

YEFONG

 *Yefong Aluminium*



**PREMIUM
ALUMINIUM SOLUTIONS**
ALUMINIUM ALLOY MILL

YEFONG ALUMINIUM INDUSTRIAL LTD.
Address : No. 588, Pugong Rd., Xinwu Dist., Taoyuan City 327009, Taiwan
Phone : +886 3 477 3677
www.ye-fong.com

MADE IN TAIWAN



YEFONG

**PREMIUM
ALUMINIUM
SOLUTIONS**

MADE IN TAIWAN

YEFONG ALUMINIUM ALLOY MILL

YEFONG ALUMINIUM, a Taiwanese aluminum alloy manufacturer, boasts an integrated production line encompassing indirect /direct extrusion presses, straightening, cold drawing, and heat treatment processes. With a commitment to customization, the company offers comprehensive product development, technical consulting, and technical services tailored to global clients' unique requirements, ensuring quality and precision in every aluminum solution delivered.

YEFONG meets the following International and industry standards; NADCAP (Heat Treating & NonDestructive Testing), AS9100, DNV, ABS, ISO 9001, ISO 14001, AMS-WW-T-700/ AMS-QQ-A-200/ AMS-QQ-A-225/ AMS-QQ-A-250/ ASTM/ DIN/ JIS/ BS(BS-L168) / EN, etc.

YEFONG specializes in the following aluminium materials; 7075, 7475, 7055, 7050, 4032, 2024, 2014, 2124, 6061, 6082, 5083, 5052 to list a few.

YEFONG



ASTM INTERNATIONAL



INTERNATIONAL



FOUNDED 1862



TUV NORD CERT
DIN EN ISO 14001



ALUMINIUM

Driving the Future of Aluminium Solutions

We envision a future where Aluminium innovations lead the way to sustainable solutions.

Our mission is to continuously improve our quality, honor our green commitment, build trust and meet high expectations in the Aluminium industry.

Our Journey of Aluminium Mastery

The worst kept secret is out. In an industry dominated by large and established corporations, there is one player who is making giant waves. And attracting an awful lot of attention. And praise. A growing Aluminium supplier of bars, tubes, plates, and wire rods is shaking up the order. Building strong global recognition and partnerships wherever it goes. YEFONG is making a significant impact with its unbeatable levels of quality Aluminium products for the aerospace industry. With what some would say the most efficient operation around, paired with outstanding delivery performance, we are establishing ourselves as a serious manufacturer in markets and industries across the world. Our ability to produce customized orders for the most demanding clients is being touted as the breath of fresh air that many have been searching for. Tucked away in Taiwan (Asia), YEFONG has grand ambitions. Now that the secret is out, we invite you to discover, experience, and appreciate what makes us so different. So special.

YEFONG. PREMIUM ALUMINIUM SOLUTIONS



ENGINEERING POSSIBILITIES

- We specialize in High Strength Aluminium Alloys such as 2024, 7050, 7075
- Aluminium Alloy available in 7075, 7475, 7055, 7050, 4032, 2024, 2011, 2014, 2017, 2117, 2124, 6061, 6082, 5083, 5052, 5056, 5086
- Customized Tempers and Stress Relief Tempers
- Timely Execution & Agile Operations Define Our Approach

ALUMINIUM ALLOY

WIRE / ROD

- Available alloys : 7075, 7050, 2024, 2011, 2014, 2117, 6061, 6056, 6082, 5056, 5052...
- Type : Redrawn Rod / Finished Wire
- Diameter : 2mm – 32mm (0.08” – 1.259”)
- Hot Rolled Production + With no Welding Joints
- Mainly for aerospace & automotive fastener materials applications

