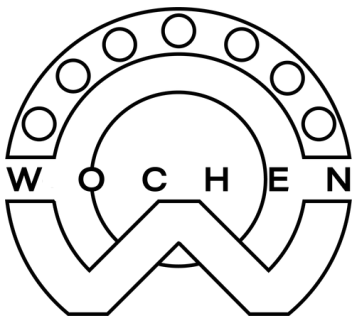
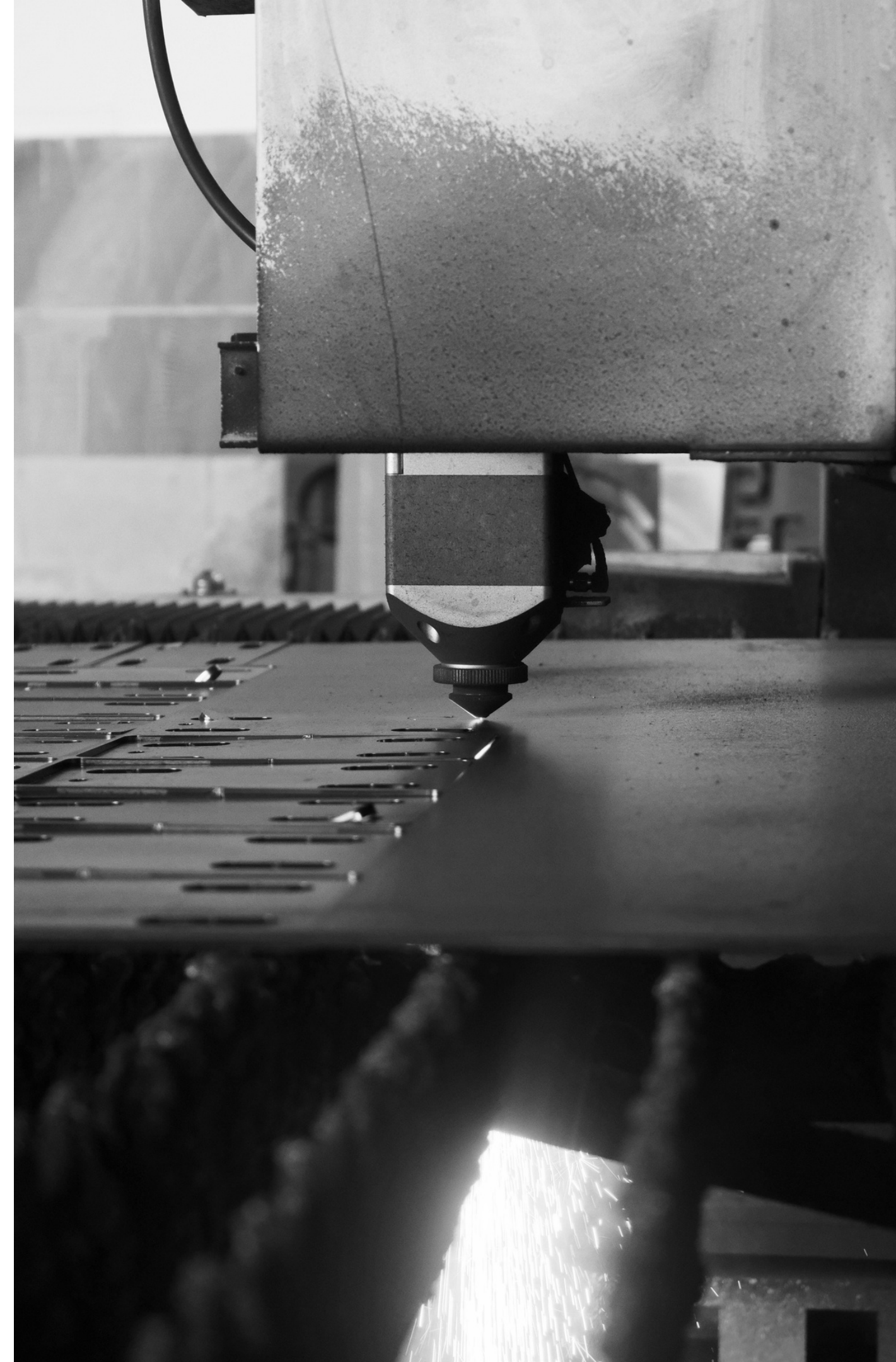
