCut

### Performance advantages

- Each heavy-duty strengthened burn-proof manganese steel sheet welding bed goes through 600°C high temperature annealing, vibration aging and natural aging, ensuring long period and stable operation;
- Ultra-high tensile aviation aluminum beam presents better dynamic performance than its counterparts on the market;
- Safety gratings are added to the crossbeam to ensure the production safety of operators;
- Intuitive operation system with touch control simplifies your laser cutting process, which is more compatible, more flexible and efficient in processing;
- Top-notch servo drive systems allow high accuracy, fast speed cutting and stable operation;
- An Intelligent cutting head brings the highest quality and productivity, cutting speed increased by up to 25%. Built-in sensors facilitate regular maintenance and effective usage of spare parts.

### Machine parameters

| Model                      | MT-L1530F MT-L2040F MT-L2560F       |
|----------------------------|-------------------------------------|
| Cutting Area(Customizable) | 3000*1500mm 4000*2000mm 6000*2500mm |
| Laser Power                | 1000W-60000W                        |

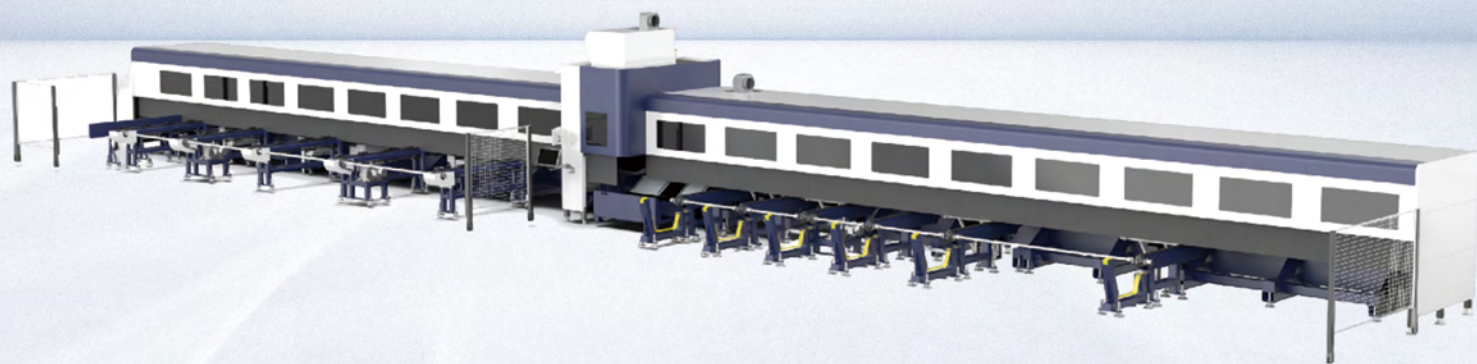
## SHEET FIBER LASER CUTTING MACHINE



Efficient and precise cutting of medium and thin plates

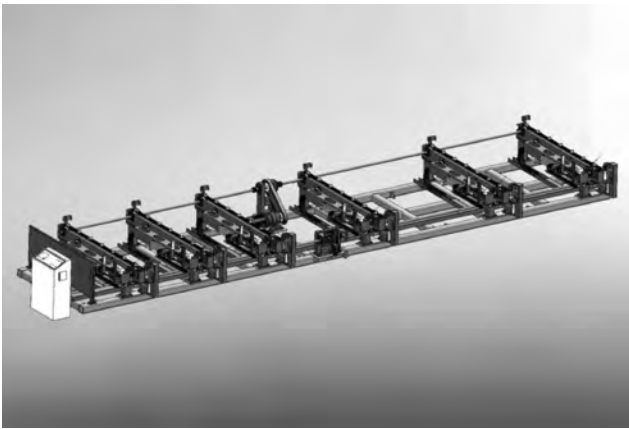
- Auto-focusing laser head
- Automatic edge detection
- Intelligent typesetting

HEAVY DUTY TUBE LASER CUTTING MACHINE

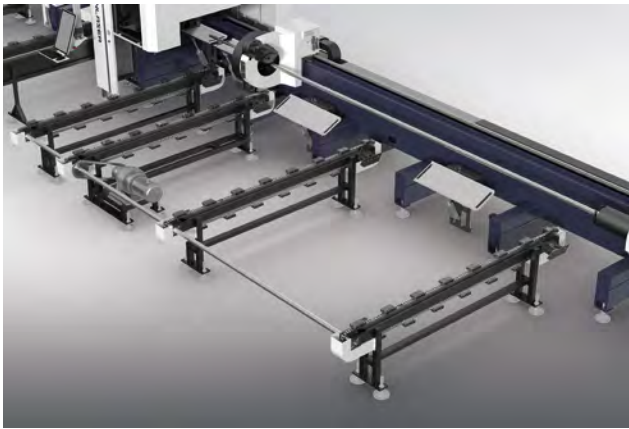


Accurately cut square tubes, round tubes, special-shaped tubes

- Intelligent 4-chuck technology
- Truly zero tailing
- Auto loading and unloading system



