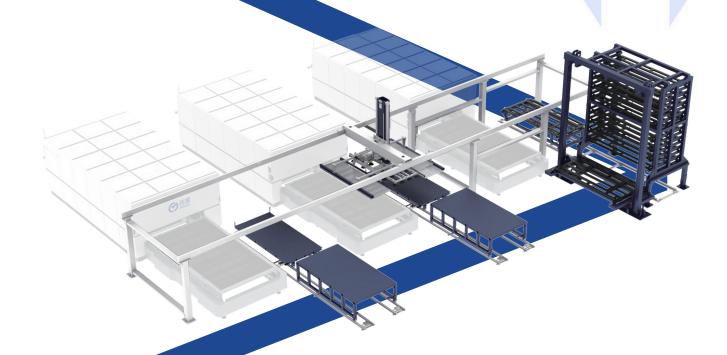




CY - LH SERIES

Double beam truss sheet metal production line





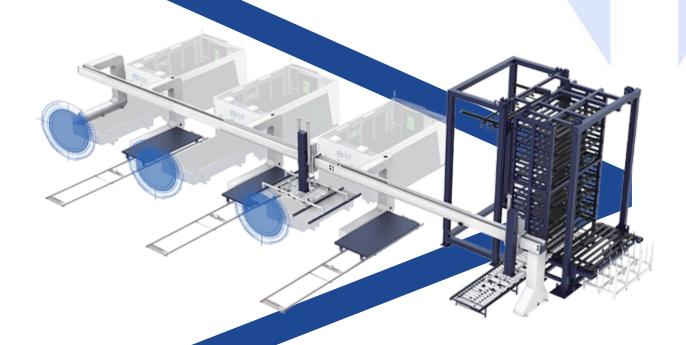
- According to the production plan, it can automatically arrange the production, support the cutting operation cycle without waiting, save labor and reduce the error of manual work.
- Equipped with parallel cylinders, the wear on transmission components is smaller and the service life of the equipment is increased;
- Using bus system, bus absolute motor, strong anti-interference ability, start without waiting to return to the origin. It has a faster transfer speed.
- Achieve smart flexible production of raw materials, increase production efficiency, and ensure new levels of precision and consistency in your operations by integrating advanced automation technologies.

Machine model	CY-LH Series
Adaptive model	3015/4020/6015/6020/6025/8025
Minimum feeding size	500*500mm
Maximum feeding size	8000*2500mm
Exchange cart payload	3T-5T
Positioning accuracy	±2.5 m m
Speed of operation	25m/min
Maximum load bearing	1500kg



CY -LC SERIES

Single beam truss sheet metal production line





- Fully automated intelligent laser cutting production line, compared with the double beam truss production line occupies a smaller space, no manual duty, effectively reducing labor costs.
- The line uses a cutting-edge bus system to enhance the efficiency of communication between components and ensure synchronous operation, thus simplifying the production process.
- The line features a unique intelligent splicing function that prevents materials from sticking during loading, ensuring smooth handling and reducing the risk of damage when loading multiple sheets at the same time.
- The automated sheet metal production line uses a modular design gantry frame that can be seamlessly joined and easily expanded to meet a variety of production needs.

Machine model	CY-LC Series
Adaptive model	3015/4020
Minimum feeding size	500*500mm
Maximum feeding size	4000*2000mm
Exchange cart payload	3T-5T
Positioning accuracy	±2.5 m m
Speed of operation	25m/min
Maximum load bearing	1000kg

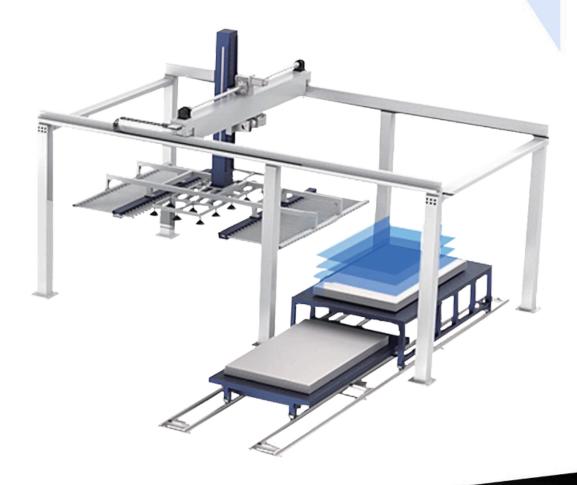




CY - LM(H) SERIES

LM(H)series gantry automatic loading and unloading

Smart production
Non-destructive work





The multi-beam structural domain has greater load capacity, faster speed and higher efficiency,

