

# 丛林铝业科技 (山东) 有限责任公司介绍

Conglin Aluminum Technology(Shandong) Co., Ltd

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2024



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**01**  
Part

**公司概況**

**General Situation**

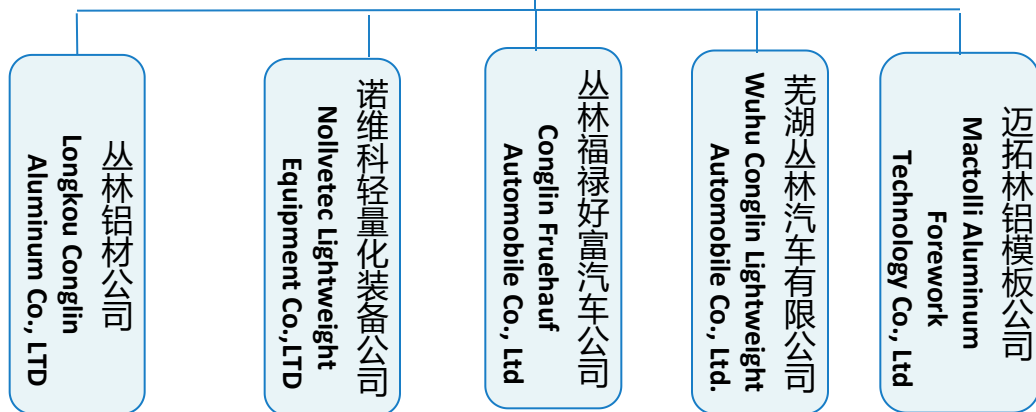


- 丛林铝业科技(山东)有限责任公司是安徽海螺创业集团、中银信控股集团集团公司重组原丛林集团铝加工产业而成立的公司，承接了原丛林铝业的有形资产、无形资产和人才团队，现有员工1200余人。Conglin Aluminum Technology(Shandong) Co., Ltd was reorganized and taken over of Aluminum related industries including Tangible and intangible assets and talent team and more than 1200 staffs by both Anhui Conch Venture Group and CFT Holding Group,
- 丛林铝加工产业起始于1992年，现已发展成为国内最专业的高端工业铝型材和铝合金终端产品研发制造企业。Aluminum related industries of Conglin start from 1992 and has become top professional company in high-end industrial aluminum profiles and aluminum alloy end products R&D and manufacturing.



## 丛林铝业科技公司

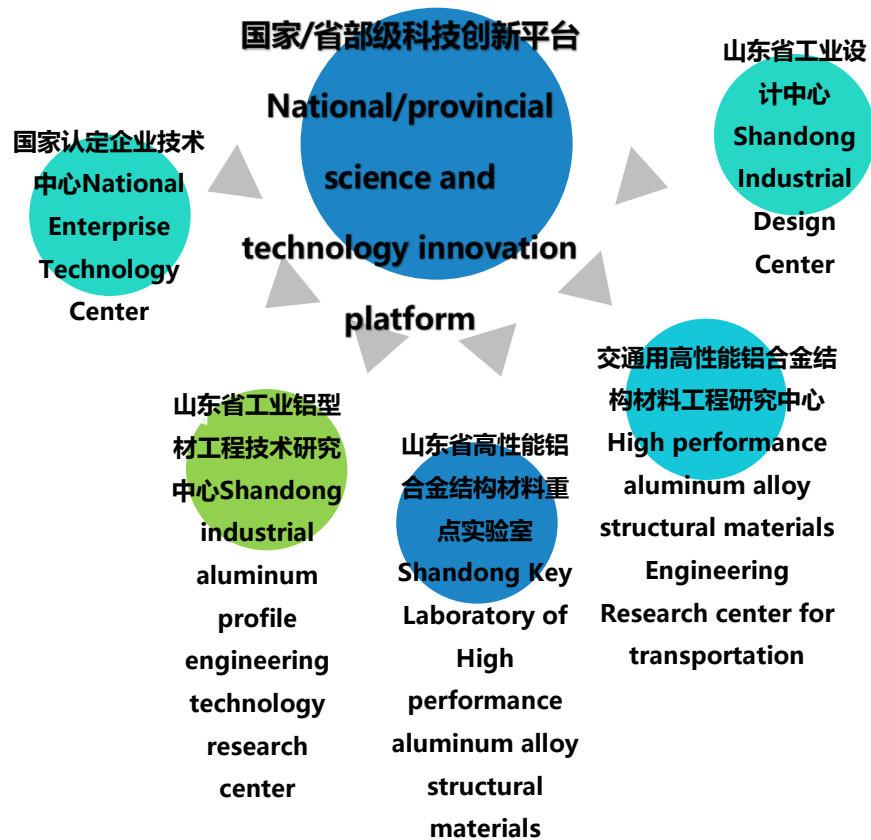
Conglin Aluminum Technology  
(Shandong) Co.,Ltd.