HOT ROLLED PLATE

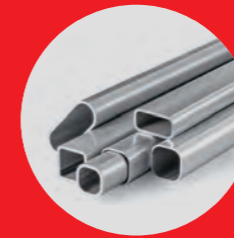
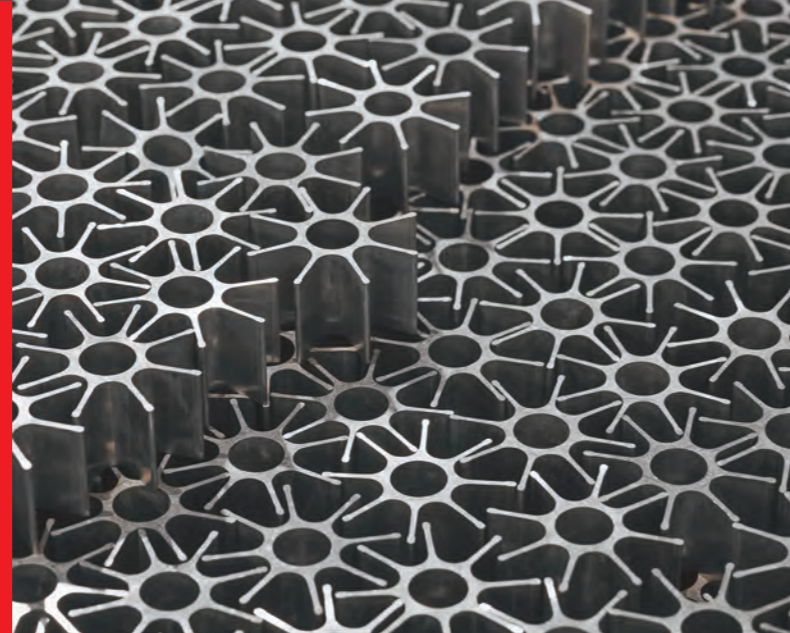
- Available alloys:7075, 7050, 7475, 7055, 2024, 2014, 6061, 6082, 5083, 5052, 5086...
- Aerospace material conforms to AMS-2154
- AMS temper: T351, T651, T7351, T7751, T851, H321, H116, H131
- NADCAP (Heat Treating & NonDestructive Test)
- ABS certificate : 5083-H321/H112 ; 5086-H116/H321
- DNV certificate : 5083-O/H111/H112/H116/H321

EXTRUSION

- Available alloys : 7075, 7475, 7055, 7050, 4032, 2024, 2014, 2017, 2117, 2017, 6061, 6082, 6056, 5083, 5052, 5056 ...
- Type :
Extruded & drawn seamless tubes
Extruded & cold finished bars (Round/Square/Flats/Hex)
Variety of profile shapes
- Production Capability :
Extruded tube :
OD 19.05 ~ 200mm (0.75” ~ 7.87”)
thickness 1.9mm ~ 60mm (0.075” ~ 2.35”)
Drawn tube :
OD 6.35mm ~ 101.6mm (0.25” ~ 4”)
thickness 0.8mm ~ 5mm (0.032” ~ 0.2”)
Bar :
Extruded round bar : OD 15.88 ~ 250mm (0.625” ~ 10”)
Drawn bar : OD 5mm ~ 127mm (0.197” ~ 5”)
Flat bar : cross sectional 6.35mm ~ 250mm (0.25” ~ 10”)
Stretched bar up to 203mm (8”)

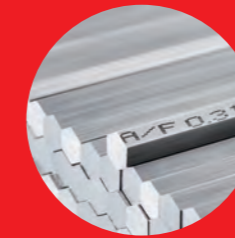
DELIVERING QUALITY

- Aluminium Hot Rolled Wire/ Rod (Redraw Rod/ Finished Wire)
- Aluminium Extrusion & Cold Finished (Drawn) seamless Tube, Bar, Profile
- Aluminium Hot Rolled Plate
- Customized Solutions with Tailor-Made Specifications



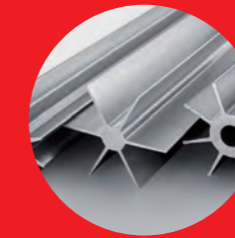
SEAMLESS TUBE

Extruded & Drawn
Seamless Tubes



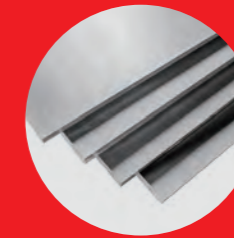
BAR

Extruded & Cold
Finished Bars
(Round/Square/Flat/Hex)



