



## 80 \* 80 Industrial Aluminium Profile Assembly Line For Office Partition / Machinery

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE ,ISO14001:2004, ISO9001:2000
- Minimum Order Quantity: 1 ton
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



### Product Specification

- Product Name: Assembly Line
- Alloy: 6063,6061,6005
- Material: Aluminum
- Surface Treatment: Powder Spray Coated
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T4, T5, T6
- Highlight: **modular aluminium profile system,  
custom aluminum extrusions**

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## Product Description

### 30\*30 / 40 \* 40 / 40 \* 80 / 80 \* 80 Industrial Aluminium Profile Assembly Line For Office Partition / Machinery

#### Aluminum Features:

- 1 ) Industrial aluminum surface after oxidation , the appearance is very beautiful, and dirt
- 2 ) oil is easy to clean once painted , assembled into products , depending on the load-bearing profiles of different specifications , and aluminum parts using the companion
- 3 ) does not require welding, more environmentally friendly , and the installation , removal, carry, move very convenient.

#### Description:

Billet	Aluminum 6000 series based on customers' request.
Temper	T5, T6
Surface treatment	mill finished, anodized, powder coating, polished, sand blasting
Various colours	Silver , gold, bronze, black, blue, grey, red, champagne etc
Machining	Cutting, punching, drilling, milling, bending, welding, CNC etc
Length	6 meters or customized
Sizes	all kinds based on your needs
Application	decoration, building or construction
Moulding	open new mould about 7 days
Samples	Free all the time
Price	We have our own factory so that we offer the more competitive price
quality	Toppest steel raw materials,skilled workers to provide good quality products
Main Markets	North America,Easten Europe,Mid East,Westen Europe,South Asia,Australia&New Zealand

1. Alloy :6063,6061,6005 or according to customer' s choice
2. Material:Aluminum
3. Surface Treatment: Mill Finished,Anodized ,Electrophoretic coated,Powder spray coated,Fluorocarbon powder spray coated /PVDF Paint, Drawbench,Steel polished,Wood grain coated /Wooden transfer .
4. Deep process: Milling, Drilling, Bending,Cutting.
5. Application:  
Industry Aluminum profile used in cars, trains machinery ,electronics, medical and other industrial filed . In terms of hardware, machinery, electromechanical parts, solar PV products, aluminum frames are adopt as important auxiliary materials. We also have aluminum profiles for radiators, fitness machinery, buildings, lighting instrument, windpipes, oil pipelines, for instance.
6. Color:clear, satin, bronze, black, golden, silver, other multicolor
7. Temper: T4, T5, T6 ,T66

#### Application :

Stock Aluminum Extrusions aluminum extrusion profile :  
Mainly used for industrial production , such as automation equipment , enclosure of the skeleton and the companies according to their own customized mold machinery and equipment , such as assembly line conveyor , hoist, dispenser, testing equipment, shelves , etc., electronic machinery industries and clean room with a gain majority.

#### Advantages:

- 1),to facilitate the construction : a modular and multi-functional, without complex design and processing , you can quickly frame the ideal machinery coat.
- 2),beautiful and practical : light and high rigidity, simple and beautiful appearance .
- 3),Strong scalability : The unique T-type, groove design , the installation of components without demolition profiles can be installed anywhere in the nut screws , modified equipment is simple and quick.

#### Main products :

Anodized aluminum, electrophoretic coating aluminum , electrostatic powder coating aluminum and oxygen barrier broken bridge aluminum , wood brick in aluminum , PVDF coating aluminum, Sliding window , casement series , every thermal bridge series , general decoration series, curtain series, industrial profile series.

#### Specifications:

## 1. Primary Technical Data

### 1) 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

### 2) Mechanical property

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

公司图号	横 图	线密度 kg/m	公司图号	横 图	线密度 kg/m
HT-745		1.292	HT-752		1.646
HT-746		0.786	HT-753		2.952
HT-747		2.524	HT-754		2.015
HT-749		0.464	HT-767		1.522
HT-750		0.808			
HT-751		1.616			

### Competitive Advantage:

- 1) Engineering design and support.
- 2) Aluminum profiles deeply processing:cutting,punching,drilling,milling,and fabricating.
- 3) High Quality system, strictly inspection during production and whole inspection before package.
- 4) Good performance, product warranty for 15 years.



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