Automatic Loading System



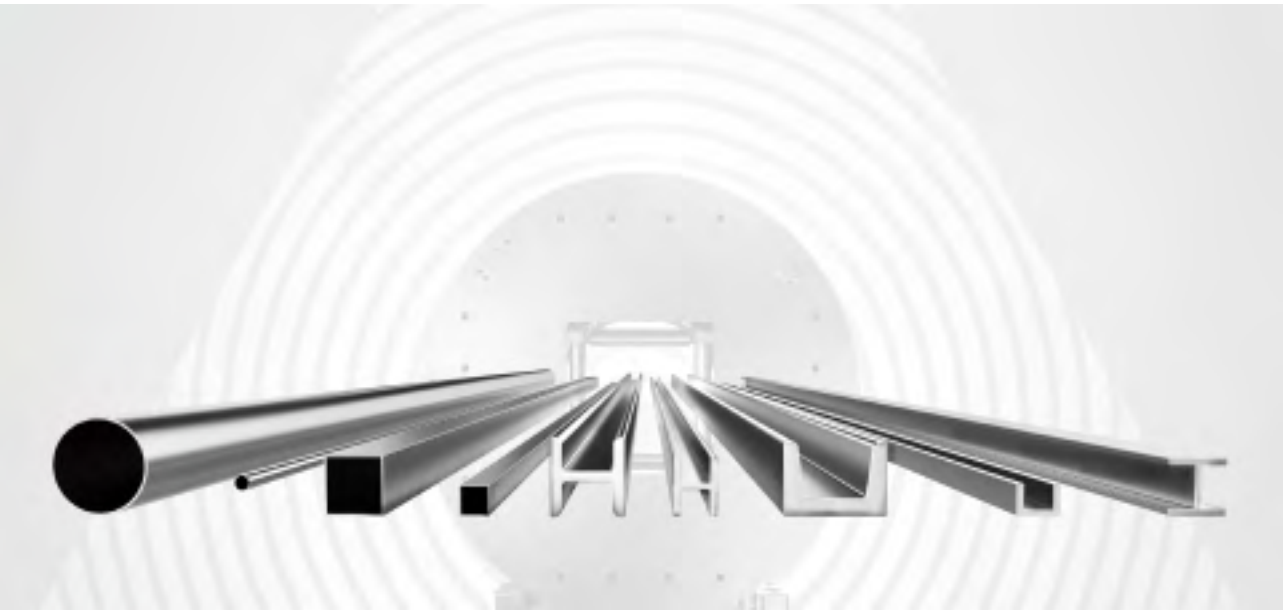
Automatic Unloading System

Performance advantages

- Innovative four-chuck design features large clamping force to easily and stably clamp heavy duty and long tubes;
- Pneumatic roller supports avoid deformation of the long tube during cutting operation;
- Multi-clamping modes enables zero tailing of tube cutting, improving material utilization rate and saving costs;
- One-click cutting resume at breakpoint after power failure;
- Automatic loading and unloading mechanisms guarantee powerful efficiency.

Machine parameters

| Model                   | MT-6000 MT-9000 MT-12000            |
|-------------------------|-------------------------------------|
| Laser Power             | 1000W-20000W                        |
| Max.Linkage Speed       | 80m/min                             |
| Tube Diameter           | φ20mm-160mm/200mm/350mm/500mm/680mm |
| Tube Length             | Standard 6m/9m/12m                  |
| Max. Acceleration Speed | 0.8G                                |



Wide Range of Processing Capacity

Performance advantages

- Strong clamping ability for over-size tubes, effectively clamping square tubes, round tubes, waist tubes, D-shaped tubes, hexagonal tubes and other special-shaped tube;
- Helical gear transmission delivers higher transmission efficiency with hardly any noise;
- Automatic feeding device avoids deformation during the cutting of long tubes, ensuring tube cutting stability;
- Innovative three-chuck clamping automatically adjusts the clamping force according to the sizes of the tubes to avoid deformation of the tube, improving stability, efficiency, and relieving labor intensity;
- Automatic loading and unloading mechanisms guarantee powerful efficiency.

Machine parameters

| Model                   | MT-6000 MT-9000 MT-12000            |
|-------------------------|-------------------------------------|
| laser Power             | 1000W-20000W                        |
| Max.Linkage Speed       | 80m/min                             |
| Tube Diameter           | φ20mm-160mm/200mm/350mm/500mm/680mm |
| Tube Length             | Standard 6m/9m/12m                  |
| Max. Acceleration Speed | 0.8G                                |

THREE-CHUCK TUBE FIBER LASER CUTTING MACHINE



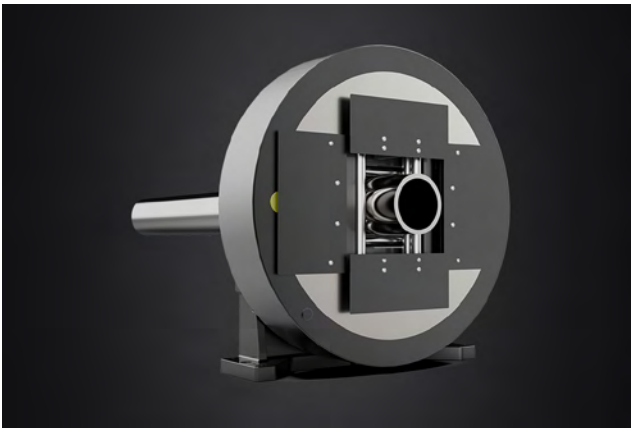
- Accurately cut square tubes, round tubes, special-shaped tubes
- Innovative 3-chuck technology
  - One-click clamping technology
  - Zero tailing cutting

