因为专业 所以信赖
BECAUSE PROFESSIONAL SO TRUST


**淮安市建工尼龙制品有限公司**
地址：江苏省淮安市淮安区经济开发区经十五路与纬二路交汇处
电话：0517-85998691　85208218　85998694
传真：0517-86998692　0517-85998693
网址：www.jgnl.cn　邮编：223200
邮箱：lugongmang88@vip.163.com

**HUAIAN JIANGONG NYLON PRODUCTS CO.,LTD**
Add：Huaian economic Development Zone，Huaian，Jiangsu province
Tel：0517-85998691　85208218　85998694
Fax：0517-86998692　0517-85998693
Web：www.jgnl.cn　Post：223200
E-mail：lugongmang88@vip.163.com


建工尼龙



# 匠心精神
# 铸就百年企业

机械行业产品样本
PRODUCT SAMPLES OF MACHINERY INDUSTRY
INTEGRITY-BASED
QUALITY FIRST
WIN-WIN COOPERATION

淮安市建工尼龙制品有限公司
HUAIAN JIANGONG NYLON PRODUCTS CO.,LTD

我们致力于提升产品品质

We are committed to improving the quality of our products

匠心智造
铸就百年企业

MADE WITH INGENUITY CAST A CENTURY-OLD ENTERPRISE

# WIN-WIN COOPERATION

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CATA-
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# 01

## 企业篇
## ENTERPRISE

公司简介 Company profile

发展历程 Development course

## 淮安市建工尼龙制品有限公司

淮安市建工尼龙制品有限公司创建于1989年，三十多年来，建工尼龙已发展成为集专业研发、生产、销售为一体的综合性企业。公司位于淮安市淮安区经济开发区，占地面积7.8万平方米，员工360多人，固定资产2.5亿元，年生产尼龙制品500多万件，年销售4亿元。在生产规模、技术研发等方面一直处于国内同行业领先地位!

建工尼龙汇集多方优势资源，凭借雄厚经济实力，不断引进先进的生产设备，拥有各类数控机床300多台，目前引进先进的MC尼龙浇铸生产流水线，已实现机电一体化控制，使生产规模大幅度提升、质量更有保障!公司多次被评为“国家高新技术企业、专精特新小巨人、江苏省企业技术中心、省级创新服务型企业、江苏省民营科技企业、中国工程机械协会会员、中国建筑机械工程协会会员、中国电梯协会会员”等殊荣。

建工尼龙秉承“诚信为本、合作共赢”的经营理念，依靠卓越的产品质量和优秀的营销团队，建工尼龙赢得了广大客户的认可和信赖。与奥的斯电梯、西奥电梯、巨人通力、西子电梯、永大电梯、广日电梯、快意电梯、菱王电梯、西继迅达、奥立达电梯、沈阳博林特、怡达电梯等知名企业建立了稳定的战略合作伙伴关系。

## HUAIAN JIANGONG NYLON PRODUCTS CON.,LTD

Huaian Jiangong Nylon Products Co., Ltd. was founded in 1989. For more than 30 years, Jiangong Nylon has developed into a comprehensive enterprise integrating professional research and development, production and sales. The company is located in Huaian Economic Development Zone, Huaian City, covering an area of 78,000 square meters, more than 360 employees, fixed assets of 250 million yuan, annual production of nylon products more than 5 million pieces, annual sales of 400 million yuan. In the production scale, technology research and development has been in the domestic industry leading position!

JianGong nylon brings together many advantages of resources, with strong economic strength, continue to introduce advanced production equipment, with all kinds of CNC machine tools more than 300 sets, the introduction of advanced MC nylon casting production line, has achieved electromechanical integration control, so that the production scale is greatly improved, quality is more guaranteed! The company has been honored as "National high-tech enterprise, specialized and special new little Giant, Jiangsu Enterprise Technology Center, provincial innovative service enterprise, Jiangsu private science and technology enterprise, China Construction Machinery Association, China Construction Machinery Engineering Association, China Elevator Association" and so on.

JianGong nylon adhering to the "integrity-based, win-win cooperation" business philosophy, relying on excellent product quality and excellent marketing team, construction nylon has won the recognition and trust of our customers. With Otis elevator, Theo elevator, Giant Kone, Xizi Elevator, Yongda Elevator, Guangri Elevator, Kaiyi elevator, Ling Wang Elevator, West Ji Schindler, Olida elevator, Shenyang Bolint, Yida elevator and other well-known enterprises to establish a stable strategic partnership.

# COMPANY PROFILE

公司简介

1989年
至今成立三十五年

360人
厂内工人数量

7.8万m²
占地面积

500万件
年生产尼龙制品

300台
拥有各类数控机床

4亿元
年销售量



公司成立的产品研发检测中心，常规物性测试仪器包括热变形、磨损试验机、电梯模拟动态负载测试设备、30T静载万能试验机、高低温试验箱、盐雾试验机、冲击强度试验机、动平衡试验机、吸水率仪等；非常规物性测试委托国家化工材料检测中心、上海市塑料研究所检测中心等权威机构进行检测；公司不断更新研发具有自主知识产权的MC尼龙制品，产品获得GJB9001C-2017军工质量体系认证，IS09001质量体系认证，IATF16949汽车质量体系认证，获得ISO14001环境管理体系、ISO45001职业健康安全管理体系认证；另公司科研方面长期与中科院物理化学研究所、大连理工大学、湖北大学等国内知名科研单位及高校保持技术合作。

The company established a product research and development testing center, conventional physical property testing equipment including thermal deformation, wear testing machine, elevator simulation dynamic load testing equipment, 30T
static load universal testing machine, high and low temperature test chamber, salt spray testing machine, impact strength testing machine, dynamic balance testing machine, water absorption meter, etc. The testing of unconventional physical properties is commissioned by National Chemical Materials Testing Center, Shanghai Plastics Research Institute Testing Center and other authoritative institutions for testing; The company constantly updates and develops MC nylon products with independent intellectual property rights. The products have obtained GJB9001C-2017 military quality system certification, IS09001 quality system certification, IATF16949 automotive quality system certification, ISO14001 environmental management system certification, ISO45001 Occupational health and safety management system certification. In terms of scientific research, the company has maintained technical cooperation with the Institute of Physical Chemistry of Chinese Academy of Sciences, Dalian University of Technology, Hubei University and other well-known domestic scientific research institutions and universities.



# 发展历程

## 1989
公司成立于淮安市仇桥镇工业园区，起步之初出露锋芒先后厂址乔迁三次。

## 1992
公司业务进入了浦沅(中联重科)起重机公司。

## 2001
公司规模化生产10周年。

## 2003
开始公司初具规模成长迅速，正式迁入占地近8亩的自建厂房中，同年公司业务发展迅速进入三一集团。

## 2006
公司业务正式进入柳工集团。

## 2007
公司进入了迅猛壮大的发展阶段，产能业务能力迅速扩大增长，并正式入驻淮安是经济开发区；同年进入马尼托瓦克。

## 2010
公司业务拓展进入电梯行业。

## 2011
公司业务正式进入徐工集团。

## 2013
公司业务进入迅达电梯(西继迅达)。

## 2015
公司业务进入西奥电梯。

## 2016
步入2016年伊始，公司进入了全新的发展阶段，产品种类多元化、高端化，年产值不断递增，业务量不断攀升。同期是公司业务进入广日电梯及临工集团。

## 2019
公司业务进入奥的斯电梯。

## 2021
公司业务进入中国中铁，同年正式进入北汽集团、福田戴姆勒汽车体系，开辟了工程塑料应用的新领域，规模化生产三十周年产值接近4亿元大关。

## 2022
公司业务进入巨人通力。同年公司拓展开发并生产了金属类电梯轮(铸铁轮)。业务同步迁入。

## 2023
上半年公司业务先后进入北汽重卡和一汽解放。

## 2024
公司投资21000万元兴建智能铸造项目，继续深入多元化发展，产品逐步多样化以完善整个供应链。

# DEVELOPMENT HISTORY






# 02

## 战略篇
## STRATEGY

技术研发 Technology research and development

WWW.JGNL.CN

技术
研发

# 自主研发改性材料-主要产品

INDEPENDENT RESEARCH AND DEVELOPMENT OF MODIFIED MATERIALS-MAIN PRODUCTS

# RESEARCH AND DEVELOPMENT

## MCS（低摩擦防爬行）尼龙滑块
## MCS Nylon Slider

**1.低摩擦，摩擦系数是普通尼龙的1/3。**

**2.耐磨性能好，使用寿命长。**

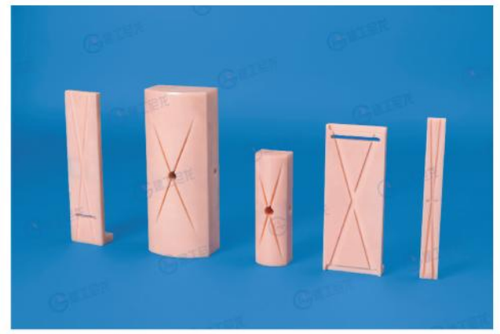
**该材料可应用于起重机吊臂滑块，可减少吊臂伸缩过程中的阻力，从而降低或消除爬行过程中的抖动现象。**

1. Low friction, friction coefficient is 1/3 of ordinary nylon.

2. Good wear resistance, long service life.

The material can be applied to the crane boom slider,
which can reduce the resistance during the boom expansion process,
thereby reducing or eliminating the shaking phenomenon during the crawling process.