## 研发实力Innovation Platform

公司是国家创新型企业，拥有多个国家和省部级科技创新平台，研发能力强大。The company is a national innovative enterprise with multiple national and provincial level technology innovation platforms and strong research and development capabilities





- 高端工业铝合金材料及铝合金轻量化产品和技术填补了多项国内空白。Products and technologies of high-end industrial aluminum alloy materials and lightweight equipment have filled a number of domestic gaps .
- 以第一完成单位获得4项国家级大奖：2004年“万吨铝挤压技术与装备研制”项目获得国家科技进步一等奖；2015年“高性能大规格复杂截面铝型材研制与应用”项目获得国家科技进步二等奖；2011年“高铁车体铝型材研制”项目获得中国工业大奖表彰奖；2008年“万吨油压双动铝型材挤压生产系统”获得中国专利金奖。It has won 1 first prize of National Science and Technology Progress Award in 2004, 1 second prize of National Science and Technology Progress Award in 2015, 1 China National Industry Award Commendation Award in 2011, 1 China Patent Gold Award in 2008.
- 获得国家发明专利53项。
- Obtained 53 national invention patents .
- 主持制订了《轨道列车车辆结构用铝合金挤压型材》《汽车用铝合金挤压型材》《全铝桥梁结构用挤压型材》3项国家标准和《渔船铝合金上层建筑检验技术要求》行业标准。
- Presided over the formulation of " Aluminum Alloy Extrusion Profiles for Rail Train Vehicle Structure ", " Aluminum Alloy Extrusion Profiles for Automobiles ", " Extrusion Profiles for All-Aluminum Bridge Structures ", " Technical Requirements for Inspection of Aluminum Alloy Superstructures for Fishing Boats " and other countries and industry standards .
- 完成了国家发改委、科技部、山东省重大科研项目20余项。
- Completed 6 major scientific research projects of the National Development and Reform Commission and the Ministry of Science and Technology .



# Contents

**02**  
Part

**铝合金材料产业**

**Aluminum Alloy Material  
Industries**



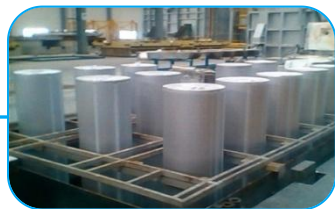
装备能力  
Equipment

检测能力  
Testing

资质体系  
Certification

主导产品  
Products

高端客户  
Customers



铝合金熔炼铸造  
Aluminum casting



模具设计制造  
Dies design



挤压加工  
Extrusion



工业铝型材  
Aluminum profiles

丛林铝型材产业有30年的发展历史，专业从事高端工业铝型材的研发制造，是国内最具影响力的工业铝型材研发制造企业。装备能力、技术水平、主导产品市场占有率国内领先。Conglin has professionally engaged in R&D of high-end industrial aluminum alloy structural material for 30 years, is the most influential in this field with top equipment capacity, technology level and popular leading product market share in China.