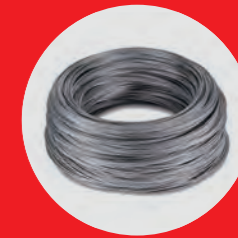
PROFILE

Various Shapes
(Tail Fin/Sabot/
Aircraft Component)



PLATE

High Strength &
Medium Strength



WIRE / ROD

For Aerospace &
Automotive Fasteners

WHY DO OUR CUSTOMERS CHOOSE YEFONG ALUMINIUM & STAY WITH US?

Partner with us for your Aluminium Alloy solutions.



• Unrivaled Aerospace-Grade Manufacturing

YEFONG ALUMINIUM stands as one of the select mills globally equipped with comprehensive in-house capabilities to produce aerospace-grade aluminium products. Our portfolio includes premium aluminium alloy plates, tubes, bars, profiles, and wire rods through our state-of-the-art hot rolling process.

• Certifications of Excellence

We are proud to maintain a suite of esteemed certifications, evidencing our commitment to quality and excellence. Our credentials include ISO 9001, ISO 14001, and AS9100, along with industry-specific approvals such as ABS, DNV, and dual NADCAP accreditation for Heat Treating and Non-Destructive Testing.

• Trusted by Industry Leaders

Our expertise is recognized and trusted by the most prominent names across critical sectors, including aerospace, military & defense, automotive, marine ship building, medical, commercial and high precision machining, etc. YEFONG ALUMINIUM is synonymous with reliability and precision in advanced alloy manufacturing.

• Customized Solutions

At YEFONG ALUMINIUM, we understand that every client has unique requirements. We offer fully customized tempering options, including stress relief services, tailored to meet your specific application needs.

• Innovative Engineering and Design

Our commitment to innovation is unwavering. YEFONG ALUMINIUM provides exceptional engineering development and process design services, ensuring that our clients stay at the forefront of technology and efficiency.

LEADERSHIP IN PROGRESS

Our clients benefit from personalized solutions crafted to meet their unique specifications.

The alloy we utilize ranges from the 2000 to 7000 series. Our core competency lies in the production of Aluminium Alloy mill finish material for the aerospace industry, including high-strength alloys like 7075-T7351 and 2024-T351, as per AMS standards.

Our customized solutions with unique specifications are widely adopted in a variety of industrial applications:

- Aerospace
- Military & Defense
- Automotive
- Marine Ship Building
- Medical
- Commercial
- High Precision Machining
- And More



Uncompromising Quality Standards

At YEFONG ALUMINIUM, we take immense pride in our continuous innovation. Our capability to research and develop new types of alloys allows us to meet the most challenging requirements of our clients. Over the years, our R&D Team has created and developed over 100 innovative alloy applications for the aerospace industry, with some developed in cooperation with the National Central University Taiwan.



YEFONG PREMIUM ALUMINIUM SOLUTIONS

YEFONG ALUMINIUM QA LABORATORY :

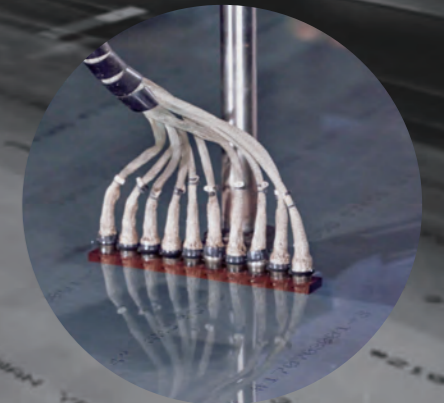
- Chemical & Metallurgical Analysis
- Electrical Conductivity Test
- Mechanical Tests (Tensile/ Yield/ Elongation)
- Immerse Ultrasonic Test, also within Contact Type & Eddy Current Test
- We undergo and/or comply with any other specific test required by an individual client.