## UHMW-PE(超高分子量聚乙烯)尼龙滑块
## UHMW-PE Slider

超高分子量聚乙烯是一种高分子化合物，具有超强的耐磨性、自润滑性、强度比较高、化学性质稳定、抗老化能力强的特点，可局部应用于工程机械领域。

Ultrahigh molecular weight polyethylene (UHMWPE) is a kind of polymer compound,
which has the characteristics of super-strong wear resistance,
self-lubrication, relatively high strength,
chemical stability and strong anti-aging ability,
and can be locally applied in the field of construction machinery.







## POM(聚甲醛)尼龙滑块
## POM Slider

POM是一种高结晶度的热塑性树脂，其全称是聚氧甲烯。POM的高结晶程度导致它有相当高的收缩率，可高达到2%~3.5%，对于各种不同的增强型材料有不同的收缩率。

POM通常被称为赛钢或特灵，因其特性类似金属，但实际上是合成树脂的一种。

POM的摩擦系数小，耐磨耗，尺寸稳定性好，表面光泽好，具有较高的粘弹性和电绝缘性，且不受温度影响。

POM优异的耐磨性、高强度、自润滑性好、尺寸稳定性、耐油性和耐过氧化物性。

POM is a kind of high crystallinity thermoplastic resin, its full name is polyoxylene. The high degree of crystallization of POM causes it to have a fairly high shrinkage rate, which can reach as high as 2% to 3.5%, and there are different shrinkage rates for various enhanced materials.

POM is often referred to as Cysteel or Trane because of its metal-like properties, but is actually a type of synthetic resin.

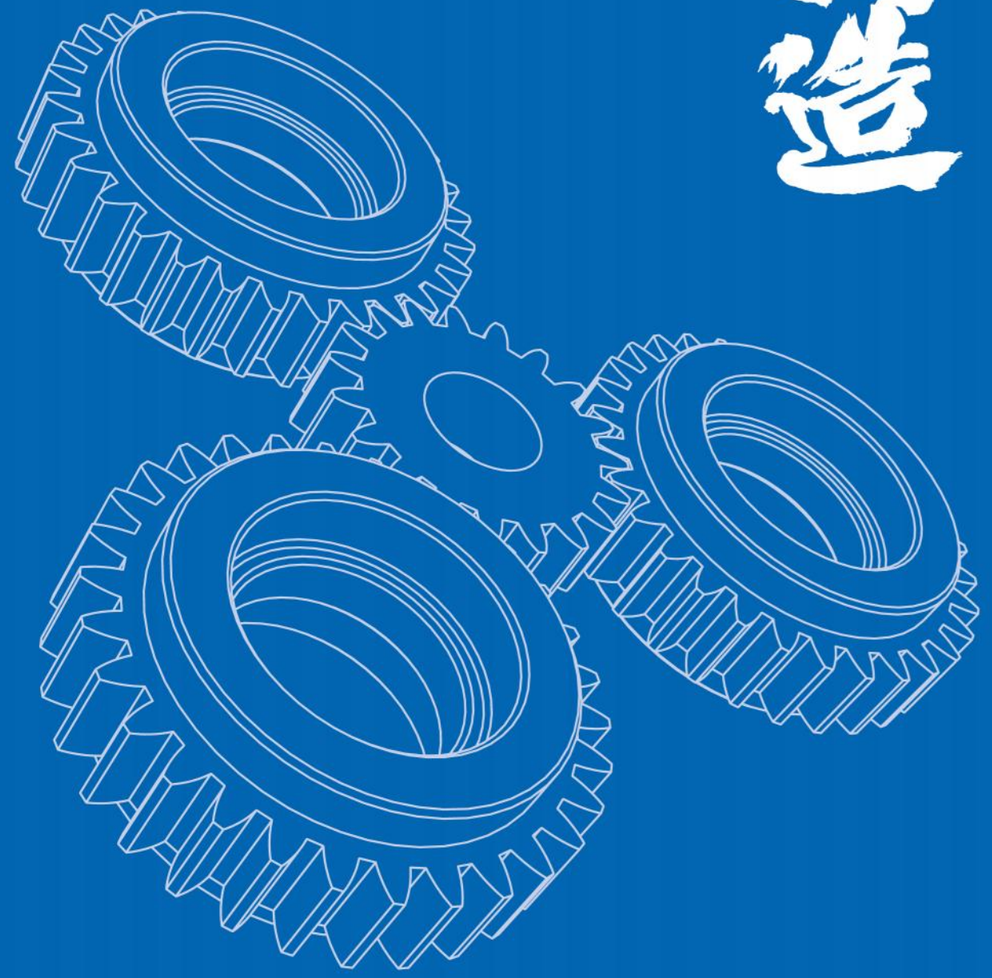
POM has small friction coefficient, abrasion resistance, good dimensional stability, good surface gloss, high viscoelasticity and electrical insulation, and is not affected by temperature.

POM has excellent wear resistance, high strength, good self-lubrication, dimensional stability, oil resistance and peroxide resistance.





匠心打造



# 03

## 产品篇
## PRODUCTS

工程机械 Construction machinery
高空作业平台 Aerial work platform
汽车配件 Auto parts
其他类 Other categories

# MC尼龙特点
## MC Nylon Features

英文名称：monomer cast Nylon
结构式：{NH-(CH2)m-CO}n式中：mo5、10、11等。
单体浇铸尼龙又称MC尼龙。它采用碱催化聚合法使已内酰胺或其它内酰胺单体直接在模具内聚合并凝固成型。
它是采用阴离子聚合反应技术，将加有催化剂的熔融已内酰胺单体在常压下浇注在各种形状模其中进行反应而形成的铸件制品。
MC尼龙的分子量高达7-10万，为一般尼龙6、尼龙66的3倍，因而其综合机械性能远比其他的尼龙材料好得多，是国家纪委大力推广的重要节能材料之一。
多年来我们不断地坚持对MC尼龙的改性技术进行研究和开发，极大地拓宽了其应用领域。以MC尼龙为基材，在反应过程中添加各类改性剂，例如复合油润滑剂、二硫化钼、石墨、玻璃纤维、碳纤维、纳米矿粉等，使之更加耐磨、耐腐蚀、耐老化、自润滑、吸振、吸噪音；同时，由于工艺和工模结构简单，制造成本相对低廉，成为替代铜、不锈钢、铝合金、聚四氟乙烯等的理想材料。

Monomer casting nylon is called MC nylon,which is the polymerization of caprolactam or other lactam monomers in the mold and solidified by alkali catalysis and cohesion.
It uses the technology of anionic polymerization by pouring caprolactam monomer filled in catalyst in different shapes of molders umder atmospheric pressure,and then after reaction,the casting products are formed.
The molecular weight of MC nylon is 70,000-100,000,3 times more than normal nylon 6 and nylon 66.So the comprehensive mechanical property is much better than other nylon materials. It is one of the important energy-saving materials that the State Planning Commission is promoting.
Over the years we have been insiting on MC nylon modification technology research and development and expanded its application field greatly.With MC nylon,all kinds of modifier are added in the reaction process,such as composite oil lubricants,MoS2,graphite,glass fiber,carbon fier,nanometer powder,which can make it better at weardbility, corrosion resistance,aging resistance,self-lubrication, vibration absorption and absorption fo noise.
In the meantime,due to simply process and mold structure and low cost,it is now an ideal material to replace copper stainless steel, aluminum alloy, PTFE etc.