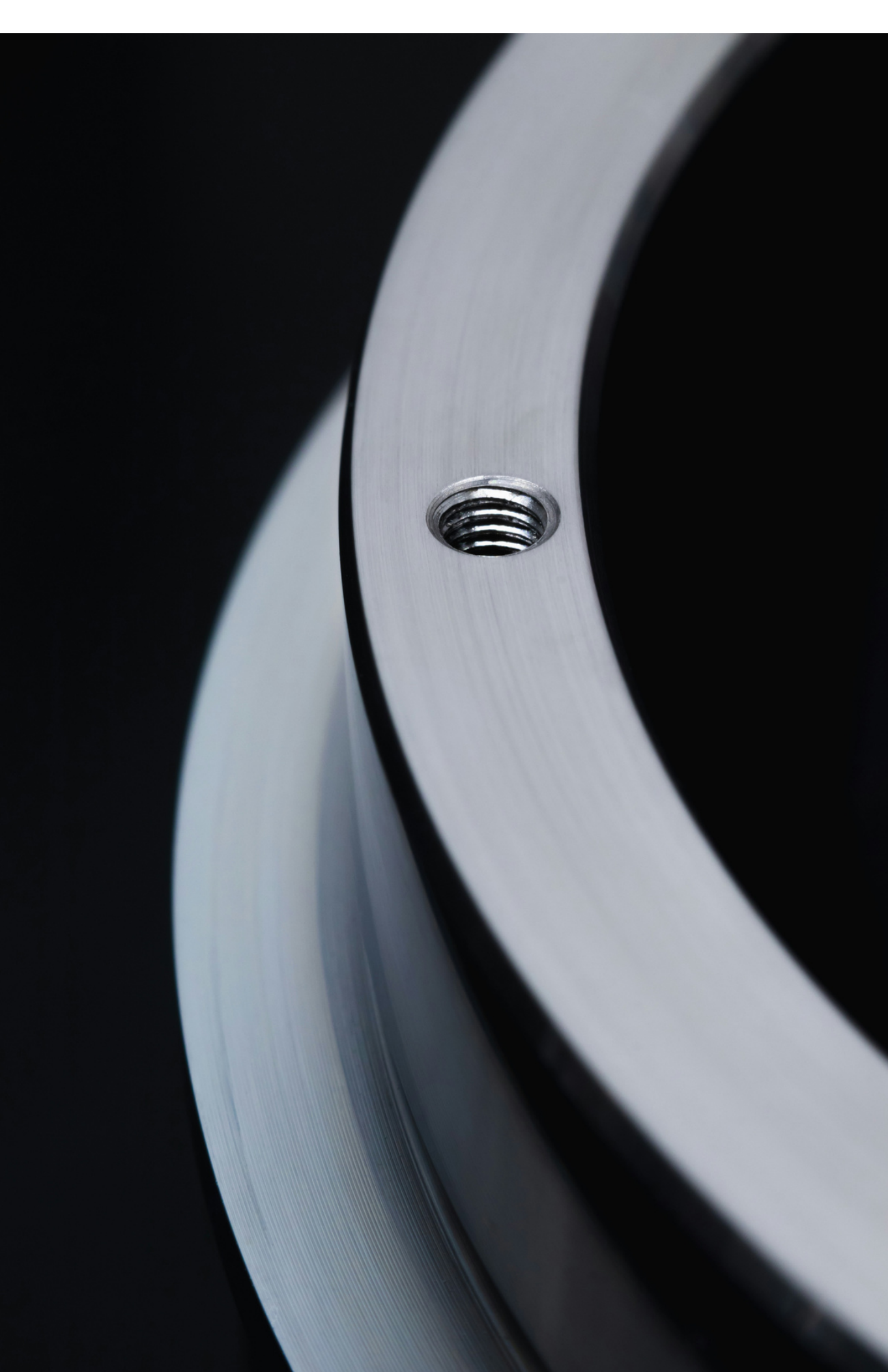