- It can be combined with the sheet tower storehouse to realize the automatic loading and unloading of sheet metal.
- More flexible matching device, can be used vertically or horizontally, the whole machine fits the site.
- Bus system, bus absolute motor, strong anti-interference ability, no need to return to the origin when starting, faster transmission speed, remote control can be achieved.sion speed, and remote control can be achieved.
- Realize the automatic loading of raw materials to the exchange table and the automatic stacking of finished products to the pallet for saving time.

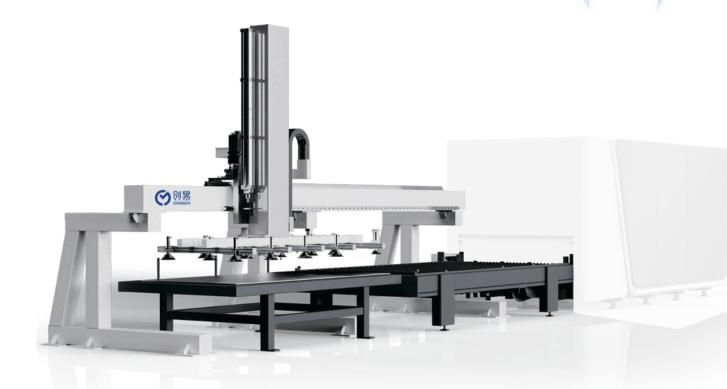
Machine model	CY-LM(H) Series
Adaptive model	3015/4020/6015/6020/6025
Minimum feeding size	500*500mm
Maximum feeding size	6000*2500mm
Exchange cart payload	3T-5T
Positioning accuracy	±2.5 m m
Speed of operation	25m/min
Maximum load bearing	1500kg



CY - LM(C) SERIES

LM(C)series gantry automatic loading and unloading







- Does not affect the crane or forklift operation, large load capacity, fast speed, high efficiency.
- It can be optionally combined with the tower storehouse to realize the automatic loading and unloading of metal sheets.
- Equipped with parallel cylinders, the wear on transmission components is smaller and the service life of the equipment is increased;
- It is more flexible to match with the equipment, can be used vertically or horizontally, and is perfectly integrated into the site.
- Realize the automatic loading of raw materials to the exchange table and the automatic stacking of finished products to the pallet for saving time.

Machine model	CY-LM(C) Series
Adaptive model	3015/4020/6015/6020
Minimum feeding size	500*500mm
Maximum feeding size	6000*2000mm
Positioning accuracy	±2.5 m m
Speed of operation	25m/min
Maximum load bearing	750kg



CY -LZ SERIES

Column robot/Ground rail column robot









- Suitable for laser cutting machine plate loading and unloading, high efficiency, high stability, simple structure, easy maintenance, can meet the production of different products.
- High automation degree, can be the same material table, a number of different types of machine tools, caching and sampling equipment to form different forms of production lines.
- Customized tooling, can selected two or three axes according to the production needs of two or three axes, to achieve a variety of loading and unloading methods.
- Products made from high-quality materials are sufficiently rigid, resistant to wear and vibration, and can operate at full load. The servo motor has good stability, stable performance, convenient automatic control, and high speed regulation accuracy.

Machine model	CY-LZ Series
Number of axes	2 axis/3 axis
Positioning accuracy	±1 M M
Repeatability	± 3 M M
Grippers in the picture	3000mm*1500mm
Carrying capacity	≦300KG
Air supply pressure	0.55MPa
Machine weight	1.2T
Single sheet maximum thickness	10 M M
Single sheet minimum thickness	0.5 M M





CY -SCX SERIES

Semi-automatic plate production line

Quality test flexible production







- Modular expansion, support for one-to-many jobs.
- Materials warehouses are compact, space-saving and cleverly designed to add flexibility to ready crowded production environments and reduce footprint.
- The storage solution has a systematic layout for easy classification of metal sheets and fast access, increasing the efficiency and productivity of your workspace.
- The realization of intelligent and flexible production processes changes the way raw materials convertig into high-quality sheet metal products, ensuring the efficiency and adaptability of the production process.