- ✓ 装备能力：拥有10000t、9000t、8000t、7000t、6000t、5600t、4400t、4000t、3600t、3000t、2700t、2000t、1000t等配置合理的挤压生产线15条，可进行大、中、小规格型材的生产。Equipment: possess 15 extrusion lines from 1000t to10000t, with the capacity of extruding much kinds of sizes profiles.
- ✓ 工艺链完整：拥有4条先进的铝合金熔炼铸造生产线、世界一流的挤压模具柔性加工生产线，可自主进行新合金成分的开发与挤压模具的设计制造，开发能力强大。Process chain: possess 4 advanced aluminum alloy casting lines and world-class mold flexible production lines to make it easy to develop new alloy and design extruding dies.
- ✓ 产品规格：可生产宽950mm、直径580mm、长30m的特大型工业铝合金型材/管材。Product Specifications: the max specification of profiles is 650mm in width, 580mm in diameter and 30m in length.



## ■ 丛林铝业检测中心是CNAS国家级认可实验室

拥有扫描电镜、疲劳试验机（高频、低频）、电感耦合等离子体发射光谱仪（ICP）等国际先进的试验检测设施。可进行铝合金材料的化学成分、组织、力学性能、疲劳性能、抗腐蚀性能等检测与分析。With international advanced testing and testing facilities such as scanning electron microscope, fatigue testing machine (high frequency, low frequency), inductively coupled plasma emission spectrometer (ICP), etc : it can test the chemical composition, internal structure, mechanical property and corrosion resistance of aluminum alloy materials.

装备能力  
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## ■ 丛林铝业拥有完善的质量保证体系和行业最高级别的资质认证 Conglin Aluminum

### obtained perfect quality assurance system and the highest certification

- ✓ 通过了**武器装备质量管理体系**和**武器装备科研生产保密二级资质认证**，正在办理**装备承制资格A类资质**。  
Obtained weapon equipments quality management system and weapons development and producing confidentiality L2-certification.
- ✓ 通过了ISO9001、ISO14001、ISO45001等质量、环境和职业健康安全认证；Obtained ISO9001, ISO14001,ISO45001 and more quality, environment and professional health safety certifications.
- ✓ 通过了ISO/TS22163（国际铁路行业，原IRAS）、IATF16949（国际汽车行业）、EN15085（铁路行业焊接体系）等认证；Obtained ISO/TS22163( International Railway Industry, formerly IRAS), IATF16949( International Automotive Industry), EN15085( Railway Industry Welding System) certifications, etc.
- ✓ 通过了DNV（挪威船级社）、ABS（美国船级社）、LR（英国劳氏船级社）、CCS（中国船级社）等认证；Obtained DNV, ABS, LR and CCS, etc.

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- 主导产品：轨道交通车辆、轻量化汽车用高性能结构铝型材。
- Main products: railway transit vehicles, High-performance structural aluminum profiles for lightweight automobiles

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主导产品  
Products

高端客户  
Customers





- 主导产品：新能源汽车零部件用高性能结构铝型材
- Main Products: high-performance structural aluminum profiles for green energy vehicle parts

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主导产品  
Products

高端客户  
Customers





- 主导产品：船舶海工、集装箱、电力、建筑结构、机电装备、军工等领域用高性能结构铝型材。

Main Products: High-performance structural aluminum profiles for shipbuilding and marine engineering, containers, electric power, building structures, mechanical and electrical equipment, military and other fields.

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 中车青岛四方机车车辆股份有限公司  
CRRC QINGDAO SIFANG CO., LTD.

 中车长春轨道客车股份有限公司  
CRRC CHANGCHUN RAILWAY VEHICLES CO., LTD.

 中车南京浦镇车辆有限公司  
CRRC NANJING PUZHEN CO., LTD.

 中车广东轨道交通车辆有限公司  
CRRC GUANGDONG CO., LTD.

 中车成都机车车辆有限公司  
CRRC CHENGDU CO., LTD.







韩国现代



丹麦马士基



中集集团



比亚迪



# Contents

**03**  
Part

**铝合金产品深加工产业**

**Aluminum Alloy Machining  
Industries**



# 铝合金产品深加工产业 Aluminum Alloy Machining Industries

CONCH



铝合金产品深加工产业，依托丛林高端铝合金材料生产优势，通过技术创新、产品创新和产业创新，研制开发铝合金终端化、高端化、集成化产品，拓宽铝的应用，延伸产业链条，提高附加值。重点发展轨道车辆车体模块、铝合金轻量化汽车、汽车零部件、军工、铝合金结构工程、铝合金建筑模板等产业。