SIDE-MOUNTED TUBE LASER CUTTING MACHINE



Accurately cut square tubes, round tubes, special-shaped tubes

- High cost performance
- High precision
- Fast speed



Pneumatic Self-Centering Chuck



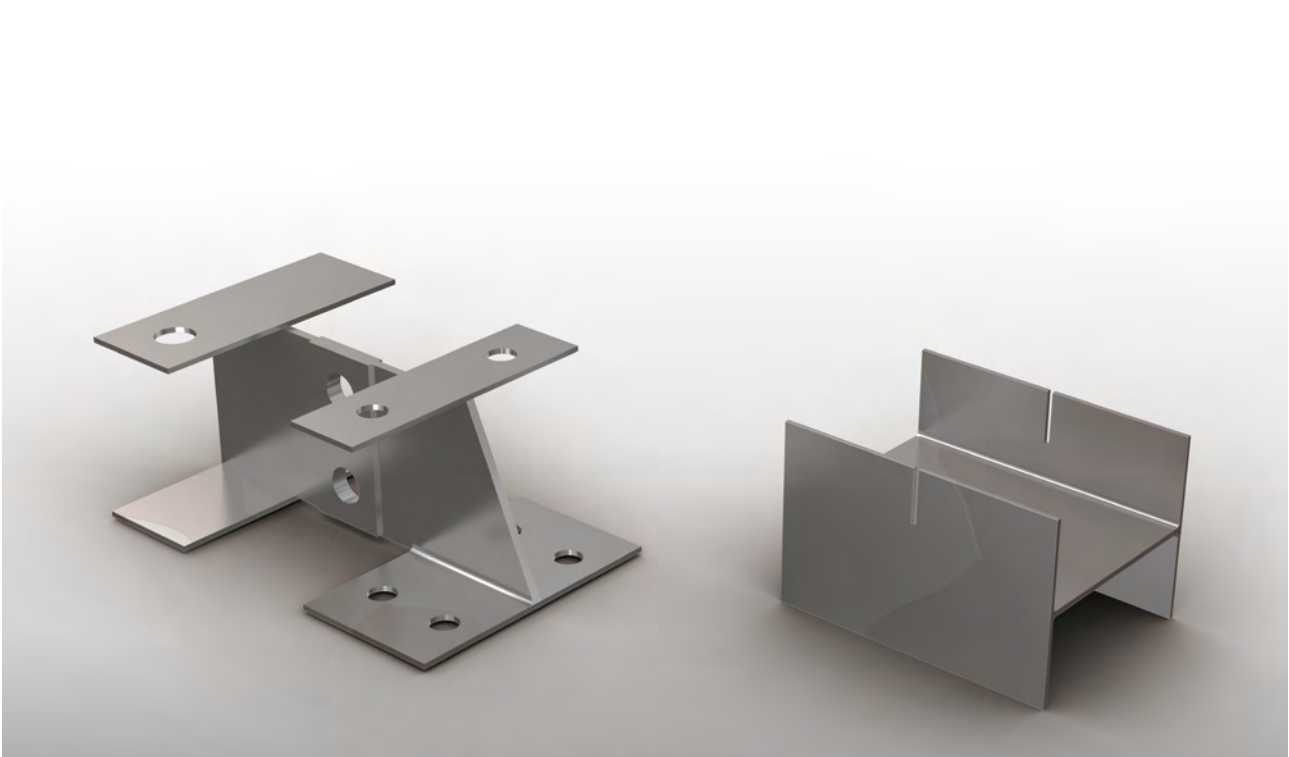
Safe and Clean Cutting Environment

Performance advantages

- Economical and practical, simple structure, low failure rate, easy to operate and learn;
- With super large tube diameter and strong clamping ability, it can effectively clamp and cut metal tubes such as square tubes, round tubes, D-shaped tubes, hexagonal pipes, etc;
- Automatic loading system is optional, saving labor;
- Automatic support device solves the deformation problem during long tube cutting;
- Helical gear transmission, higher transmission efficiency and no noise.

Machine parameters

| Model                      | MT-6000 MT-9000 MT-12000 |
|----------------------------|--------------------------|
| Laser Power                | 1000W-20000W             |
| Max.Linkage Speed          | 70m/min                  |
| Tube Diameter              | φ20mm-160mm/200mm/350mm  |
| Tube Length (Customizable) | Standard 6m/9m/12m       |
| Max. Acceleration Speed    | 0.8G                     |



Wide Processing Range and Rich Technology

### Performance advantages

- Developed specifically for efficient cutting of I-beams, channel steels and other profile steels. The cutting range, metal size and load-bearing capacity have been greatly improved;
- It can automatically apply different materials and thicknesses according to user settings and match different process parameters;
- It can realize marking, web piercing, overweld hole cutting, bevel cutting, cutoff and other processes;
- Cutting parameters can be adjusted in real time during the cutting process, supporting workpieces surface height tracking control,  $\pm 45^\circ$  bevel cutting, switching between multiple cutting modes, and switching between various perforation methods.