# MC尼龙应用
## MC Nylon Application

MC尼龙制品作为工程塑料之一，“以塑代钢、性能卓越”用途极其广泛，它具有重量轻、强度高、自润滑、耐磨、防腐、绝缘等多种独特性能。其摩擦系数比钢低8.8倍，比铜低8.3倍，而比重仅为钢的七分之一。

MC尼龙可直接取代原铜不锈钢、铝合金等金属制品，多年来我公司生产的MC尼龙滑轮、滑块、齿轮、蜗轮、拖轮、支承轮、泵叶、轴套、轴瓦、柱肖、活噻阀体、挡胶板、皮带轮、转动轮、棒材、管材、板材等，不仅较好地取代了相应的金属品，而且使用户降低成本，延长整机及零件的使用寿命，经济效益显著提高。

MC尼龙材料以其强度高、钢度大、韧性好、低蠕变、耐磨耗及化学稳定性而著称，MC尼龙除具有普通尼龙材料特点外，由于其分子量大、结构度高，物理机械性能十分优异，其机械强度比一般尼龙高3倍，超过正常工程塑料。

As one kind of engineering plastics, in some occasions it can replace the steel with its excellent performance.It is light,hard,and has the function of self-extinguishing, wear-resistance, anti-corrosion and insulaton.The friction coefficient is 8.8 times lower than steel,8.3 times lower than copper,and the density is only of 1/7 of steel.
MC nylon can replace the original copper, stainless steel,aluminum alloy and other metal products directly. These years the products we make, MC nylon pulley,slider, worm gears,supporting roller,pump impeller,shaft liner,bearing, cylinder,piston valve body,retaining plate,belt wheel,a rotating wheel,bar,pipe,plate,not only replace the corresponding metal products,but also reduce the cost of the customers,and prolong the service life of the macheine and parts, which helps to improve the economic benefits significantly.
MC nylon material is famous for its hardness, rigidity,toughness, wear resistance, chemical stability and low creep. Besides the characteristics of common nylon,the physical and mechanical performance fo MC nylon is excellent for its high molecular weight and high structure.Therefore,its mechanical strength is 3 times higher than the general nylon engineering plastics,more than the normal.

# MC尼龙滑轮与金属滑轮相比的优越性
# MC Nylon Pulley Compared With Metal Pulley Advantages

## 在起重机用滑轮的优越性与金属滑轮相比

### 金属滑轮和钢缆的磨损　Wear of metal pulleys and steel cables

多年来，重型起重设备的制造商和使用者一直在寻找新方法来提高钢缆的使用寿命，减少在金属滑轮上的磨损。早期方案包括在金腿滑轮涂敷弹性材料和在金属轮毂上安装这类材料的轮毂。

Over the years, the heavy lifting equipment manufacturers and users are always looking for new ways to improve the service life of wire rope, reduce the wear and tear on the metal pulley. Early solutions included coating the golden leg pulleys with elastic materials and installing hubs of such materials on metal hubs.

### 金属的重量和腐蚀性质　Weight and corrosion properties of metals

随着移动式起重机和升降机设备应用的增多，为了提高起重能力和移动性能，在新式设计中要求起重臂金属滑轮和配重必须减重。而且，海洋勘测作业对起重设备的防腐蚀零件的要求也逐步加强。

With the increasing application of mobile cranes and lift equipment, in order to improve the lifting capacity and mobile performance, the metal pulley and counterweight of the lifting arm must be reduced in the new design. Moreover, the requirements for anti-corrosion parts of lifting equipment in Marine survey operations are also gradually strengthened.

### MC尼龙起重机用滑轮适应范围广　MC nylon crane pulley suitable for a wide range

新开发的MC尼龙起重机用滑轮：MC尼龙起重机用滑轮现已广泛应用在移动式和海洋起重设备上。

Newly developed MC Nylon crane pulley: MC Nylon crane pulley is now widely used in mobile and Marine lifting equipment.

### 独特的单体浇铸工艺　Unique single casting process

MC尼龙是通过独特的单体浇铸工艺，以液体单体在金属模里直接聚合为尼龙的，可以生产各种尺寸和厚度而保持内部的完整性。MC尼龙零件已成功地应用在各种重型设备上，例如建筑、铁路、采矿、海上、起重机制造和其他工业。

MC nylon is a unique monomer casting process, the liquid monomer is directly polymerized into nylon in a metal mold, and can be produced in various sizes and thicknesses while maintaining internal integrity. MC Nylon parts have been successfully used in a variety of heavy equipment, such as construction, railway, mining, offshore, crane manufacturing and other industries.

### 优越的润滑性能　Excellent lubrication properties

MC尼龙是一种高强度的浇铸尼龙，内含二硫化钼（MoS2）超微粉末提高其润滑性。其非凡的强度支承轴承的负荷大大高于其他工程热塑塑胶。由于它的内在弹性，非极性和极快的工作应力释放能力，不会产生永久的变形。MC尼龙耐磨，不但减少设备的总重，而且保护相配合的金属表面。

MC nylon is a high strength cast nylon containing molybdenum disulfide (MoS2) superfine powder to improve its lubricity. Its extraordinary strength supports bearing loads significantly higher than other engineering thermoplastics. Due to its inherent elasticity, non-polarity and extremely fast working stress release ability, no permanent deformation will occur. MC nylon wear-resistant, not only reduces the total weight of the equipment, but also protects the matching metal surface.

# MC尼龙产品规格与结构
# MC nylon product specification and structure

### 定做滑轮　Customized pulley

可以按照客户要求定做任意尺寸的MC尼龙滑轮。仅需提供滑轮的图纸或关键尺寸，包括钢缆的直径，滑轮外径，槽径，毂宽和凸缘宽度。还需提供轴承的型号，以便确定适当的中心孔压配尺寸。

MC nylon pulley of special size can be customized according to customer requirements. Provide only drawings or key dimensions of the pulley, including cable diameter, pulley outside diameter, groove diameter, hub width and flange width. It is also necessary to provide the bearing model number in order to determine the appropriate center hole pressure fitting size.

### 孔压配尺寸　The size of pore pressure

不论标准滑轮还是定做滑轮，为了获得最佳的工作效果，工程师在设计特殊应用的滑轮时要充分考虑一些重要因素，特别是槽，中心孔，轮辐，轴承固定和导向能力。

Whether standard or custom pulleys, in order to obtain the best working results, engineers should fully consider some important factors when designing pulleys for special applications, especially grooves, center holes, spoke, bearing fixation and guiding capabilities.

### 轮辐结构　Spoke structure

考虑滑轮运行时所受的侧向力而造成的弯曲，根据外径大小，MC尼龙滑轮按照标准设计，并通过专用软件模拟测试。采用优质原料和科学配方，具有超高强度，超高韧性，抗冲击力强，重量轻，耐磨，耐酸碱腐蚀，无噪音，摩擦系数小，吸振，自熄，吸水性低，自润滑等优点。由于硬度高，比重小，钢度大，强度高，代替有色金属，黑色金属制品，可以降低成本，便于安卸，提高生产效率，具有极高的经济效益和社会效益。

Considering the bending caused by the lateral force on the pulley when it is running, the MC nylon pulley is designed according to the standard size of the outside diameter, and the entire design is tested by a unique computer program. Using high-quality imported raw materials and scientific formula, it has the advantages of ultra-high strength, ultra-high toughness, strong impact resistance, light weight, wear resistance, acid and alkali corrosion resistance, no noise, small friction coefficient, vibration absorption, self-extinguishing, low water absorption, self-lubrication and so on. Due to high hardness, small proportion, large steel, high strength, instead of non-ferrous metals, ferrous metal products, can reduce costs, easy to unload, improve production efficiency, with extremely high economic and social benefits.



# 工程机械

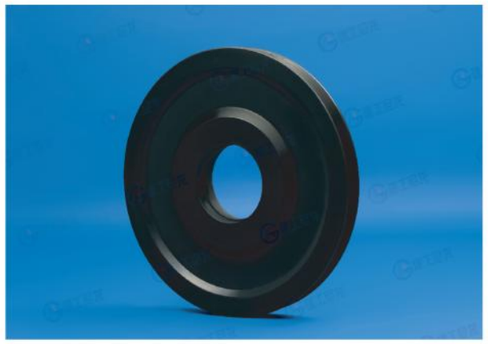
## 主要产品-滑轮系列
## Main Products - Pulley Series

MC尼龙滑轮的自润滑性和比金属软的特性，使滑轮再与钢索接触时有一定程度的变形，加大了滑轮和钢索的接触面，使最大接触压力降下，由于滑轮的变形，相应减少了钢索的变形扭曲和钢丝之间的摩擦，从而全面的保护钢索，延长钢索的寿命。

MC尼龙滑轮在耐腐蚀方面相当优良，在雨中和湿气大的环境中不生锈，不会因生锈损伤钢索，给以在沟槽中的钢索最初润滑就达到最佳使用效果。

MC nylon pulley self lubricating oil and softer than metal characteristics, so that the pulley and the cable contact when a certain degree of deformation, increase the pulley and the cable contact surface, so that the maximum contact pressure down, due to the deformation of the pulley, the corresponding reduction in the deformation of the cable and the friction between the wire, so as to fully protect the cable, extend the life of the cable.