轻量化装备  
Lightweight  
equipment

轻量化汽车  
Lightweight  
automotives

铝结构  
Aluminum  
structure

铝模板  
Aluminum  
template

- **诺维科轻量化装备公司**创建于2003年，专业从事轨道交通车辆（高铁、动车、地铁）车体模块、海工装备、大型铝合金结构件等轻量化装备的研发制造。Shandong Nollvetec Lightweight Equipment Co.,Ltd, founded in 2003, specializing in the R&D and manufacturing of lightweight equipment such as rail transit vehicles (high-speed rail, bullet trains, subways), offshore equipment, and large aluminum alloy structural parts.
- 公司是中国中车、法国阿尔斯通、庞巴迪、中国船舶等客户的主要供应商。As the main supplier of CRRC, Alstom, Bombardier, China Shipbuilding and other customers.
- 公司拥有世界先进水平的IGM大型自动焊接生产线、FOOKE五轴数控龙门加工中心等完整的加工工艺和装备，可满足各类铝合金轻量化装备的生产制造。Possessed world's advanced level of IGM large-scale automatic welding production line, FOOKE five-axis CNC gantry machining center and other complete processing technology and equipment, which can meet the production and manufacturing of various aluminum alloy lightweight equipment.
- 公司通过了ISO/TS22163（国际铁路行业标准）、EN15085-2 CL1（国际最高级别铝合金焊接资质）、武器装备质量管理体系和武器装备科研生产保密二级资质认证等体系认证。拥有一支由国际焊接工程师、焊接技师、焊接质检师组成的高素质的人才队伍，试验检测设备完善，具备研发生产高端铝合金轻量化装备的生产资质和条件。Obtained ISO/TS22163, EN15085-2 CL1, weapons and equipment quality management system and weapons and equipment scientific research and production confidentiality level 2 qualification certification. It has a high-quality talent team composed of international welding engineers, welding technicians and welding quality inspectors, complete testing and testing equipment, and has the production qualifications and conditions for R&D and production of high-end aluminum alloy lightweight equipment.
- **专业优势：铝合金产品设计开发、铝合金结构件焊接、数控加工、型材折弯、总装集成。Professional advantages: aluminum alloy product design and development, aluminum alloy structural parts welding, CNC machining, profile bending, assembly integration.**



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template



自动焊接机器人 120m×11m  
Automatic welding robot



自动焊接机器人 120m×3.4m  
Automatic welding robot



搅拌摩擦焊机: 4m×8m  
Friction Stir Welding



高级焊工: 40余人  
Senior welder: more than 40



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Lightweight  
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铝结构  
Aluminum  
structure