### Machine parameters

| Model                                         | MT-H45100 MT-H50120   |
|-----------------------------------------------|-----------------------|
| Profile Steel Processing Range (Customizable) | 450*1000mm 500*1200mm |
| Laser Power                                   | 12000W / 20000W       |

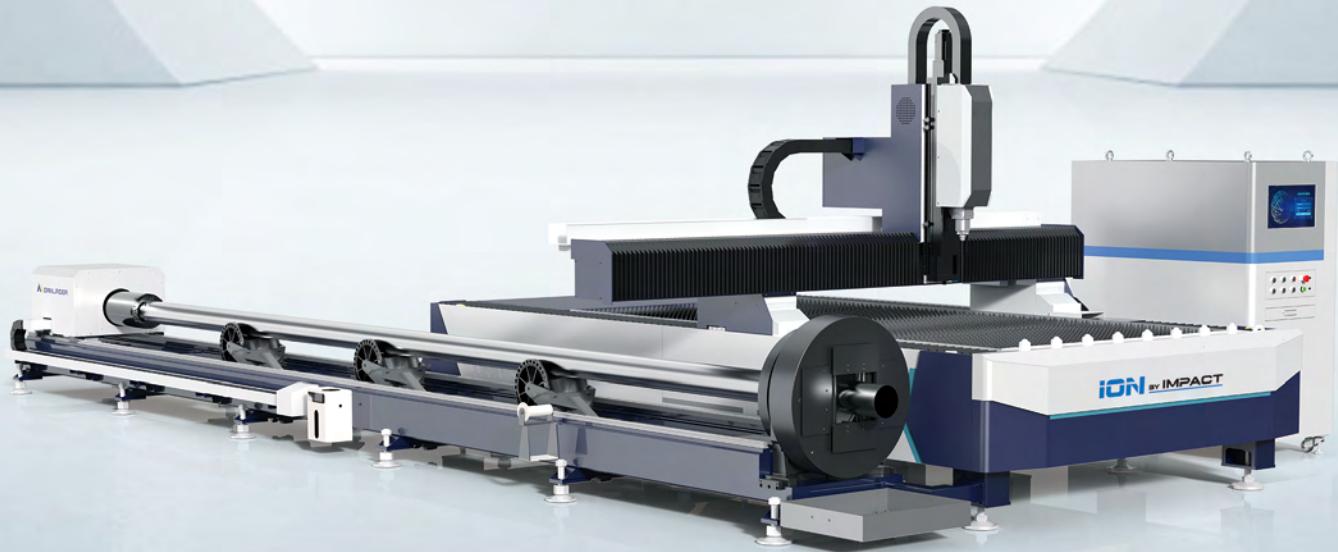


PROFILE STEEL LASER CUTTING MACHINE

One-stop laser solution for the steel structure industry

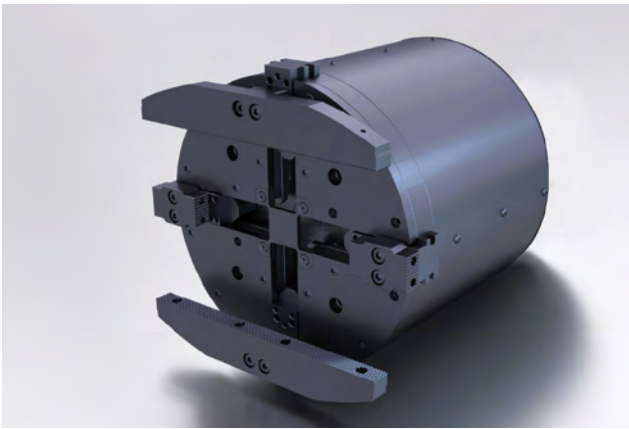
- Stable cutting of large-size profile steel
- High-precision bevel cutting