MC nylon pulley is quite good in corrosion resistance, does not rust in the rain and moisture environment, will not rust damage the cable, to the cable in the groove initially lubricated to achieve the best use effect.





# CONSTRUCTION MACHINERY

## 滑轮特性
## Pulley Characteristic

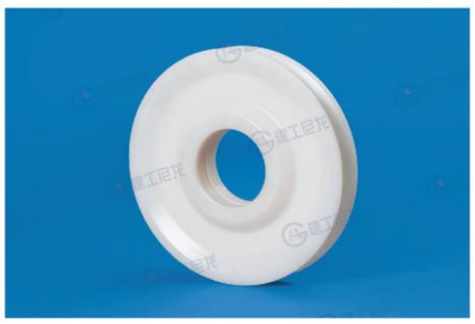
1.机械强度高，耐磨耗、自润滑性能好、MC尼龙滑轮的耐磨寿命比钢、铁滑轮高4-5倍，保护钢丝绳；
2.适应温度范围宽，可在些-40℃-100℃范围内使用；
3.能减震、不产生噪音、运转平稳；
4.质轻、密度为钢的1/7，铜的1/2.5，耐腐蚀，不沾水，不生锈；
5.机械加工性能好，形态稳定性高。

1. High mechanical strength, wear resistance, good self-lubrication performance, MC nylon pulley wear life is 4-5 times higher than steel, iron pulley, protect wire rope;
2. Adapt to a wide temperature range, can be used in the range of -40℃-100℃;
3. Can absorb shock, no noise, smooth operation;
4. Light weight, density of steel 1/7, copper 1/2.5, corrosion resistance, no water, no rust;
5. Good machining performance, high morphological stability.





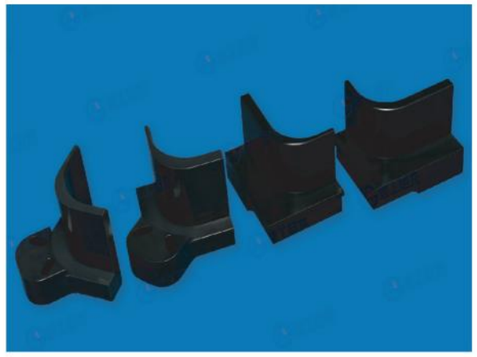




## 主要产品-滑块系列
## Main Products - Slide block series

在工程机械中，滑块几乎是不可缺少的部件，如汽车起重机吊臂支承用滑块，过去一直都用黄铜制成，先改用MC尼龙滑块后，使用寿命提高4-5倍，MC尼龙滑块使用寿命长，一次性加油后可长期保持润滑性能。同时，还具有抗冲击、抗振、耐疲劳、噪音小、重轻、装配方便、耐磨等优点。

In the mechanical engineering application,the slider is almost indispensable components.For the slider for truck crane arm supporting,it used brass.Now the service life it 4-5 times longer since it used MC nylon slider.Filling only once can maintainlong-term lubrication.Meanwhile,it has the advantages like impact resistance,vibration resistance,wearing resistance,low noise,light,convenient assembly.



## 主要产品-托辊系列
## Main Products - Roller series

用MC尼龙代替铜及巴氏合金制成的各类大小轴套、轴瓦等，在工程机械中应用非常普遍。耐磨性自润滑性能好，在目前一般热塑性塑料中具有较高的PV值；摩擦系数小，耐冲击、不易抱轴、熔结、不伤轴颈；润滑周期长、减少保养、恶劣环境下适应性强，寿命长。

MC nylon instead of copper and babbitt alloy made of various sizes of bushing, bearing, etc., in the construction machinery is very common application. It has good wear resistance and self-lubrication performance, and has a high PV value in the current general thermoplastics; Small friction coefficient, impact resistance, not easy to hold the shaft, melting, no damage to the journal; Long lubrication cycle, reduce maintenance, strong adaptability in harsh environments, long life.






# 主要产品-导绳器
## Main Products - Rope guide

导绳器，也被称为排绳器，是电动葫芦的关键配件之一，其主要功能是确保钢丝绳能够整齐地排列在卷筒上，防止钢丝绳混乱、重叠，从而避免电动葫芦产生机械故障或损坏。
导绳器的设计旨在通过其特定的结构和功能，优化钢丝绳的排列方式，提高电动葫芦的使用效率和安全性。
此处生产的导绳器主要材质为尼龙材料优势——
耐磨性、韧性、自润滑可适应不同工作环境的需求；
导绳器的结构——
导绳螺母、导绳板、连接钢带等组成部分，这些部件共同作用，确保钢丝绳能够按照预设的路径整齐排列。
随着技术的发展，导绳器的设计也在不断进步，例如逐步以采用尼龙材料为主制成的部件，以及添加减磨添加剂，都使得导绳器的使用更加高效和耐用。此外，导绳器的安装和维护也变得更加简便，进一步提高了其在实际应用中的便利性和可靠性。

Rope guide, also known as rope arrangement device, is one of the key accessories of the electric hoist, its main function is to ensure that the wire rope can be neatly arranged on the drum, to prevent the wire rope chaos, overlap, so as to avoid mechanical failure or damage to the electric hoist.
The design of the rope guide is designed to optimize the arrangement of the wire rope through its specific structure and function, and improve the efficiency and safety of the electric hoist.
The main material of the rope guide produced here is nylon material——
Wear resistance, toughness, self-lubrication can adapt to the needs of different working environments;
Structure of rope guide——
Guide rope nut, guide rope plate, connecting steel belt and other components, these components work together to ensure that the wire rope can be neatly arranged in accordance with the preset path.
With the development of technology, the design of rope guide is also improving, such as the gradual use of nylon materials mainly made of parts, and the addition of anti-wear additives, which make the use of rope guide more efficient and durable. In addition, the installation and maintenance of the rope guide has become easier, further improving its convenience and reliability in practical applications.




# 主要产品-齿轮、齿圈、滚轮系列
## Main Products - Gear, ring, roller series

齿轮作为传动系统的关键部件，负责传递动力和改变运动方向、速度。它们通常需要承受很大的载荷、冲击和磨损。
工程机械类齿轮的特点包括：
高强度：能够在恶劣的工况下保持结构的完整性，不发生变形或断裂。
高精度：以确保传动的准确性和稳定性，减少能量损失和噪音。
良好的耐磨性：长时间的运行容易导致磨损，因此需要具备优良的耐磨性能。

As a key component of the transmission system, gear is responsible for transmitting power and changing the direction and speed of movement. They usually have to withstand a lot of load, shock and wear.
The characteristics of construction machinery gears include:
High strength: can maintain the integrity of the structure under harsh working conditions, without deformation or fracture.
High precision: to ensure the accuracy and stability of the transmission, reduce energy loss and noise.
Good wear resistance: long-term operation is easy to lead to wear, so it is necessary to have excellent wear resistance.



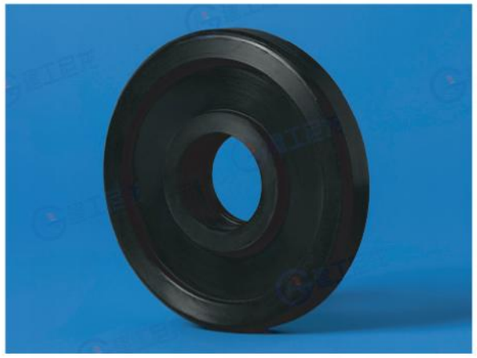



# 高空作业平台

## 主要产品-滑轮系列
## Main Products - Pulley Series

尼龙滑轮是一种常见且实用的机械传动部件。
尼龙滑轮具有许多优点。首先，尼龙材料本身具有良好的耐磨性和耐腐蚀性，使其能够在恶劣的工作环境中长时间稳定运行，不易受到磨损和腐蚀的影响。其次，它的重量相对较轻，便于安装和运输，同时也减轻了整个设备的负担。
尼龙滑轮还具有良好的自润滑性能，在使用过程中无需频繁添加润滑油，减少了维护成本和工作量。此外，它能够有效降低噪音，为工作环境创造相对安静的条件。

Nylon pulley is a common and practical mechanical transmission component.
Nylon pulleys have many advantages. First of all, nylon material itself has good wear resistance and corrosion resistance, so that it can run stably in harsh working environments for a long time, and is not susceptible to wear and corrosion. Secondly, its relatively light weight makes it easy to install and transport, while also reducing the burden on the entire equipment.
Nylon pulley also has good self-lubricating performance, no need to add lubricating oil frequently during use, reducing maintenance costs and workload. In addition, it can effectively reduce noise and create relatively quiet conditions for the working environment.