铝模板  
Aluminum  
template



五轴龙门加工中心 60m×4.1m×1.2m  
Five-axis gantry machining center



五轴龙门加工中心 30m×4.7m×1.2m  
Five-axis gantry machining center



四轴加工中心 26m×1.4m×0.975m  
Four-axis gantry machining center



折弯机  
Bending Machine



轻量化装备  
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template



轨道车辆顶棚  
Rail vehicle roofs



轨道车辆侧墙  
Side walls of rail  
vehicles



折弯件  
Bent parts



铝合金天桥  
Aluminum alloy flyover



铝合金房车底架  
Aluminum alloy RV underframe



江水槽  
River sink



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- 丛林福祿好富汽车公司位于山东省龙口市，创建于2011年，是中日合资企业，国家高新技术企业；Shandong Conglin Fruehauf Automobile Co., Ltd located in Longkou City, Shandong Province, founded in 2011, is a Chinese-Japanese joint venture and a national high-tech enterprise;
- 芜湖丛林轻量化汽车公司位于安徽省芜湖市，创建于2020年，是丛林铝业为扩大产能，满足华东、华南市场需求而创立的公司，是国家高新技术企业；Wuhu Conglin Lightweight Automobile Co., Ltd located in Wuhu City, Anhui Province, was founded to expand production capacity and meet the market demand in East China and South China, and is a national high-tech enterprise in 2020.
- 公司具备汽车改装资质，已获得公告目录50余个，通过了TS16949体系、CCC、ISO9001等体系和资质认证。The company has the qualification of automobile modification, has obtained more than 50 announcement catalogs, and has passed the TS16949 system, CCC, ISO9001 and other systems and qualification certifications.
- 汽车公司专业从事全铝厢式半挂车、冷藏保温车、翼展车、集装箱骨架车、各类铝合金货厢、冷藏厢的研发和生产，及废旧铝合金货厢、车架的回收与拆解；The automobile company specializes in the R&D and production of all-aluminum van semi-trailers, refrigerated and insulated vehicles, wingspan cars, container skeleton cars, various aluminum alloy cargo compartments and refrigerated compartments, as well as the recycling and dismantling of waste aluminum alloy cargo compartments and frames
- 产品广泛应用于电商物流、制造业配送、冷链物流、甩挂物流等领域，是韵达、圆通、极兔、德邦、京东、顺丰、云南烟草等大型物流企业的主要供应商。The products are widely used in e-commerce logistics, manufacturing distribution, cold chain logistics, throw-and-hang logistics and other fields, and are the main suppliers of large logistics enterprises such as Yunda, Yuantong, J&T, Debang, Jingdong, SF Express, Yunnan Tobacco, etc.
- 铝合金挂车重量轻，比钢车减重30%以上，节能减排增加运输效益效果显著，单车年可节省运费15万元；外形美观，耐腐蚀，维护成本低，回收价值高。The aluminum alloy trailer is lightweight, more than 30% less than the steel car, and the effect of energy saving and emission reduction is significant in increasing transportation efficiency, and the annual freight can be saved by 150,000 yuan. Beautiful appearance, corrosion resistance, low maintenance cost, high recovery value



轻量化装备  
Lightweight  
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template



铝合金厢式半挂车 Aluminum alloy vans semi-trailer



铝合金翼展车 aluminum alloy wingspan van



铝合金冷藏车 aluminum alloy refrigerated van



轻量化装备  
Lightweight  
equipment

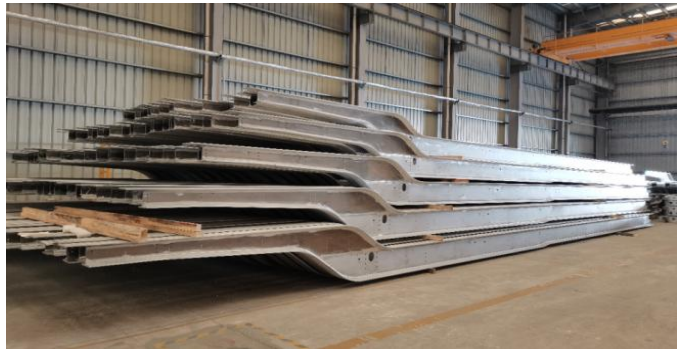
轻量化汽车  
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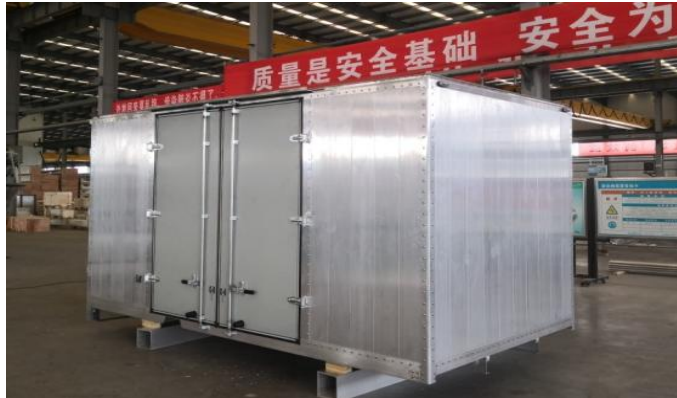
铝合金骨架车 aluminum alloy skeleton van



