



Customized Dimension 6063 Alloy Sandblasting Anodized Aluminum Fan Blade for Industrial Cooling Towers

Our Product Introduction

for more products please visit us on aluminumextrusion-profiles.com

Basic Information

- Certification: ISO
- Minimum Order Quantity: 300
- Price: 2.99



Product Specification

- Material: 6063 Aluminum Profile
- Tolerance: $\pm 0.1\text{mm}$
- Section Size: Square: $\leq 150 \times 150\text{mm}$, Rectangle: $\leq 250 \times 50\text{mm}$, Round: $\leq \varnothing 170\text{mm}$
- Surface Treatment: Powder Coating, Anodizing, Sandblasting, Brushing, Passivation, Silk Screen, Mechanical/Chemical Polishing, Wood Grain Coated, Galvanise, Plating, PVDF, Matt
- Color Options: Wooden Grain, Aluminium Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow
- Processing Methods: Extruding, Milling, Cutting, Punching, Bending, Tapping, Drilling, CNC Lathe
- Alloy Grade: 6000 Series
- Alloy Temper: T3-T8
- Alloying Ingredient: 6063
- Surface Finishing: Sandblasting Oxidation



More Images



Product Description

Custom Aluminum Fan Blades for Cooling Towers

Metalplus specializes in OEM and ODM customized aluminum fan blade design and manufacturing for industrial wind cooling tower applications.

Manufacturing Capabilities

With a production base exceeding 100,000 square meters and annual capacity over 100,000 tons, we deliver precision aluminum solutions.

Product Categories

Aluminum Profile	Aluminum Fan Blade Profiles Aluminum Profile System Aluminum Extrusion Enclosure LED Aluminum Extrusion Profiles Aluminum Frame Customized Aluminum Profile Aluminum Heat Sink Electric Motor Housing Aluminum Profile Construction Aluminum Profile Aluminum Extrusion Tube
Die Casting	Die Casting LED Housing Stainless Steel Casting Aluminum Casting
ACP	Aluminum Composite Panel

Product Specifications

Material	6063 aluminum profile
Processing Methods	Aluminum profile extruding, Precision milling, Cutting, Punching, Bending, Tapping, Drilling, CNC lathe
Tolerance	Length: $\pm 0.2\text{mm}$, Holes: $\pm 0.05\text{mm}$
Surface Treatment	Powder Coating (RAL Colors), Anodizing (AA10/15/20/25), Sandblasting, Brushing, Passivation, Silk screen, Mechanical/Chemical Polishing, Wood grain coating/transfer, Galvanizing, Nickel/Tin/Chrome/Copper Plating, PVDF, Matte finish
Color Options	Wooden Grain, Aluminum Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow
Section Size	Square: $\leq 150 \times 150\text{mm}$ Rectangle: $\leq 250 \times 50\text{mm}$ Round: $\leq \varnothing 170\text{mm}$
Packaging	Inner plastic/PE paper interleaving; Outer plywood or pallets with shipping marks; Custom packaging available
Delivery Time	15-25 days after deposit

Manufacturing Advantages

We export customized aluminum products to the United States and Europe, building long-term partnerships through consistent quality and reliable service.

Over 17 years of aluminum extrusion manufacturing experience

Strong design capabilities with fast extrusion, CNC machining, milling, and turning services

Complete metal processing capabilities including laser cutting, CNC bending, and welding
Comprehensive quality control throughout the manufacturing process

Technical Support Services

Custom design services including CAD drawings and 3D models for customer approval

Professional R&D team for design analysis and optimization to reduce costs and improve performance
One-stop service model covering product design, mold customization, aluminum casting, extrusion profiling, precision machining, and surface treatment

Factory Equipment & Capabilities

Extrusion

44 aluminum extrusion lines capable of producing commercial and industrial profiles up to 350mm outer diameter. Our largest 6800-ton extruder handles complex industrial profiles up to 600mm diameter for applications including radiators, fan blades, motor enclosures, and solar cell frames.

Anodizing

6 anodizing production lines providing uniform oxidation film thickness and color options including silver, black, gold, champagne, and imitation steel.

Painting

4 powder spraying lines using Gema Switzerland nozzles with environmentally friendly, durable coatings.

CNC Machining

12 PRATIC machining centers for milling, drilling, and tapping profiles up to 6 meters

Fully automatic Wegoma cutting machines for precise, efficient production
30 punching machines (50-100 ton capacity) for thick profiles over 5mm
10 stretch bending machines for precise arc and angle bending
10 milling machines for complex plane, bevel, and groove machining

Packing & Shipping

Strict warehouse management with manual packaging and comprehensive quality inspection before delivery.

Quality Certifications

Company History

2004: Recognized Brand of Building Industry Material Market

2006: ISO9001 Certification & Product Quality Exemption
2009: Advanced Company & Jiangsu Famous Brand
2012: Established partnerships with Panasonic and LG
2015: Innovative producer and supplier for European clients
2017: Developed new baseboard heater products
2019: Supplier for world's largest heater manufacturers
2023: Expanding overseas distribution network

Featured Projects

Soccer City Stadium, Johannesburg

Main aluminum supplier for Africa's largest stadium (94,000 seats), delivering exceptional quality for major construction projects.

Lobster Trailers Partnership

Collaboration with Nordic trailer giant, providing design optimization and precision manufacturing to reduce costs and enhance performance.

School Furniture Project

Supplied aluminum desk legs for local customer's successful school project bid, demonstrating our design and technical capabilities.



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