# AERIAL WORK PLATFORM

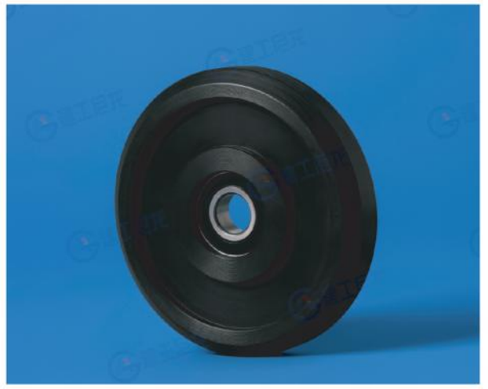
## 高空作业滑轮的设计特性
## Design characteristics of high-altitude working pulley

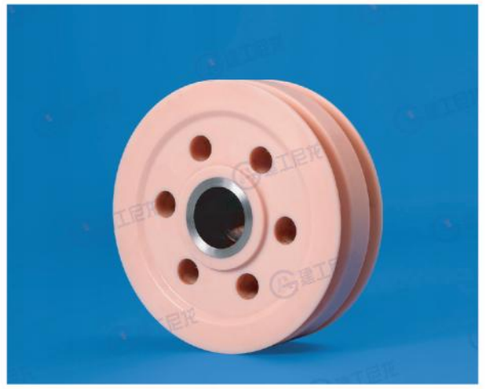
高空作业滑轮是在高空作业场景中经常使用的重要工具，主要用于改变绳索或线缆的运动方向，实现重物的提升、牵引或移动。
它通常由高强度的金属材料制成，如合金钢，以确保能够承受较大的载荷和恶劣的工作环境。

精密的滚珠或滚针轴承，以减少摩擦，使滑轮转动更加顺畅，降低操作时的阻力。
坚固的外壳和轮缘，能够防止绳索或线缆脱出，保障作业安全。
良好的防锈和耐腐蚀处理，适应户外恶劣的气候条件。

Aerial pulley is an important tool often used in aerial work scenes, mainly used to change the direction of the movement of the rope or cable, to achieve the lifting, pulling or moving of heavy objects.
It is usually made of high-strength metal materials, such as alloy steel, to ensure that it can withstand large loads and harsh working environments.

Precision ball or needle roller bearings to reduce friction, make the pulley turn more smoothly, reduce the resistance during operation.
Strong housing and rim prevent cords or cables from slipping out, ensuring safe operation.
Good rust and corrosion resistant treatment, adapt to outdoor harsh weather conditions.

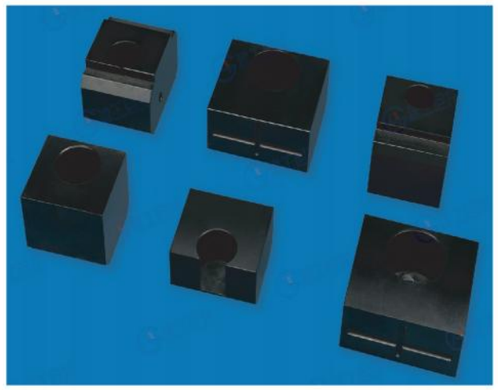


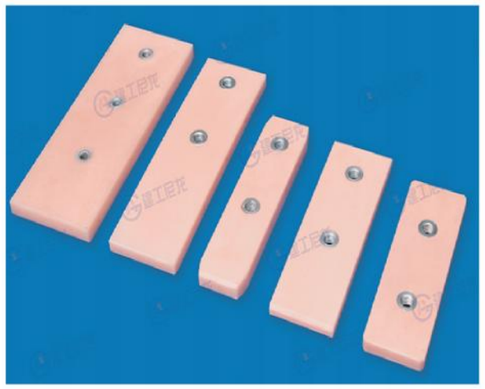


## 主要产品-滑块系列
## Main Products - Slide block series

尼龙滑块是一种常用的机械零件，具有诸多优良特性。
尼龙滑块通常由尼龙材料制成，这种材料赋予了它优良的耐磨性、自润滑性和低摩擦系数。这使得尼龙滑块在运动过程中能够减少磨损，并且不需要额外的润滑，降低了维护成本。
它的应用范围广泛。在机械设备中，如输送机、导轨系统等，尼龙滑块可以起到支撑和导向的作用，保证运动部件的平稳运行。例如，在自动化生产线上的输送带系统中，尼龙滑块能够减少输送带与导轨之间的摩擦，提高传输效率，同时降低噪音。

Nylon slide is a common mechanical part with many excellent properties.
Nylon sliders are usually made of nylon material, which gives it excellent wear resistance, self-lubrication and low coefficient of friction. This allows the nylon slider to reduce wear during movement and does not require additional lubrication, reducing maintenance costs.
It has a wide range of applications. In mechanical equipment, such as conveyors, rail systems, etc., nylon sliders can play a supporting and guiding role to ensure the smooth operation of moving parts. For example, in conveyor belt systems on automated production lines, nylon sliders can reduce friction between the conveyor belt and the guide rail, improve transmission efficiency, and reduce noise.

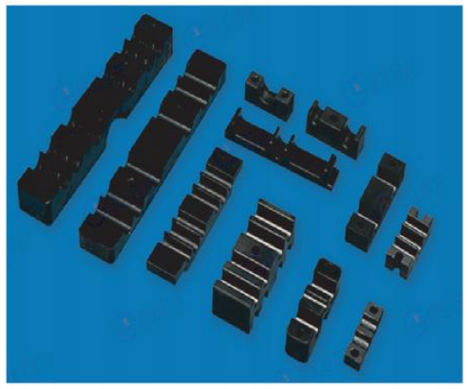




## 主要产品-管夹系列
## Main Products - Slide block series

高空作业车的管夹需要具备高强度、高稳定性和良好的耐候性。因为高空作业车的工作环境复杂且具有一定的危险性，管夹须能够牢固地固定各种液压管、气管和油管等，确保在车辆运行和作业过程中，管道不会松动、脱落或泄漏。
这些管夹通常采用优良的金属材料制造，如高强度铝合金或不锈钢，以保证其坚固耐用。管夹设计也经过精心考量，具有合理的夹持力和结构，既能稳固地夹住管道，又不会对管道造成过度的挤压和损伤。

The pipe clamp of aerial work vehicle needs to have high strength, high stability and good weather resistance. Because the working environment of the aerial work vehicle is complex and has a certain degree of danger, the pipe clamp must be able to firmly fix various hydraulic pipes, gas pipes and oil pipes, etc., to ensure that the pipeline will not loose, fall off or leak during the operation and operation of the vehicle.
These clamps are usually made of excellent metal materials, such as high-strength aluminum alloy or stainless steel, to ensure their durability. The clamp design has also been carefully considered, with reasonable clamping force and structure, which can firmly clamp the pipe without causing excessive extrusion and damage to the pipe.





# 汽车配件

## 主要产品-支架、垫块等系列
## Main Products -Bracket, pad and other series

**支架是一种限制物体移动范围或位置装置或结构。它们通常用于机械系统中，旨在确保物体在特定的位置或范围内移动，以保证系统的正常运行和安全性。**

A support is a device or structure that restricts the movement range or position of an object. They are commonly used in mechanical systems and are designed to ensure that objects move within a specific location or range to guarantee the normal operation and safety of the system.

**垫块安装在板簧与车桥之间，用来提高整车的离地间隙以及车辆的侧倾高度。**

The pad is installed between the plate spring and the axle to improve the ground clearance of the vehicle and the roll height of the vehicle.









AUTO PARTS

## 主要产品-板簧挡板系列
## Main Products - Plate spring plate series

**是一种用于重型卡车后悬架系统的装置，旨在防止车桥窜动引起的后板簧总成与车架纵梁之间的相互撞击，从而延长使用寿命并改善工作质量。**

It is a device used in the rear suspension system of heavy trucks, which aims to prevent the collision between the rear plate spring assembly and the frame longitudinal beam caused by the moving of the axle, so as to extend the service life and improve the working quality.

**板簧挡板的主要功能包括：**
**防止撞击：通过其结构设计，有效防止车桥窜动引起的后板簧总成与车架纵梁之间的相互撞击。**
**延长使用寿命：减少撞击现象，从而延长了整体系统的使用寿命。**
**改善工作质量：通过减少撞击和摩擦，提高了重型卡车的工作质量和行驶平顺性。**

The main functions of the plate spring baffle include:
Prevent impact: through its structural design, it effectively prevents the impact between the rear plate spring assembly and the frame longitudinal beam caused by the axle moving.
Extended service life: Reduce the impact phenomenon, thereby extending the service life of the overall system.
Improved work quality: Improved work quality and ride smoothness of heavy trucks by reducing impact and friction.





