



6000 Series Anodized Aluminum Elevator Profile with Customized Dimensions for Construction

Our Product Introduction

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

Basic Information

- Certification: SONCAP, ISO, RoHS, TUV
- Minimum Order Quantity: 500
- Price: 1



Product Specification

- Grade: 6000 Series
- Temper: T3-T8
- Alloy Ingredient: 6063
- Surface Finishing: Anodic Oxidation
- Surface Treatment: Anodizing/Powder Painting/Electrophoresis
- Thickness: 0.8 - 5.0mm
- Anodized Thickness: 8 - 25um
- Powder Coated Thickness: 60 - 120um
- Size: 3m - 6m Per Piece
- Tensile Strength: $\geq 160\text{Mpa}$ (T5), $\geq 205\text{Mpa}$ (T6)
- Yield Strength: $\geq 110\text{Mpa}$ (T5), $\geq 180\text{Mpa}$ (T6)
- Elongation: $\geq 8\%$
- Production Capacity: 50000PCS/Month
- Extrusion Size: 400*150mm, $\varnothing 360$
- MOQ: 500kgs



More Images



Product Description

Custom Aluminum Extrusion Profiles for Construction & Elevators

Our 4500T grade extrusion machine enables production of any section within 400×150mm and φ360 dimensions. We welcome your custom drawings and provide comprehensive OEM services including fully assembled premium grade window and door systems.

Product Specifications

Item	Oxidation Construction Aluminum Profile / Aluminum Elevator Profile
Material	Aluminium 6000 series alloy: 6063, 6005, 6061
Temper	T4, T5, T6
Size	3m - 6m per piece, or customized
Shape	Round, square, flat, hollow, oval, triangle, U-profile, L-profile, T-profile, customized available
Thickness	0.8 - 5.0mm
Application	Elevator systems

Surface Treatment Options

Surface Treatment	Mill-finish, anodized, powder coated, electrophoresis, brushed
Anodized Colors	Silver, black, champagne, bronze, gold or customized
Anodized Thickness	8 - 25µm
Electrophoresis Colors	Silver, black, champagne, bronze, gold or customized
Powder Coated Colors	Customized
Powder Coated Thickness	60 - 120µm
Guarantee	Surface color stability for 10-20 years indoor use

Packaging Solutions

Bundles Packing	Inside: EP foam protection; Outside: Waterproof craft paper wrapping
Carton Packing	Inside: Individual plastic bags; Outside: Multiple pieces per carton
Wood Pallet Packing	Inside: Bundles or cartons; Outside: Multiple units on wood pallet
Customized Requirements	Available upon request

Service Details

MOQ	500kg per item; 13-15 tons for 20GP; 25 tons for 40HQ
OEM Service	Drawing, sample or design service provided by customer
Production Capacity	5,000 metric tons monthly
Deep Processing	CNC, drilling, milling, cutting, bending, tapping, welding, assembling, punching
Brand Name	HENTEC
Certifications	ISO9001-2008, ISO14001, SGS
Delivery Time	Die development: 12-18 days; Mass production: 20-30 days after sample confirmation
Payment Terms	T/T, L/C
FOB Port	Shanghai
Settlement Terms	Final actual weight or drawing theoretical weight

Applications

Industrial aluminum profiles for automotive, railway, machinery, electronics, medical equipment, and various industrial applications. Used as essential auxiliary materials in hardware, machinery, electromechanical parts, solar PV products, radiators, fitness equipment, construction, lighting instruments, ventilation ducts, and oil pipelines.

Competitive Advantages

Engineering Design & Support

Professional R&D team for design optimization and technical assistance

Deep Processing Capabilities

Comprehensive machining services including cutting, punching, drilling, milling, and fabrication

Quality Assurance

Strict inspection during production and comprehensive pre-shipment quality control

Product Warranty

15-year product performance guarantee

Technical Data

Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurity	Al
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	Rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	Rest
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	-	0.15	0.1	0.15	Rest
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1	0.1	0.15	Rest

Mechanical Properties

Alloy	Temper	Tensile Strength	Yield Strength	Elongation
6063	T5	≥ 160MPa	≥ 110MPa	≥ 8%
6063	T6	≥ 205MPa	≥ 180MPa	≥ 8%
6061	T6	≥ 265MPa	≥ 245MPa	≥ 8%

Technical Support

Our comprehensive technical support includes:

Custom design services with CAD drawings and 3D models for profile development

Professional R&D team analysis and design optimization to reduce costs and enhance performance

Complete "one-stop" service from product design to surface treatment with full quality control

Manufacturing Capabilities

Extrusion

44 aluminum extrusion lines with PLC control systems, including a 6800-ton unit for profiles up to 600mm diameter. Custom mold production for complex structures with R&D support for cost-effective solutions.

Anodizing

6 anodizing production lines producing uniform oxidation films (8-25µm) in various colors. Strict quality control ensures consistent color and

appearance across production batches.

Painting

4 powder spraying lines using Gema Switzerland nozzles with environmentally friendly, durable paints for excellent adhesion and color retention.

CNC Machining

Advanced machining equipment including 12 PRATIC machining centers for profiles up to 6 meters, automatic cutting machines from Wegoma, 30 punching machines (50-100 tons), bending machines, and milling equipment for comprehensive fabrication services.

Quality Packaging & Shipping

Manual packaging with strict warehouse management procedures. Organized storage systems with comprehensive inspection before delivery.

Certifications

Company History

Established reputation in building industry materials since 2004 with continuous growth and innovation:

- 2004: Recognized brand in building industry material market
- 2006: ISO9001 certification and product quality exemption
- 2009: Advanced company status and Jiangsu famous brand
- 2012: Partnerships with Panasonic and LG
- 2015: Innovative supplier for German clients
- 2017: Development of baseboard heater products
- 2019: Supplier for world's largest heater manufacturers
- 2023: Global distributor network expansion

Notable Projects

Soccer City Stadium, Johannesburg

Main aluminum supplier for Africa's largest stadium (94,000 seats). The project received unanimous praise upon completion.

Lobster Trailers

Collaboration with Nordic trailer giant featuring design optimization and advanced processing to minimize costs and enhance product performance.

School Desk Project

Supplied aluminum legs for school desks, supporting local customer Dadn in winning school project bids through strong design and manufacturing capabilities.



+86-13861643436

aluminum@hentec.com.cn

aluminumextrusion-profiles.com

Qinfeng Road No.555 Huashi Town Jiangyin Jiangsu China (mainland) 214421