# SHEET AND TUBE FIBER LASER CUTTING MACHINE

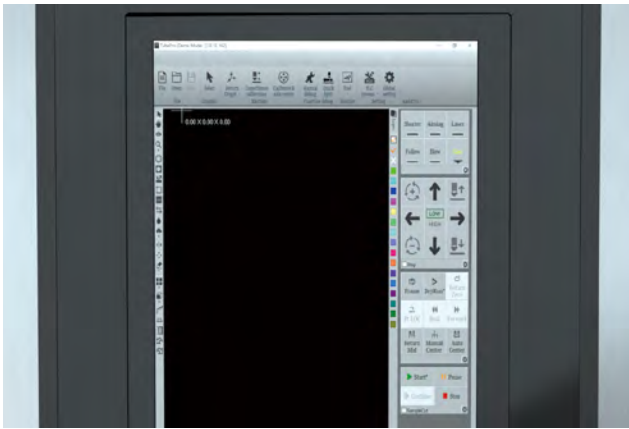


One machine for dual use, best for diversified processing needs

- Space-saving
- Dual-use
- Supreme cost-effectiveness



Pneumatic Self-Centering Chuck



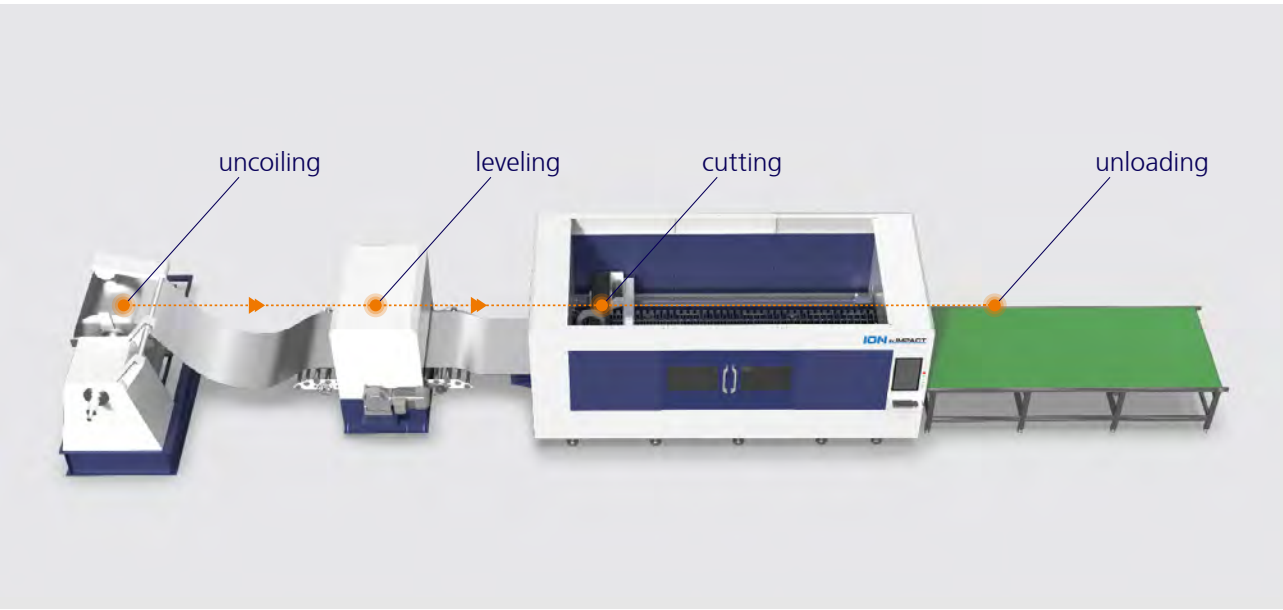
Intelligence Control System

## Performance advantages

- Cut both plates and tubes to meet diversified processing needs, cost-saving and high performance;
- The unique bed structure improves machine stability and processing accuracy, effectively reducing the error due to vibrations in processing;
- Ultra-high tensile aviation aluminum beam presents better dynamic performance than its counterparts on the market;
- Durable pneumatic chuck enables high clamping accuracy, strong clamping force and stable performance.

## Machine parameters

| Model                       | MT-L1530FR   | MT-L2040FR  | MT-L2560FR  |
|-----------------------------|--------------|-------------|-------------|
| Cutting Area(Customizable)  | 3000*1500mm  | 4000*2000mm | 6000*2500mm |
| Laser Power                 | 2000W-12000W |             |             |
| Tube Diameter               | φ20mm-φ350mm |             |             |
| Repeat Positioning Accuracy | ±0.02mm      |             |             |
| Maximum Acceleration Speed  | 1.5G         |             |             |



Leveling, feeding, cutting, unloading—all in one automated system for seamless, efficient output.