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# 其他类

## 主要产品-舞台设备类产品等

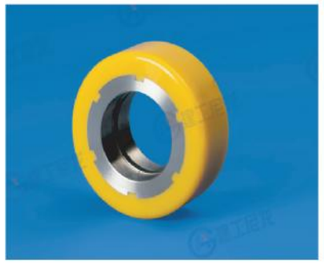
## MAIN PRODUCTS - STAGE EQUIPMENT PRODUCTS, ETC

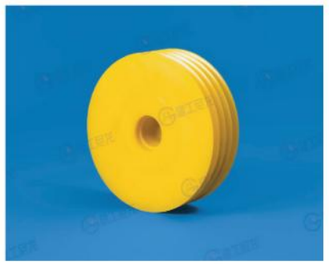
# STAGE EQUIPMENT



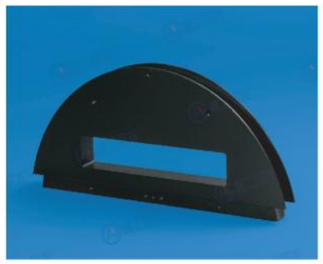
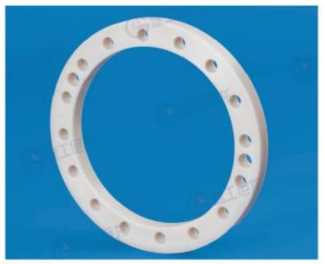
舞台设备类中使用尼龙零件具有诸多优势。尼龙具有优良的耐磨性、耐腐蚀性和自润滑性，能够在复杂的舞台环境中保持良好的性能。例如，在舞台升降装置中，尼龙制成的滑轮和导轨滑块能够减少摩擦，降低噪音，并且在长时间的使用中不易磨损，保证了升降动作的平稳和顺畅。再比如，在舞台灯光的调节结构中，尼龙的连接件能够承受频繁的转动和拉伸，同时具有一定的弹性，能够缓冲振动，延长灯光设备的使用寿命。

The use of nylon parts in the stage equipment category has many advantages. Nylon has excellent wear resistance, corrosion resistance and self-lubrication, and can maintain good performance in complex stage environments. For example, in the stage lifting device, the pulley and guide slide made of nylon can reduce friction, reduce noise, and are not easy to wear during long-term use, ensuring the smooth and smooth lifting action. For example, in the adjustment structure of the stage lighting, the nylon connector can withstand frequent rotation and stretching, and has a certain elasticity, which can buffer vibration and extend the service life of the lighting equipment.








# 尼龙产品其他行业应用

## Nylon products for other industry applications

**经过多年发展，建工尼龙已经发展成为集专业研发、生产、销售为一体的综合性企业。针对特定客户需求定制生产，建工尼龙产品广泛运用在电梯、汽车、油田设备、风力发电、海上/造船、矿山设备、电力等行业。**

After years of development, Jiangong nylon has developed into a comprehensive enterprise integrating professional R&D,production and sales.According to the specific customer needs of customized production,jiangong nylon products are widely used in elevator,autonmobile,lilfield equipment,wind power generation,offshore/shipbuilding,mining equipment, electric power and other industries.

















## 特种尼龙滑轮主要规格参数
Special nylon pulley main specifications

参数-1

| 外径 (a)mm | 内径 (d)mm | 厚度 (n)mm | 动配合 | 外径 (a)mm | 内径 (d)mm | 厚度 (n)mm | 过盈配合 |
|---|---|---|---|---|---|---|---|
| 140 | 22 | 32 | +0.13<br>+0.17 | 140 | 47 | 32 | -0.10<br>-0.15 |
| 150 | 30 | 32 | +0.15<br>+0.22 | 150 | 47 | 32 | -0.10<br>-0.15 |
| 176 | 30 | 32 | +0.15<br>+0.22 | 176 | 62 | 32 | -0.13<br>-0.18 |
| 180 | 40 | 46 | +0.18<br>+0.23 | 200 | 72 | 37 | -0.18<br>-0.23 |
| 200 | 40 | 37 | +0.18<br>+0.23 | 214 | 80 | 41 | -0.22<br>-0.27 |
| 210 | 40 | 40 | +0.22<br>+0.27 | 240 | 80 | 54 | -0.22<br>-0.27 |
| 230 | 45 | 40 | +0.22<br>+0.30 | 250 | 72 | 52 | -0.22<br>-0.27 |
| 250 | 45 | 46 | +0.27<br>+0.35 | 260 | 85 | 45 | -0.22<br>-0.27 |
| 260 | 45 | 46 | +0.32<br>+0.40 | 270 | 100 | 47 | -0.25<br>-0.32 |
| 265 | 40 | 50 | +0.32<br>+0.40 | 280 | 80 | 45 | -0.22<br>-0.27 |
| 280 | 50 | 46 | +0.42<br>+0.55 | 290 | 100 | 47 | -0.25<br>-0.32 |
| 300 | 60 | 120 | +0.52<br>+0.62 | 300 | 80 | 55 | -0.22<br>-0.27 |
| 320 | 75 | 65 | +0.52<br>+0.62 | 300 | 110 | 49 | -0.28<br>-0.35 |
| 330 | 60 | 55 | +0.52<br>+0.62 | 310 | 120 | 60 | -0.32<br>-0.40 |
| 330 | 60 | 120 | +0.57<br>+0.65 | 320 | 80 | 45 | -0.22<br>-0.27 |
| 330 | 80 | 120 | +0.57<br>+0.65 | 330 | 110 | 55 | -0.28<br>-0.35 |
| 350 | 60 | 90 | +0.62<br>+0.72 | 340 | 140 | 56 | -0.38<br>-0.45 |
| 355 | 65 | 120 | +0.62<br>+0.72 | 350 | 140 | 56 | -0.38<br>-0.45 |
| 410 | 60 | 120 | +0.62<br>+0.72 | 356 | 125 | 52 | -0.42<br>-0.52 |
| 410 | 80 | 120 | +0.7<br>+0.8 | 360 | 110 | 55 | -0.28<br>-0.35 |
| 450 | 80 | 90 | +0.7<br>+0.8 | 365 | 130 | 54 | -0.42<br>-0.52 |

备注:1.建工尼龙可以根据客户要求提供轴承加工轴。
2.建工尼龙可以根据客户的要求,订制生产一些特殊规格的滑轮。

Note: 1. Jiangong nylon can provide bearing machining shaft according to customer requirements.
2. Jiangong nylon can be customized to produce some special specifications of pulley according to customer requirements.

## 特种尼龙滑轮主要规格参数
Special nylon pulley main specifications

参数-2

| 外径 (a)mm | 内径 (d)mm | 厚度 (n)mm | 过盈配合 | 外径 (a)mm | 内径 (d)mm | 厚度 (n)mm | 过盈配合 |
|---|---|---|---|---|---|---|---|
| 380 | 140 | 80 | -0.38<br>-0.45 | 600 | 215 | 90 | -0.85<br>-0.97 |
| 390 | 110 | 55 | -0.28<br>-0.35 | 612 | 210 | 77 | -0.85<br>-0.95 |
| 400 | 110 | 55 | -0.28<br>-0.35 | 612 | 310 | 86 | -0.92<br>-1.1 |
| 405 | 125 | 52 | -0.42<br>-0.52 | 620 | 110 | 58 | -0.22<br>-0.28 |
| 410 | 160 | 63 | -0.52<br>-0.62 | 625 | 200 | 110 | -0.82<br>-0.95 |
| 417 | 100 | 56 | -0.25<br>-0.32 | 630 | 210 | 80 | -0.85<br>-0.95 |
| 435 | 150 | 59 | -0.52<br>-0.62 | 640 | 140 | 62 | -0.38<br>-0.45 |
| 440 | 170 | 65 | -0.55<br>-0.65 | 650 | 210 | 77 | -0.85<br>-0.95 |
| 447 | 130 | 74 | -0.42<br>-0.52 | 660 | 215 | 100 | -0.85<br>-0.97 |
| 450 | 125 | 60 | -0.42<br>-0.52 | 671 | 240 | 85 | -0.85<br>-0.97 |
| 466 | 140 | 56 | -0.45<br>-0.55 | 680 | 80 | 70 | -0.27<br>-0.35 |
| 470 | 215 | 83 | -0.85<br>-0.97 | 685 | 130 | 74 | -0.42<br>-0.52 |
| 480 | 210 | 77 | -0.85<br>-0.97 | 690 | 225 | 118 | -0.85<br>-0.97 |
| 490 | 110 | 60 | -0.28<br>-0.35 | 700 | 440 | 60 | -1.1<br>-1.5 |
| 500 | 130 | 80 | -0.42<br>-0.52 | 710 | 180 | 130 | -0.55<br>-0.65 |
| 500 | 110 | 78 | -0.22<br>-0.27 | 750 | 210 | 77 | -0.85<br>-0.95 |
| 520 | 220 | 79 | -0.85<br>-0.97 | 790 | 90 | 75 | -0.22<br>-0.32 |
| 540 | 125 | 65 | -0.42<br>-0.52 | 836 | 130 | 74 | -0.42<br>-0.52 |
| 560 | 47 | 52 | -0.12<br>-0.18 | 847 | 100 | 100 | -0.27<br>-0.35 |
| 571 | 180 | 95 | -0.55<br>-0.65 | 910 | 320 | 124 | -0.92<br>-1.1 |
| 580 | 310 | 74 | -0.92<br>-1.1 | 1272 | 360 | 126 | -1.2<br>-1.35 |

备注:1.建工尼龙可以根据客户要求提供轴承加工轴。
2.建工尼龙可以根据客户的要求,订制生产一些特殊规格的滑轮。

Note: 1. Jiangong nylon can provide bearing machining shaft according to customer requirements.
2. Jiangong nylon can be customized to produce some special specifications of pulley according to customer requirements.