半挂车铝合金大梁 Semi-trailer aluminum alloy



大型铝合金货箱 Large aluminum alloy cargo box



铝合金轻卡货箱 Aluminum alloy light truck cargo box



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template

- 铝结构产业引进德国先进的铝合金结构产品和技术，是国内第一家专业从事铝合金结构工程研发制造的企业。The aluminum structure industry has introduced advanced aluminum alloy structural products and technologies from Germany, and is the first enterprise specializing in the R&D and manufacturing of aluminum alloy structural engineering in China.
- 公司产品广泛应用于城市人行天桥、景观桥、穹顶、停机坪、场馆建设、高铁场站等领域。Products are widely used in urban pedestrian bridges, landscape bridges, domes, aprons, venue construction, high-speed rail stations and other fields.
- 公司拥有专业的铝合金结构工程设计、制造、安装能力，能够为客户提供铝合金结构工程系统解决方案。Possessed professional aluminum alloy structure engineering design, manufacturing and installation capabilities, and can provide customers with aluminum alloy structural engineering system solutions.
- 铝合金结构工程具有外形美观，结构轻巧，耐腐蚀，免维护，现场安装快，环境适应性强，可回收，绿色环保等优点。Aluminum alloy structure engineering has the advantages of beautiful appearance, light structure, corrosion resistance, maintenance-free, fast on-site installation, strong environmental adaptability, recyclability, green environmental protection and so on.

轻量化装备  
Lightweight  
equipment

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automotives

铝结构  
Aluminum  
structure

铝模板  
Aluminum  
template



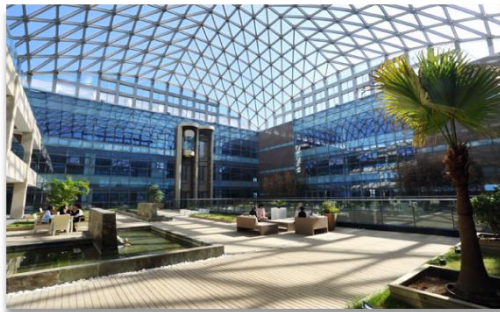
铝合金人行天桥  
Aluminium pedestrian bridge



铝合金穹顶  
Aluminium dome



铝合金停机坪  
Aluminium apron





轻量化装备  
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轻量化汽车  
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Aluminum  
structure

铝模板  
Aluminum  
template



- **迈拓林铝模板公司**创建于2014年，引进韩国前沿的铝模板技术，主要从事铝合金模板系统的设计、生产、租赁、销售、服务等，是国内领先的铝合金模板系统研发、制造、服务于一体的企业。  
**Shandong Mactolli Aluminum Template Engineering and Technology Co., Ltd** founded in 2014, introduced South Korea's cutting-edge aluminum formwork technology, mainly engaged in the design, production, leasing, sales and service of aluminum alloy formwork system, is a leading domestic aluminum alloy formwork system research and development, manufacturing, service in one of the enterprises.
- 公司产品广泛应用住宅、商业、写字楼等建筑工程的施工，是万科、万达、北京住总等国内大型房地产开发企业的主要供应商。Products are widely used in the construction of residential, commercial, office and other construction projects, and is the main supplier of large domestic real estate development enterprises such as Vanke, Wanda and Beijing Zhuzong.
- 公司拥有专业的模板设计、研发、生产和施工能力，能够为各大房地产开发公司、建筑公司、租赁公司提供完善的铝模板系统解决方案。Possessed professional formwork design, R&D, production and construction capabilities, and can provide perfect aluminum formwork system solutions for major real estate development companies, construction companies and leasing companies.
- 铝合金模板是钢模板和木模板的升级替代产品，具有模板尺寸精度高，建筑平整度高；重量轻，安拆方便，施工效率高；可循环使用200次以上，综合成本低；不产生模板垃圾等优点。Aluminum alloy formwork is an upgraded alternative product of steel formwork and wood formwork, which has high formwork dimensional accuracy and high building flatness; Light weight, easy to install and dismantle, high construction efficiency; It can be recycled more than 200 times, and the comprehensive cost is low; It does not produce template garbage and other advantages.



轻量化装备  
Lightweight  
equipment

轻量化汽车  
Lightweight  
automotives

铝结构  
Aluminum  
structure

铝模板  
Aluminum  
template



## ■ 丛林铝模板公司部分工程业绩 Main products of alminum template



青岛万达项目  
Qingdao Wanda Project

天津海昌项目  
Tianjin Haichang Project

上海浦发项目  
Shanghai Pufa Project



谢谢  
Thanks