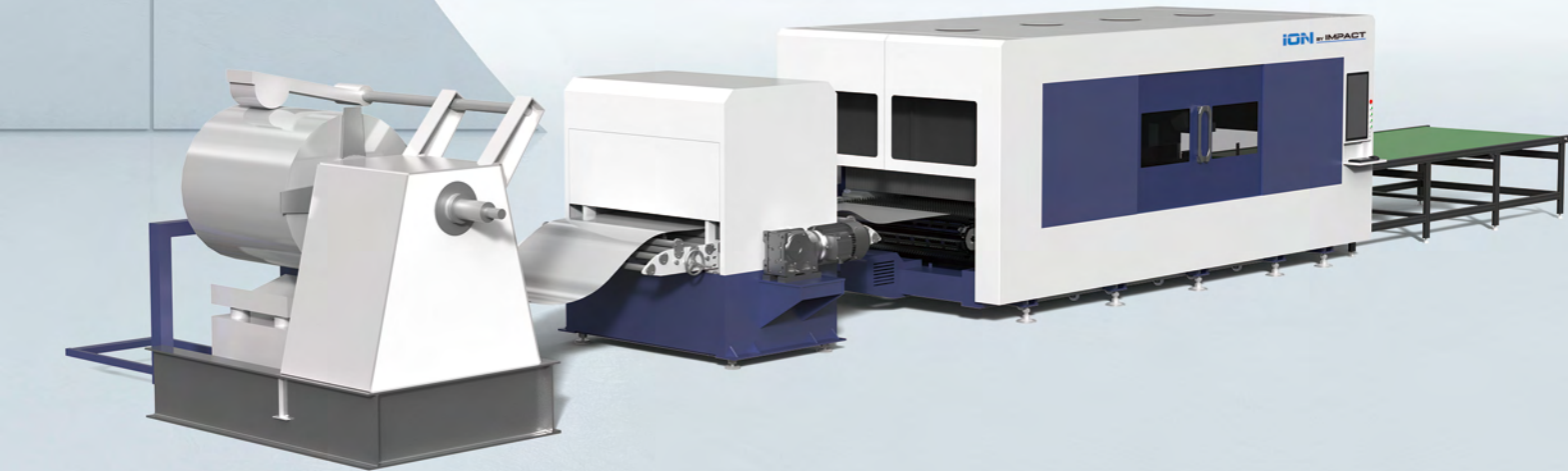
## Performance advantages

- Laser cutting can offer flexible production, one-step forming, no post-processing;
- Real-time air pressure adjustment through smart system monitoring ensures stable cutting;
- An intelligent operating system simplifies your laser cutting process, offering greater compatibility, flexibility, and efficiency;
- During steel coil cutting, simultaneous loading and unloading enable doubled production efficiency;
- Customizable smart production systems include film mulching, scrap collection, and automated sorting and palletizing;
- Intuitive operating system simplifies your cutting process, which is more compatible, more flexible and efficient in processing.

## Machine parameters

| Model                      | FX-1530 FX-2040 FX-2560             |
|----------------------------|-------------------------------------|
| Cutting Area(Customizable) | 3000*1500mm 4000*2000mm 6000*2500mm |
| Laser Power                | 1000W-60000W                        |

# COIL LASER CUTTING MACHINE



All-in-one coil laser cutting line: Faster, smarter production

- **Intelligent control system**
- **Production cycle optimization**
- **Simultaneous loading and unloading**

AUTOMATIC LOADING & UNLOADING  
LASER CUTTING PRODUCTION LINE



Achieving highly flexible and automated production

- Digital management
- Real-time monitoring
- Warehouse storage system



Vacuum Suction Cups



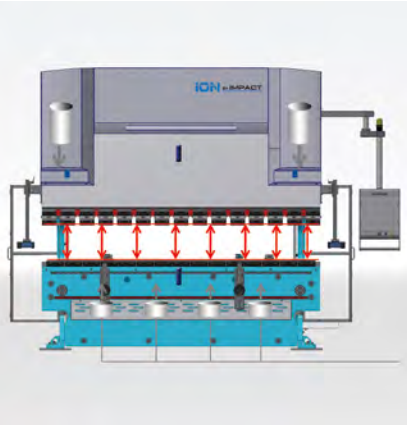
Storage Tower

Performance advantages

- An automated production line enables a fully automated cycle from production scheduling, material storage, retrieval, loading, cutting, to unloading;
- With enhanced coordination and higher efficiency, it meets the demands of large-scale, continuous, and high-efficiency production;
- Using an automated vertical storage system with a multi-layer shelving layout maximizes space and greatly reduces floor area;
- Real-time monitoring of equipment status and production progress, including operating status, loading/unloading, and operation logs, all accessible through the interface for easier production management;
- Vacuum suction cups are used to handle materials. The suction cup zones are flexible and can be adjusted at any time to match the material dimensions

Machine parameters

| Model                      | MT-L1530FH   | MT-L2040FH  | MT-L2560FH  | MT-L20120FH  | MT-L25120FH  |
|----------------------------|--------------|-------------|-------------|--------------|--------------|
| Cutting Area(Customizable) | 3000*1500mm  | 4000*2000mm | 6000*2500mm | 12000*2000mm | 12000*2500mm |
| Laser Power                | 1000W-60000W |             |             |              |              |



Quick Clamping Device



Mechanical Deflection Compensation



Optical Scale

Performance advantages

- Energy-saving, environmentally friendly, and high-efficiency CNC hydraulic bending machine;
- Unique closed-loop servo hydraulic energy-saving system delivers significant economic benefits;
- The push-pull upper module quick clamping device offers high precision and easy module changes, significantly boosting production speed;
- Eliminates slider deformation effects, with automatic compensation adjustments for easy and accurate operation;
- Back shield is controlled by an imported, internationally renowned brand digital AC servo motor;
- Automatically detects angle errors and adjusts cylinder stroke configuration, offering high displacement accuracy and fast response speed.

Machine parameters

| Machine Type   | 63T/2500 80T/3200 100T/4000 125T/4000 160T/4000 200T/4000                         |
|----------------|-----------------------------------------------------------------------------------|
| Nominal Force  | 630KN 800KN 1000KN 1250KN 1600KN 2000KN 2500KN 3000KN 3200KN 4000KN 5000KN 6000KN |
| Bending Length | 2500mm 3200mm 4000mm 5000mm 6000mm 7000mm                                         |

CNC PRESS BRAKE



Controlled by an electro-hydraulic servo system, precisely regulating the bending angle.