# MC尼龙物理、机械性能

## MC nylon physical and mechanical properties

### 表1:MC尼龙物理、机械性能

| 类别 Category | 性能 Property | 单位 (条件)Unit(Conditions) | 数值 Count Value |
|---|---|---|---|
| 物理性能 Physical Properties | 比重Property | g/cm³ | 1.14-1.16 |
| | 吸水率Water Absorption | % | ≤2 |
| 热性能 Thermal Performance | 耐寒温度Cold Temperature | ℃ | -40 |
| | 热变形温度Heat Distortion Temperature | ℃(0-45Mpa) | 180-220 |
| | 线膨胀系数Linear Expansion Coefficient | $10^{-6}K^{-1}$ | ≤130 |
| | 阻燃性(水平) Flame retardant (level) | | HB |
| 机械性能 Mechanical Property | 抗拉强度Tensile strength | Mpa | ≥70 |
| | 抗压强度compressive strength | Mpa | ≥85 |
| | 抗弯强度compressive strenght | Mpa | ≥80 |
| | 简友梁无缺口冲击强度 Jianyou beam has no notched impact strength | KJ/m² | ≥125 |
| | 断裂伸长率Elongation at break | % | ≥18 |
| | 摩擦系数coefficient of wear | | ≤0.4 |

### 表2:MC尼龙与金属材料性能比较

| 性能 Property | 单位 Unit | 铸钢 cast steel | 黄铜 brass | 青铜 bronze | 灰口钢 Grey iron | MC尼龙 MC nylon |
|---|---|---|---|---|---|---|
| 溶点 melting point | ℃ | 1425 | 950 | 995 | 1200 | 225 |
| 密度 density | g/cm³ | 7.8 | 8.4 | 8.8 | 7 | 1.14-1.16 |
| 导热系数 heat conductivity coefficient | 千卡/米小时℃ kcal/m hours℃ | | 80 | 55 | 40-80 | ≤13 |
| 线膨胀系数 coefficient fo linear expansion | $10^{-6}K^{-1}$ | 11.3-13 | 18.8 | 17.9 | 8.5-11.6 | 60-80 |
| 硬度 hardness | HB | 131-229 | 70-120 | 60-110 | 143-269 | 21-35 |
| 弹性模量 elasticity modulus | $10^{6}$kg/cm² | 1.75 | 0.91-0.99 | 1.05 | 1.15 | 0.04 |
| 摩擦系数 friction coefficient | | 0.12 | | 0.2 | 0.18 | 0.09-0.112 |
| 拉伸强度 tensile strength | Mpa | 450-650 | 300 | 180-250 | 100-350 | 75-110 |

### 表2:MC尼龙的抗张特性

| 性质 Properties | 单位 Unit | 温度Temperature 0°C | 23°C | 100°C |
|---|---|---|---|---|
| 2%伸张率时应用2%elongation when anpplied | kg/cm² | 520 | 450 | 150 |
| 5%伸张率时应用5%elongation when anpplied | kg/cm² | 980 | 870 | 280 |
| 10%伸张率时应用10%elongation when anpplied | kg/cm² | | | 380 |
| 20%伸张率时应用20%elongation when anpplied | kg/cm² | | | 470 |
| 屈服点的压力The yield point stress | kg/cm² | 1000 | 870 | 500 |
| 伸长率elongation | % | 6.5 | 5 | 30 |
| 断裂点的压力Breaking point pressure | kg/cm² | 999 | 880 | 500 |
| 伸长率elongation | % | 8 | 15 | 50 |

# MC尼龙耐磨性能比较

## Comparison of wear resistance of MC nylon

由于MC尼龙有较高的结晶度,因而表现出良好的耐磨性能。它只是在初期使用时稍有磨损,以后很少,它不像金属制品那样,磨损成都与使用期成正比例增长(见表5、6、7)

MC nylon exhibits good wear resistance because of its high crystallinity. It is only slightly worn in the initial use, and rarely later, it is not like metal products, wear Chengdu and use period increases in direct proportion (see Table5, 6, 7, 8).

### 表4:MC尼龙的压缩性质

| 性质 Properties | 单位 Unit | 数值 numerical value |
|---|---|---|
| 1%压缩变形应力 1%Compression deformation stress | kg/cm² | 250 |
| 2%压缩变形应力 2%Compression deformation stress | kg/cm² | 470 |
| 4%压缩变形应力 4%Compression deformation stress | kg/cm² | 870 |
| 屈服点的压力 The yield point stress | kg/cm² | 1040 |
| 压缩变形率 Compression ratio | % | 6 |

### 表5:tdber磨损试验

| 试料 Test Materials | 磨损量 Wearing Capacity | | |
|---|---|---|---|
| MC尼龙 MC nylon | 0.5-0.8 | 备注 | notes |
| 尼龙 66 nylon66 | 1.6 | 试验条件 | test condition |
| 布基酚醛树脂制品burkina phenolic resin products | 6.7 | 温度20±℃温度65±5℃ | Tenperature of 20±℃, hunidity65±5℃ |
| 石棉酚醛塑料制品Asbestos bakelite products | 10.5 | 磨轮CS-17,荷重1000克 | wheel cs-17,load 1000g |
| 聚缩醛polyacetal | 3.2 | 回转数3000次 | Rotational speed 3000times |
| 高密度聚已烯High density polyethylene | 2.5 | 磨损量是以MC尼龙的磨损重量 | MCnylon wear volume is based on the wear |
| 硬质聚亚胺脂橡胶Rigid polyurethane rubber | 2.0 | 为1的磨损体积比 | weight of a volume ratio of wear |
| 铜copper | 8.3 | | |
| 钢(ss14) steel(ss14) | 8.8 | | |

### 表6:MC尼龙在不同润滑条件下的磨损系数

| 润滑条件Lubrication condition | 磨擦方式Friction Way 静磨擦系数uostatic Fricion coefficient uo | 动磨擦系数V Dynamic Friction coefficient of V |
|---|---|---|
| 循环油润滑Circulating oil lubrication | 0.002-0.2 | |
| 矿物油润滑Mineral oil lubrication | 0.1 | 0.08 |
| 黄干油润滑Huang dry oil lubrication | 0.15-0.20 | |
| 无油润滑(干摩擦) Non-lubricated(dry friction) | 0.3-0.4 | 0.15-0.30 |
| 水润滑Water lubrication | 0.23 | 0.19 |
| 5%二硫化钼填充料5%molybednum disulfide filler | 0.07-0.15 | 0.06-0.1 |

### 表7:多种材料的摩擦系数和PV值

| 材料Materiais | 许用应力P(MPa) Allowable stress P(MPa) | 许用速度V(m/s) Permissible(m/s) | PV极限值 PVLimits | 摩擦系数Friction Coefficient 无润滑Without lubrication | 润滑Lubrication |
|---|---|---|---|---|---|
| 轴承合金Bearing Alloy | 20 | 50 | 10 | 0.28 | 0.005 |
| 鲁铜CNC-565 Lu copper CNC-565 | 5 | 3 | 10 | 0.15 | 0.0093 |
| 青铜BPOΨ0.6-0.5Bronze BPOΨ0.6-0.5 | 10 | 3 | 15 | 0.12 | 0.01 |
| MC尼龙 MC Nylon | 10 | 3 | 10 | 0.156 | 0.0185 |
| MC尼龙+3%石墨MC Nylon+3%graphite | 8 | 10 | 15 | 0.025 | 0.008 |
| MC尼龙+5%石墨MC Nylon+5%graphite | 10 | 4 | 12 | 0.08 | 0.015 |
| 夹布胶木 Fabric Bakelite | 6 | 3.5 | 8 | 0.16 | 0.02 |

实力创造



# 04

## 设备篇
## DEVICES

室内实验室 Indoor laboratory

生产车间 Production workshop

WWW.JGNL.CN

# 先进的产品检测设备

# ADVANCED PRODUCT TESTING EQUIPMENT

建工尼龙选用高质量的原材料、零配件，以精益生产、5S等先进管理方式为基础进行持续改进，依托先进的OTIS-Q+质量管理办法，严格执行IS9001质量管理体系，拥有先进的生产检测设备和强大的生产能力。

Jian Gong Nylon uses high-quality raw materials and parts, and bases its continuous improvement on advanced production management methods such as lean production and 5S. It relies on the advanced OTIS-Q+ quality management system to strictly implement the ISO9001 quality management system. It has advanced production and testing equipment and strong production capacity.