JINAN WOCHEN MACHINERY *MANUFACTURING*

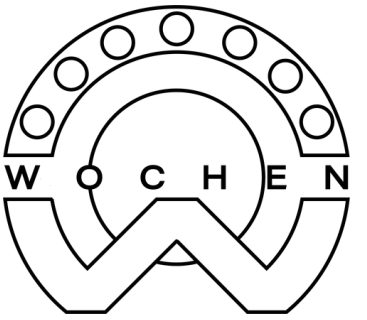
Specializing in 12,000W Laser Cutting, Heavy Metal Forming, Robotic Welding, and Precision CNC Machining





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WOCHEN MACHINERY



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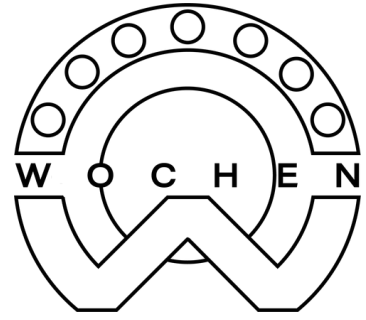
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WOCHEN MACHINERY

About Us

Who We Are

Wochen Machinery are an established, progressive and forward-thinking manufacturing company with over a decade of heavy metal fabrication experience based in Jinan, China.

Since 2013 we have been specialising in the manufacture of high-quality metal structural parts and comprehensive mechanical OEM services.

Our expertise encompasses heavy sheet metal fabrication, robotic welding, large-scale CNC machining, assembly, and industrial surface treatment processes.

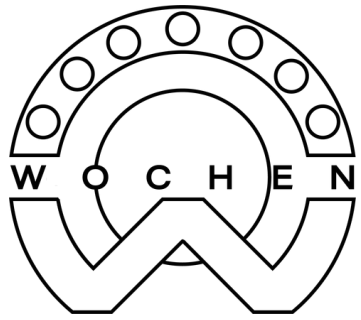
The management team, along with our skilled and versatile workforce, operates under stringent ISO 9001:2015 quality controls, enabling us to produce robust, high-precision products efficiently and on time using the latest heavy-duty CNC machinery.



Accreditations & Quality

Uncompromising Quality

WOCHEN MACHINERY



High-Tech Enterprise Certificate

Recognized for continuous innovation and technological advancement.



ISO 9001:2015 Certified

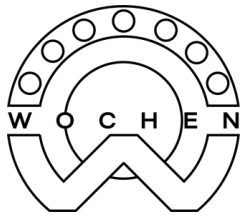
For the manufacture and sales of metal structural parts and auto parts.



Proprietary Technology

Holder of multiple Utility Model Patents for mechanical structures and welding platforms

➤ Quality is at the core of our manufacturing process. We operate a fully documented quality management system to ensure complete traceability and precision.



WOCHEN MACHINERY

Our Plant & Equipment

Continuous investment in advanced CNC technology and automation enables us to handle both heavy-duty projects and precise high-volume production. Our core manufacturing facilities include:

Forming & Pressing

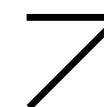
- 220-Ton x 2.5m CNC Servo Press Brake (High-precision folding and bending)
- 400-Ton Four-Column Hydraulic Press

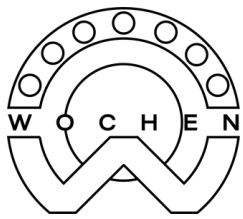
Automated & Precision Welding

- 2 x Kawasaki Robotic Welding Cells (Ensuring flawless consistency for batch orders)
- 2 x 3,000W Laser Welding Machines (For high-end, low-distortion precision joints)
- 9 x 350A Double Pulse Welding Machines
- 180KVA High-Frequency Resistance Welding Machine



Photo was captured on-site at our company's production facility





WOCHEN MACHINERY

➤ Our Plant *& Equipment*

Continuous investment in advanced CNC technology and automation enables us to handle both heavy-duty projects and precise high-volume production. Our core manufacturing facilities include:

Heavy CNC Machining (Milling & Turning)

- 3m x 2.5m CNC Gantry Milling Machine
- Heavy-Duty CNC Horizontal Boring Mill (130 Series)
- Precision Engine Lathe (6280 Series) & Heavy-Duty Radial Drilling Machine

Advanced Laser Cutting

- 12,000W Fiber Laser Plate Cutting Machine (For high-speed, high-thickness plate processing)
- 6,000W Fiber Laser Tube Cutting Machine (For complex tubular structures and frames)



Photo was captured on-site at our company's production facility

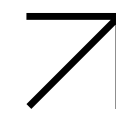


Photo was captured on-site
at our company's product

Manufacturing *Capabilities*

We transform heavy raw materials into high-precision structural components. Backed by our state-of-the-art equipment, our manufacturing limits and processing parameters meet the most rigorous industrial standards:

Ultra-High-Power Laser Cutting (Plate & Tube)

- 12,000W Heavy Plate Processing: Achieving maximum thicknesses of 36 mm for Carbon Steel, 30 mm for Stainless Steel, and 45 mm for Aluminum, consistently maintaining routine cutting tolerances of ± 0.1 mm.
- 6,000W Precision Tube Laser: Handling maximum tube outer diameters of 160 mm down to a minimum of 16 mm, accommodating full material feed lengths up to 6,600 mm for continuous, low-waste production.