- Simple operation
- Stable performance
- Intelligent control system

# INTEGRATED HANDHELD LASER WELDING MACHINE

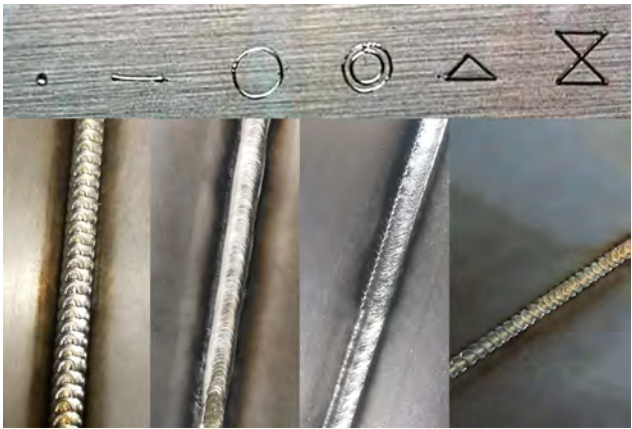


Fillet welding, vertical welding, butt welding, overlap welding, wire feed welding

- **Strong welding strength**
- **Super efficiency**
- **Easy to move**
- **Optional upgrade— 4 in1**



Weld objects of various sizes anytime, anywhere



Realize a variety of light output modes such as point, line, circle, triangle and so on.

## Performance advantages

- Maximum welding of 5mm metal sheets with freely adjustable light spot;
- Sheet welding speed of reach 10m/min, 5-10 times faster than traditional argon arc welding;
- Ultra low power consumption;
- No consumables required for narrow welds;
- Super easy to operate, 10 minutes to master;
- High safety with no radiation, the light comes out only when it touches metals;
- Long lifespan up to 100,000 hours.

## Machine parameters

| Model            | MT-W1000P MT-W1500P MT-W2000P MT-W3000P                 |
|------------------|---------------------------------------------------------|
| Laser Power      | 1000W-3000W                                             |
| Laser Head       | Handheld type                                           |
| Laser Wavelength | 1080±5nm                                                |
| Spot Size        | φ0.1-5mm                                                |
| Melting Depth    | 1-3mm                                                   |
| Optional 4 in1   | Laser welding, cleaning, cutting and weld seam cleaning |



Touch Screen Operating System



Double efficiency, effortless welding

Performance advantages

- No need a external water-cooling device, which not only simplifies setup and maintenance but also enhances workspace portability and flexibility;
- Super easy to operate, 10 minutes to master;
- Smooth and consistent welding results require no subsequent processing;
- Multiple welding nozzles satisfy diverse welding applications including spot welding, butt welding, overlap welding, vertical welding, flat welding and fillet welding;
- Long lifespan up to 100,000 hours.

Machine parameters

| Model                      | MT-W1500P     |
|----------------------------|---------------|
| Laser Power                | 1200W         |
| Output power tunability(%) | 10-100%       |
| Laser Head                 | Handheld type |

AIR-COOLED HANDHELD LASER WELDING MACHINE



Air cooling, energy saving and power saving

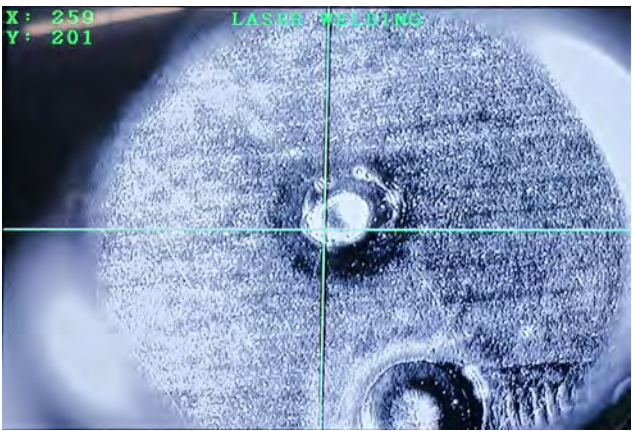
- More flexibility
- Easy to use
- Cost effective

AUTOMATIC LASER WELDING MACHINE

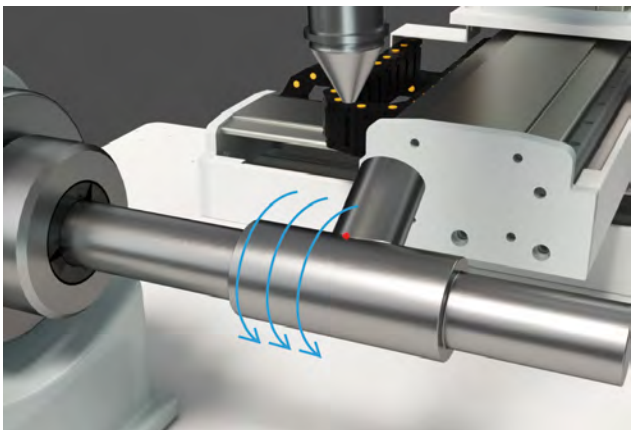


Precision welding of electronic components, battery aluminum shells, connectors, hardware accessories, kettles, sinks, etc.