# INDOOR LABORATORY



## 实力创造的力量

STRENGTH
THE POWER OF CREATION

## 室内实验室









# 生产车间

建工尼龙的构思言简意赅，我们希望在知识社会和经济领域，
用领先的技术与尖端设备，将完美尼龙制品变成现实，
为尼龙行业的不断进步，贡献一份力量!

The idea of construction nylon is simple and comprehensive,
we hope in the knowledge society and economic field,
with leading technology and cutting-edge equipment,
the perfect nylon products into reality,
for the continuous progress of nylon industry,
contribute a force!












# PRODUCTION WORKSHOP

我们致力于提升产品品质

WE ARE COMMITTED TO IMPROVING
THE QUALITY OF OUR PRODUCTS




# 05

## 荣誉篇
## Honors

荣誉资质 Honor and qualification

质量保证体系 Quality assurance system



# 荣誉资质
## HONOR AND QUALIFICATION

| | |
|---|---|
| 国家高新技术企业 | National High-tech Enterprises |
| 专精特新小巨人 | Specialized In The New Little Giant |
| 企业技术中心 | Enterprise Technology Center |
| 省级创新服务型企业 | Provincial Innovative Service Enterprises |
| 江苏民营科技企业 | Jiangsu Private Science And Technology Enterprises |
| 江苏淮安经济开发区四星级企业 | Jiangsu Huaian Economic Development Zone Four-star Enterprises |
| 中国工程机械协会会员 | Member Of China Construction Machinery Association |
| 中国电梯协会会员 | Member Of China Elevator Association |
| 中国建筑机械工程协会会员 | Member Of China Construction Machinery Engineering Association |
| 客户评为“最佳质量奖” | Customer Awarded "Best Quality Award" |
| 客户评为“合作共赢奖” | Customer Awarded "Win-win Cooperation Award" |
| 客户评为“优秀供应商” | Customer Rated As "Excellent Supplier" |
| …… | …… |




# 质量体系
## SYSTEMCERTIFICATION




科学技术是第一生产力，
淮安建工尼龙制品有限公司在打好扎实技术基本功的同时，把产品研发作为企业发展的根本，并不断改革创新。
在行业内创造出很多独有的生产技术和作业方法，申请了很多专利，从而发展企业本身的同时，也为行业作出应有的贡献。

Science and technology are the primary productive forces.
Huaian jiangong nylon products Co., LTD in a solid technical basic skills at the same time,
the product research and development as the foundation of enterprise development, and continue to reform and innovation.
In the industry to create a lot of unique production technology and working methods, applied for a lot of patents,
so as to develop the enterprise itself at the same time, but also to make due contributions to the industry.



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# 06

## 展望篇
## PROSPECT

发展战略 Development strategy

营销网络 Marketing network

展望未来 Look to the future

# 发展战略
# DEVELOPMENT STRATEGY

## 两大战略三步走

建工尼龙正在成为“创业价值的技术型企业”这一目标稳步发展。我们所取得的每一个晓得进步都是量的积累，当量的积累到发散程度时，就会产生飞跃性的发展机会。建工人致力于把握“两大战略三步走”的每一次机会，来实现飞跃性的发展！

## 产业创新战略

机制创新，增添企业竞争力。形成民营集团框架下的外商投资控股合资合作企业。
管理创新，增添企业发展活力，使管理向科学化、制度化、规范化方面发展。
经营创新，增添企业经济长力，从项目上走前向一体化，新增企业实力。

## 文化核心战略

做深做透物质文化战略，不断改善生产环境与建工再发展的物质基础，积极实施制度，行为文化战略，确保一切行为有制度、工作有标准、执行有流程、实现员工行为一体化，最终形成建工精神文化战略，体现建工精神，完善文化体系，进行全面企业管理战略化。

## TWO BIG STRATEGIC THREE STEPS

Huaian Jiangong nylon products co.,ltd.Is becoming a "technology-based enterprise of entrepreneurial value" the goal of steady development. Every progress we make is an accumulation of quantities, and when the accumulation of equivalent amounts reaches the point of divergence, there will be opportunities for rapid development. Construction workers are committed to seizing every opportunity of the "two major strategies and three steps" to achieve rapid development!

## INDUSTRIAL INNOVATION STRATEGY

Mechanism innovation, increase the competitiveness of enterprises. Form a foreign-invested holding joint venture cooperative enterprise under the framework of a private group.
Management innovation, increase the vitality of enterprise development, so that management to scientific, institutionalized, standardized development.
Business innovation, increase the economic growth of enterprises, from the project to move forward integration, new enterprise strength.

## CULTURAL CORE STRATEGY

Make deep and thorough material culture strategy, constantly improve the material basis of production environment and construction reconstruction, actively implement the system and behavior culture strategy, ensure that all behaviors have a system, work standards, implementation procedures, and realize the integration of employee behavior, and finally form the construction spirit and culture strategy, reflect the construction spirit, improve the cultural system, and carry out comprehensive enterprise management strategy.

# 营销网络
MARKETING
NETWORK



淮安市建工尼龙制品有限公司已新的个性化服务满足客户每一处细节需求，以敏锐的触觉瞬息捕捉市场变换、清晰把握国际尼龙行业动态，与时俱进、锐意进取、开拓创新。整合了一套完善的营销服务体系。

Huai 'an Jiangong Nylon Products Co., Ltd. has a new personalized service to meet the needs of customers in every detail, with a keen sense of touch to capture the market change, a clear grasp of the international nylon industry dynamics, with The Times, forge ahead, pioneering and innovative.Integrated a set of perfect marketing service system.

# 部分合作伙伴
PARTIAL
PARTNERS

FOTON DAIMLER 福田戴姆勒汽车 · 北汽重卡 BAIC TRUCK · XCMG 徐工集团
SANY · LGMG 临工重机 · 中联重科
一汽解放 · 宇通重工 · LiuGong 柳工
RHM 润邦重机 · DINGLI · GROVE

……

排名不分先后

## 这是一个专注服务的世界！

只有真正具有洞察力并拥有资源的人，才具备随需应变的思考能力，作为合作伙伴，方案的执行者，淮安建工尼龙制品有限公司全程生产服务凭借与客户丰富的合作经验，以及对市场的深入洞察力，根据您的现状和需求，全力推进生产服务模式、业务模式和企业文化的塑造，优质高效的先进建工尼龙价值链管理和AE质量理念为依托，将设计开发、质量保障、营销网络化服务融为一体的物流服务链，虽然不会在一夜之间完成，但一定会为您的产品带来真正的转变。随需应变的物流服务，需要随需应变的人帮您实现。

## THIS IS A WORLD OF SERVICE!

Only people with real insight and resources can have the ability to think on demand, as a partner, the implementation of the program, Huaian jiangong nylon Products Co., Ltd. full production services with rich experience in cooperation with customers, as well as in-depth insight into the market, according to your current situation and needs, Fully promote the production service model, business model and corporate culture shaping, high-quality and efficient advanced construction nylon value chain management and AE quality concept as the basis, the design and development, quality assurance, marketing network services integrated logistics service chain, although not completed overnight, but will certainly bring real changes to your products. On-demand logistics services that need people on demand to help you implement.

# 展望未来

## LOOK FORWARD TO THE FUTURE

淮安市建工尼龙制品有限公司正在转变为一个信息化的技术型企业，
并致力与在未来成为尼龙制品潮流的主导，给客户带来最新的尼龙制品服，
我们的“四个延伸”阐明了我们的决心，
力求成为开拓尼龙制品领域的技术型专家和先驱企业！

Huai 'an Jiangong Nylon Products Co., Ltd. is transforming into an information-based technology enterprise,
And strive to become the leading trend of nylon products in the future, to bring customers the latest nylon products services,
Our "Four extensions" spell out our resolve,
Strive to become a technical expert and pioneer enterprise in the field of nylon products!

## 四个延伸

企业发展像国际化延伸
企业规模向智能化延伸
企业组织向集团化延伸
企业管理向专业化延伸

## FOUR EXTENSIONS

Enterprise development like international extension
Enterprise scale to intelligent extension
Enterprise organization extends to collectivization
Enterprise management extends to specialization