



SICHUAN JODA NEW MATERIALS TECHNOLOGY CO., LTD.

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Joda New Materials

Your Trusted Supplier of Aluminum Materials



Sichuan Joda New Materials Technology Co., Ltd. is a leading high-end aluminum-based new materials enterprise. With a production capacity of 200,000 tons per year, we specialize in aluminum wires, sheets, coils, and discs. Our products are widely exported to countries such as Egypt, Algeria, Oman, Ghana, Bahrain, and more. With a strong reputation for quality, reliability, and customer satisfaction, we are committed to meeting the diverse needs of various industries. Contact us for high-quality aluminum materials and customized solutions.



We have obtained ISO 9001 certification for its quality management system and has introduced the Total Quality Management (TQM) philosophy. From the selection of raw materials, control of production processes, product inspection, to after-sales service, the company strictly follows the system requirements for process control. Currently, the company has over 300 employees, including a R&D team of 39 people. It also holds more than 20 patents, including 3 invention patents.

We have introduced advanced complete production and testing equipment from both domestic and international sources, combining them with proprietary patented technologies. This enables us to possess the capability to design and manufacture high-end products. We emphasize talent development and have attracted numerous high-tech professionals, forming a technical research and development team and production management team composed of senior engineers and software/hardware developers. With strong technical strength and extensive production experience, we are at the forefront of new product research and development. We are committed to providing our customers with excellent product quality and services to meet the ever-changing market demands. We welcome you to join us as our partner and together pursue excellence and innovation!

OUR ADVANTAGES

Raw Material Cost Advantage:

Proximity to Guangyuan Zhongfu Industrial 500,000-ton smelter grants direct access to premium aluminum, reducing costs and improving logistics.



2

High-precision alloy wire production lines



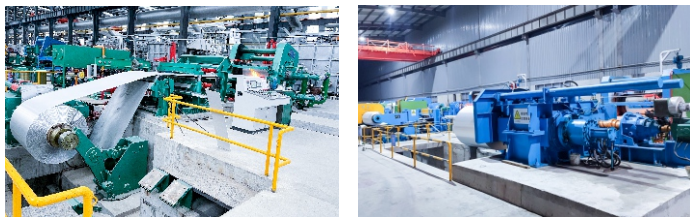
Production Equipment Efficiency Advantage:

Through our mother company Joda Tech's expertise and advanced equipment, we achieve high production efficiency and reduced labor costs.



19

High-precision aluminum plate and strip casting and rolling production lines



Energy Cost Advantage:

Utilizing Sichuan's abundant hydroelectric resources, we use cost-effective green power sources, reducing energy costs in production.



3

Cold rolling, precision cold rolling, and aluminum foil rolling production line.



ALUMINUM WIRES

Main Products

We use advanced 4+10 continuous casting and rolling production equipment and adopt a horizontal continuous casting production mode to produce aluminum wire. Our production technicians have more than 10 years of experience in the aluminum wire industry, with years of experience in tracking service, and they are familiar with the wire drawing and extrusion production processes downstream. We mainly produce aluminum rods with a diameter of 9.5mm, with a monthly production capacity of 6,000 tons.



Technical Parameters

Product Name	Size	Resistivity	Tensile Strength	Elongation	Application
1370 Aluminum wire rod	9.5mm	<28.01nΩ·m	80-135Mpa	≥6%	Cable, wire
1370 Aluminum Cable	9.5mm	<28.01nΩ·m	80-135Mpa	≥6%	Transformer, Electric Generator
1050,1060,1070 Aluminum Cable	9.5mm	<28.01nΩ·m	80-135Mpa	≥6%	Cooler air-conditioner, house appliances
1100 Aluminum Tube	9.5mm	/	95-135Mpa	≥6%	Automobile radiator
6101	9.5mm	<34.5nΩ·m	150-200Mpa	≥10%	Alloy conductor
6201	9.5mm	<34.5nΩ·m	160-220Mpa	≥10%	Alloy conductor
8176	9.5mm	/	/	/	Cable
8030	9.5mm	/	/	/	Wind power material
8A07	9.5mm	/	/	/	Heat-resisting material

Main Applications

Civil cable, high voltage cable material, bike electrode material, aluminum rivet material, extruded flat tube for automobile, cooler air-conditioner and round tubes for home appliances, aluminumplastic composite pipes, cables, etc.



ALUMINUM COILS

Main Products

The primary raw material used is high-quality, environmentally friendly aluminum liquid from Guangyuan Zhongfu, which is produced using a short-process twin-roll casting technique to form casting coils. The casting coils are then subjected to multiple passes of cold rolling using a four-roll mill to produce coil materials that meet the specific requirements of end users. The cold rolling equipments are equipped with advanced thickness control systems and surface treatment facilities to ensure that each cold-rolled aluminum sheet meets strict thickness and surface quality requirements. We offer aluminum coils from the 1xxx, 3xxx, and 8xxx series, with a thickness range of 0.5–5.0mm and a width range of 900–1700mm. Our monthly production capacity reaches 15,000 tons.



Technical Parameters

Alloy	1050/1060/1100 3003/3004/3005 8011
Temper	O/H12/H14/H18/H22/H24/H32, etc.
Thickness	0.5–5.0mm
Width	900–1700mm
Surface	Mill finish
Category	Continuous Casting (CC)

Main Applications

Building exterior wall decoration, roof materials, electronic product casing, heat sinks, connectors, packaging materials for food, beverages, and pharmaceuticals, automotive body, doors, engine hood, roof, etc.