- Smooth weld
- Mass welding
- Precision welding



Vision positioning guarantees precision welding results



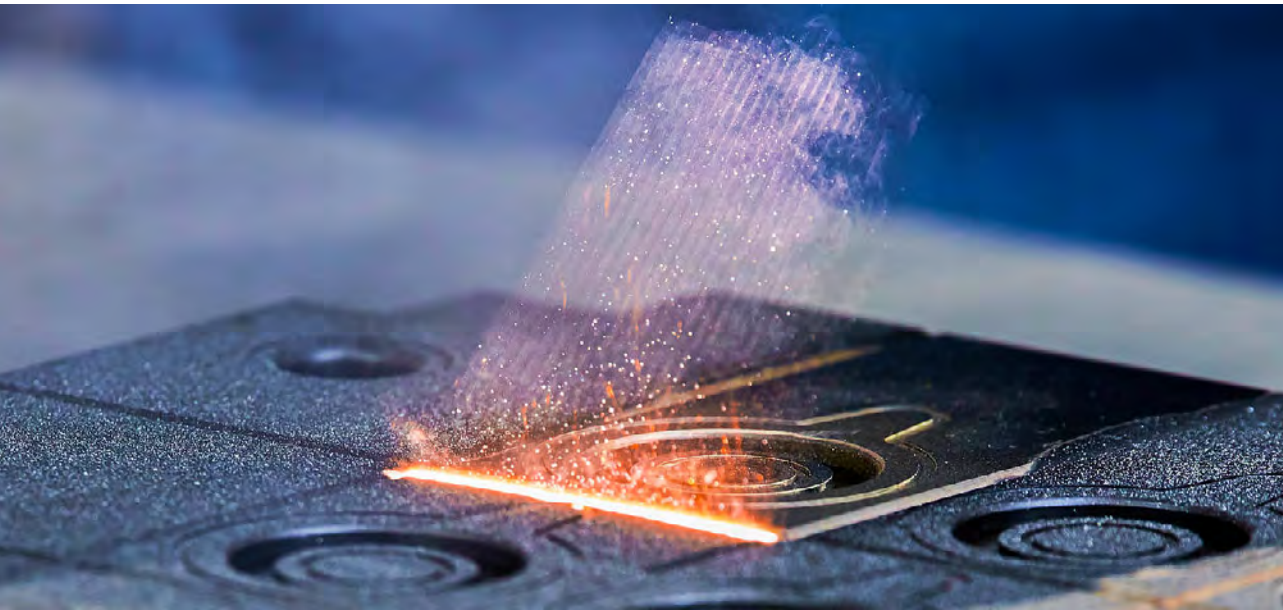
Welding your workpiece at any angle

Performance advantages

- Easily weld annular welds on stainless steel and carbon steel workpieces;
- Stable welding quality in mass production;
- Freely adjust welding speed to meet different welding needs, simple and easy to operate.

Machine parameters

| Model                      | MT-W1000 MT-W1500 MT-W2000 MT-W3000 MT-W6000 |
|----------------------------|----------------------------------------------|
| Laser Power                | 1000W-6000W                                  |
| Laser Head                 | Automatic type                               |
| Laser Wavelength           | 1080±5nm                                     |
| Spot Size                  | φ0.1-5mm                                     |
| Melting Depth              | 1-3mm                                        |
| Output Power Tunability(%) | 10-100%                                      |



Contactless cleaning with no damage to the substrate

Performance advantages

- Non-contact cleaning and no damage to the base material;
- Precise cleaning realizes target area cleaning;
- No chemical cleaning agent required, safe and environment-friendly;
- Simple operation and power on to clean;
- Automatic cleaning with hand-held laser head or mechanical arm;
- Precise cleaning with high cleaning efficiency;
- Stable cleaning system hardly requires maintenance.

Machine parameters

| Model                      | MT-CL300 MT-CL500 MT-CL1000 |
|----------------------------|-----------------------------|
| Laser Power                | 300W-1000W                  |
| Scan Width                 | 10-150mm                    |
| Laser Wavelength           | 1064nm-1080nm               |
| Spot Size                  | 5m-10m (customizable)       |
| Power Adjustment Range (%) | 10-100 (adjustable)         |

PULSE LASER CLEANING MACHINE



Non-contact efficient removal of various paint, oil, rust, etc.

- Precise cleaning
- High efficiency
- Environment-friendly

CONTINUOUS LASER CLEANING MACHINE



Efficiently remove rust, paint, oil, coating, etc.

- Large area cleaning
- Efficient and eco-friendly
- High cost-effectiveness



Flexible Laser Cleaning Head



Widely used in metal processing, ships, automotive, rail transportation, mold, etc.

Performance advantages

- Non-contact cleaning mode and no chemical agents used, which promises efficient and environment-friendly cleaning;
- Easy to operate, no need to disassemble;
- Power on and clean, no consumables required;
- Freely adjust parameters to achieve better cleaning results among multiple cleaning requirements;
- Custom light scan width allows precision cleaning;

Machine parameters

| Model                 | MT-CL1000 MT-CL1500 MT-CL2000 MT-CL3000 |
|-----------------------|-----------------------------------------|
| Laser Power           | 1000W-3000W                             |
| Laser Type            | Continuous Wave Laser                   |
| Laser Wavelength      | 1080nm                                  |
| Adjustable Scan Width | 10-300mm                                |
| Fiber Length          | 8-20m (customizable)                    |

# SAMPLES

**Metal Sheet Cutting Samples, Metal Tube Cutting Samples, Bevel Cutting Samples, Welding Samples, Cleaning Samples**



## Metal Sheet Cutting Samples



## Metal Tube Cutting Samples



## Bevel Cutting Samples



## Welding Samples



## Cleaning Samples