Heavy Forming & Deep Drawing

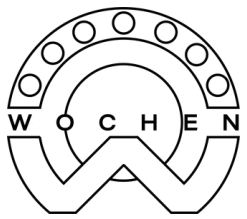
- 220-Ton CNC Press Brake: Capable of precision bending carbon and stainless steel up to 8 mm thick across a full 2.5-meter processing length.
- 400-Ton Hydraulic Press: Featuring an expansive 1,100 mm x 900 mm effective table size with a maximum opening height of 1,150 mm and an 800 mm stroke for heavy structural forming.

Heavy CNC Machining & Precision Milling

- 3m x 2.5m CNC Gantry Milling: Featuring a massive 15-ton table load capacity and an XYZ working envelope of 3,000 mm x 2,500 mm x 1,000 mm.
- Heavy-Duty CNC Boring: Supporting 10-ton workloads with an XYZ envelope of 2,000 mm x 1,800 mm x 900 mm.
- Stringent Tolerances: Geometric and positional tolerances (GD&T) are strictly controlled within 0.08 mm, with critical linear dimensions reaching an exceptional precision of ± 0.02 mm.

Automated Welding & Assembly Capacity

- Robotic Welding Cells: Twin Kawasaki robotic stations equipped with a 2-meter working radius, capable of fully automating the welding of structural pieces up to 2,000 mm x 1,600 mm and weighing up to 1,000 kg.
- 3,000W Laser Welding: Delivering flawless, low-distortion seam welding optimized for precision plate assembly up to 5 mm in thickness.



WOCHEN MACHINERY



Surface Finishes & *Assembly*

Beyond heavy fabrication, Wochen Machinery provides complete surface treatment and mechanical assembly services to deliver ready-to-install components.

Surface Preparation & Coating

Professional shot blasting and sandblasting for optimal surface adhesion. We offer high-durability powder coating and industrial wet painting tailored to specific environmental requirements, including anti-corrosion and wear resistance.

Mechanical Assembly

Equipped with a 10-ton overhead crane capacity and a 6-meter effective clearance, our facility facilitates the safe handling, precise alignment, and complete mechanical assembly of oversized structural components before shipment.

Plating & Galvanizing

Hot-dip galvanizing and advanced electroplating options are available through our certified supply chain partners, ensuring long-lasting protection for outdoor and heavy-duty applications.



Sectors We Serve

Our ultra-high-power 12,000W laser cutting and heavy CNC machining capabilities allow us to manufacture critical structural parts and precision components for demanding industrial sectors

Construction & Earthmoving Equipment

Excavator arms, heavy-duty chassis frames, and structural supports.

Renewable Energy Infrastructure

Wind turbine structural components, solar tracker mounts, and heavy base frames.

Mining & Material Handling

Wear-resistant plates, conveyor structures, and heavy extraction equipment parts.

Automotive & Transportation

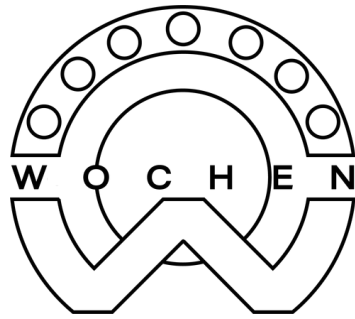
Specialized heavy transport chassis and commercial vehicle structural parts.

Industrial Automation

Precision machine bases, heavy gantry frames, and custom robotic welding platforms.



Photo was captured on-site at our company's production facility



WOCHEN MACHINERY

Contact US

START
YOUR
NEXT
PROJECT
WITH US

Our engineering team is ready to
review your technical drawings
(CAD/STEP/IGES) and provide a
detailed manufacturing proposal
and competitive quotation



<https://wochenmanufacture.com>



+49 16095894003



contact@wochenmanufacture.com



Oran Chen, Sales Manager