OTHER 3RD PARTY CONDUCTED TESTS INCLUDE;

- Stress Corrosion Cracking Test
- Fracture Toughness Test
- Exfoliation Corrosion Test
- Residual Strength Test
- Compressive Yield Strength Test
- Intergranular Corrosion Test
- Ballistic Test
- Other



IMMERSE ULTRASONIC TEST (AMS-STD-2154)



TRIED

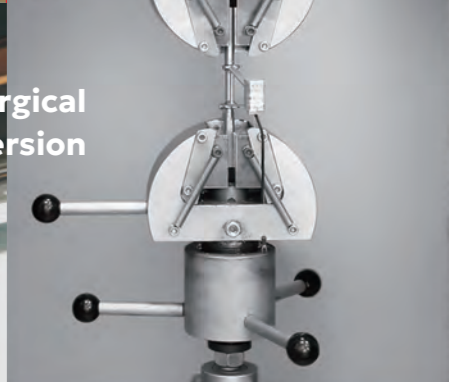
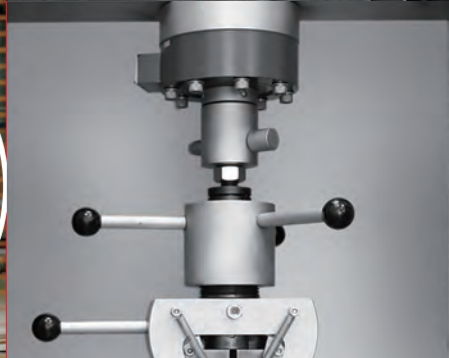
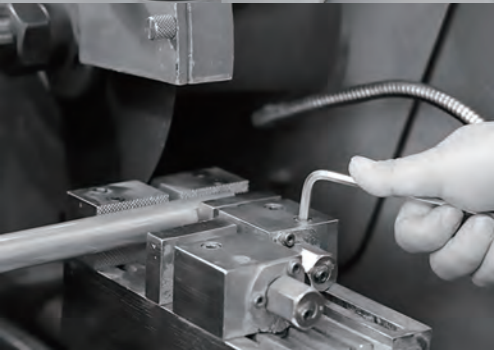
TESTED



We rigorously conduct Mechanical Tests, Chemical & Metallurgical Analysis, Electrical Conductivity & Eddy Current Tests, Immersion Ultrasonic Tests, to name a few.

QA Laboratory Equipment Includes :

- Tensile Testing Machine
- Polisher
- Hot Mounting Press
- Precision Sectioning Machine
- Micro Structural Analyzer
- Spectral Chemical Composition Analyzer
- Image Measuring Projector
- Rockwell Hardness Tester
- Conductivity Tester
- NADCAP-Immersion Ultrasonic Test (NonDestructive Testing)
- For a full list, please contact us.





PIONEERING INNOVATION IN ALUMINIUM

Technology that Shapes Tomorrow

Milestones in innovation

YEFONG ALUMINIUM 's commitment to R&D and sustainability, Personnel Training and Collaboration with Universities.

YEFONG's dedication to quality extends to its personnel. We invest in training our staff to have a strong foundation of material knowledge, ensuring they can provide professional technical support promptly when customers encounter any issues. This commitment to staff execution is complemented by our core leaders' training, aimed at improving employee skills and service quality. Additionally, YEFONG ALUMINIUM collaborates closely with NCU Institute of Material Science and Engineering and the Department of Mechanical Engineering. This research partnership equips YEFONG ALUMINIUM with technical equipment and the drive to keep growing. The mutual support between industry and the university fosters innovative ideas.



SUSTAINABLE ALUMINIUM SOLUTIONS

Eco-Friendly Practices. A Greener Tomorrow.

- Environmental initiatives
- Impact on sustainability and taking a responsible approach
- Non-Conflict Minerals Policy

At YEFONG Aluminium Industrial Ltd., we uphold a strong commitment to ethical sourcing and environmental responsibility. We strictly adhere to the 'NO PROCUREMENT, NO USE OF CONFLICT METALS' policy, ensuring that our products do not contain conflict minerals. We are dedicated to contributing toward a more sustainable and responsible supply chain.



CUSTOMER REFERENCE