ALUMINUM SHEETS

Main Products

We provide customized aluminum sheets according to customer specifications, with a thickness range of 0.5mm to 5.0mm and a width range of 900mm to 1700mm. Our offerings include different aluminum alloy series, including 1xxx, 3xxx, and 8xxx. With advanced production equipment and abundant manufacturing experience, we employ precise processing techniques to ensure high-quality surface finish, flatness, and dimensional accuracy of the aluminum sheets. Our monthly production capacity is 1000 tons.



Technical Parameters

Alloy	1050/1060/1100 3003/3004/3005 8011
Temper	O/H12/H14/H18/H22/H24/H32, etc.
Thickness	0.5-5mm
Width	900-1700mm
Length	Customized according to customer requirements
Surface	Mill finish
Category	Continous Casting (CC)



Main Applications

Lighting fixture manufacturing, solar panels, architectural decoration, furniture manufacturing, elevator manufacturing, signage production, automotive industry, household appliances, medical devices, and industrial equipment, etc.



ALUMINUM CIRCLES

Main Products

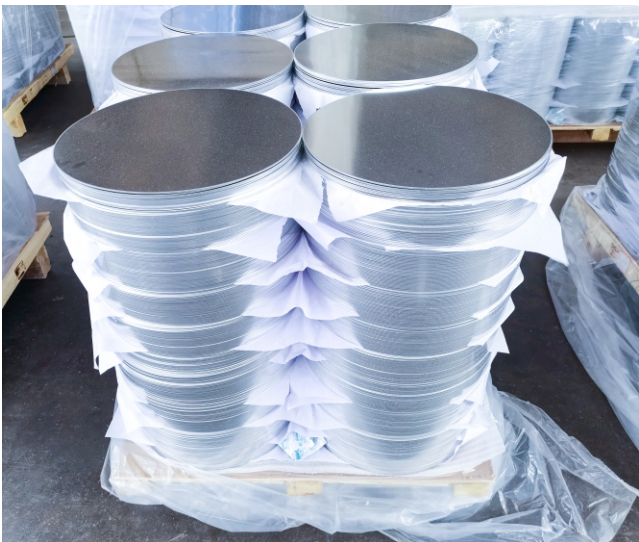
Aluminum discs have excellent machinability, with superior stretching and spinning properties compared to other metal materials. They are lightweight, have a bright luster, and are cost-effective, making them widely used in fields such as lighting fixtures, kitchenware, and traffic signs. We have two advanced automatic swivel numerical control punching machines and one circle cutting machine, enabling us to achieve a monthly production capacity of 1000 tons.

Technical Parameters

Alloy	1050/1060/1100 3003 5052
Temper	O/H12/H14/H18/H22/H24/H32, etc.
Thickness	0.5-5.0mm
Diameter	100-1500mm
Category	Continuous Casting (CC)/ Direct Casting(DC)

Main Applications

Cooking utensils, such as frying pans, flat pans, rice cookers, and pressure cookers used in kitchens. Tableware, including plates, bowls, and cutlery sets. Lighting fixtures, including lampshades and lamp bases. Traffic signs and signage. Components and structural parts in the aerospace industry.



ALUMINUM RODS

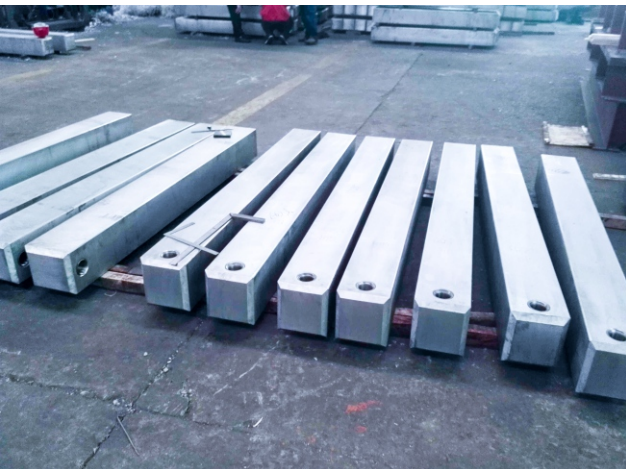
Main Products

The length of aluminum rods typically ranges from 2000 to 2200mm, with a rectangular or square cross-section. The dimensions of the rods are determined by the magnitude of the current they carry. Generally, the current density is around 235 to 240A/cm². The upper part of the aluminum rods makes electrical contact with the horizontal main busbars, requiring machining to ensure a flat and smooth surface with minimal oxidation, thus reducing contact resistance.



Technical Parameters

Alloy	1050/1060/1070/4043/6063
Thickness	Customized according to customer requirements
Width	
Length	
Surface	Machining according to customer requirements



Main Applications

Electrolytic aluminum workshop, etc.



ALUMINUM BUSBARS

Main Products

Aluminum busbars are manufactured with high-conductivity aluminum alloy materials and serve the purpose of transmitting electrical energy while collecting and distributing power. Aluminum busbars are specifically used as direct current (DC) conductors, connecting rectifier cabinets with anode conductors in electrolytic workshops. They are responsible for carrying high-power DC currents, facilitating the flow of high voltage DC from the positive electrode through the electrolysis process, and ultimately returning it to the rectifier cabinet.



Technical Parameters

Alloy	1050/1060/1070
Thickness	Customized according to customer requirements
Width	
Length	
Surface	Machining according to customer requirements



Main Applications

Electrolytic aluminum workshop, power station, substation, etc.