Machine model	CY-SCX Series
Feeding size	3000*1500mm-4000*2000m
The number of layers in the picture	≤6 floors (can be customize
Single layer bearing	3000kg
Positioning accuracy	±1 M M
Repeatability	±3 M M
Single sheet maximum thickness	10 M M
Single sheet minimum thickness	0.5 M M





CY -SZ SERIES

Four-axis column robot

Flexible application, personalized matching in multiple scenarios.







- It has high efficiency, high stability, simple structure, easier maintenance, strong scalability, and can serve multiple devices at the same time to meet the production of different products. It can quickly adjust product structure, expand production capacity, and greatly reduce the labor intensity for industrial workers.
- Full servo control, fast running speed and accurate positioning.
- Advanced robotic arm technology enables precise and flexible operation in a variety of industrial applications.

Machine model	CY-SZ Series
Number of axes	4+1 axis
Positioning accuracy	±1 M M
Repeatability	± 3 M M
Maximum speed	25M/MIN
Carrying capacity	≦200KG
Air supply pressure	0.55MPa
Machine weight	1100KG
Maximum number of cycles	5/min
Single sheet maximum thickness	4 M M
The scope of work	1.9M,359°





CY -QT SERIES

Semi-automatic pipe loading rack

Automated operation intelligent and efficient





- Large throughput, simple operation, easy maintenance.
- There is no interruption, greatly improving production efficiency and reducing the risk of injury.
- Specially designed to work perfectly with the laser cutting machine, ensuring precise and accurate pipe feeding for optimal cutting performance and superior finished product quality.
- It can meet the diversified processing needs of different types of pipes such as square pipe, round pipe, channel steel and H-shaped steel.
- We provide excellent after-sales service, including installation guidance, trouble shooting and ongoing technical support, to ensure that your fully automated pipe feeder is always operating at its best.

Machine model	CY-QT Series
Compatible pipe diameter	20 m m - 240 m m
Adapts to pipe length	4000mm-12000mm
Sycle feeding time	≦ 30s
Single piece maximum weight	≦ 300kg
Warehouse bearing capacity	≦3T
Pipe type	Square pipe, round pipe, rectangular pipe, multi-type channel steel, etc.





CY -AT SERIES

Semi-automatic pipe loading rack

Intelligent and efficient, multi-specification feeding





- Save manpower, only one ordinary worker to pick up materials, can increase the production efficiency of more than 50%.
- Provides excellent performance without compromising quality stability, and is not susceptible to deformation and corrosion.
- Reduced labor costs and potential errors. The pipe feed rack is compatible with a variety of pipe sizes and materials, making it a useful addition to your manufacturing process.
- Optimize your workspace efficiency while maximizing value, taking up less floor space without compromising quality or functionality.

Machine model	CY-AT Series
Compatible pipe diameter	20 m m - 240 m m
Adapts to pipe length	4000mm-12000mm
Sycle feeding time	≦ 30s
Single piece maximum weight	≦ 300kg
Load bearing in waiting area	≦3T
Pipe type	Square pipe, round pipe, rectangular pipe, multi-type channel steel, etc.





CY -MG SERIES

Wood board production line equipment

Quality test flexible production







Truss robot

Fully automatic labeling machine







Automatic roller conveyor



- The auxiliary equipment required for the automated production line can not only reduce the surface scratches of the plate, improve product quality, but also reduce the labor intensity of the operator and improve production efficiency.
- It solves the labor intensity of workers, avoids some uncontrollable problems caused by workers' fatigue, improves the production efficiency of products and improves the quality of products.
- High stability, not easy to deformation and corrosion, the production capacity to a new height.
- The space-saving, smart design adds flexibility to the ready crowded production environment and reduces footprint.

Machine model	CY-MG Series
Gantry truss robot	1
Fully automatic labeling machine	1
Panel turnover machine	Customized size
Roller conveyor	1
Payload	100KG

