

**GUANGZHUO TRANSMISSION**

为客户提供专业化规范化的服务


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光卓 GUANG ZHUO

GUANGZHUO Transmission

# GUANGZHUO TRANSMISSION

## 产品宣传册

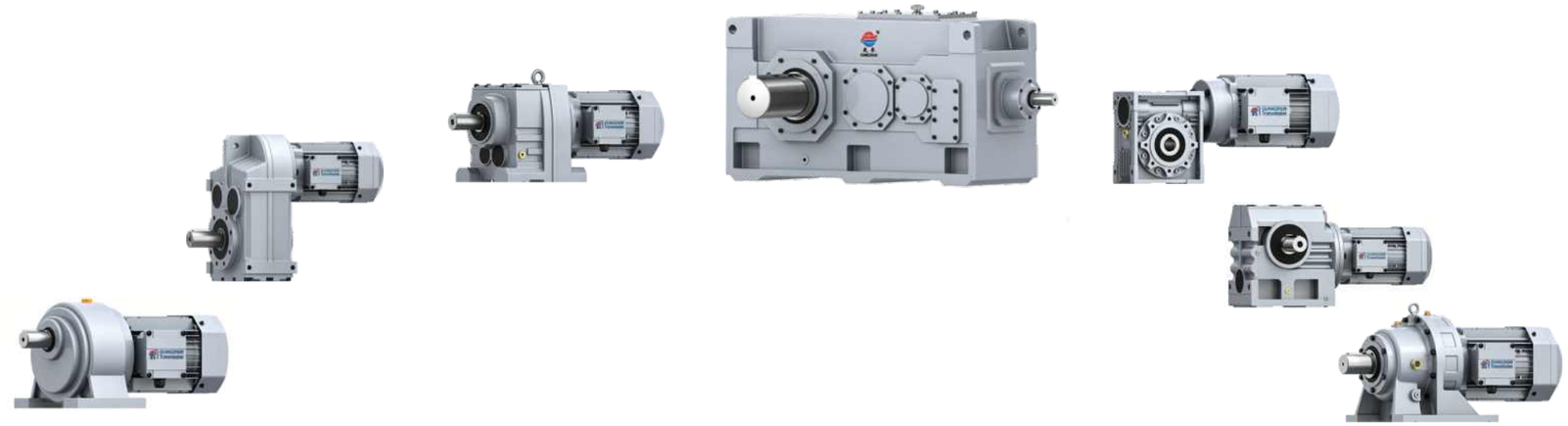

江苏光卓传动科技有限公司
JIANGSU GUANGZHUO TRANSMISSION TECHNOLOGY CO., LTD

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# COMPANY
## 企业简介 Profile

江苏光卓传动科技有限公司成立于2013年，是一家专注于工业齿轮箱，精密行星齿轮，成套搅拌设备研发、生产及销售一体的传动装置专业制造商，总部及研发基地设立于风景秀丽的西太湖工业园区，并在全国多地设有销售公司。公司专业生产R系列斜齿轮减速机，F系列平行轴齿轮减速机，K系列螺旋斜齿轮减速机，S系列蜗轮减速机，HB系列工业齿轮箱，B系列摆线针轮减速机，GH系列轻型齿轮减速电机，RV系列蜗轮蜗杆减速机，蜗轮丝杆升降机T系列螺旋锥齿轮转向箱，等十余个系列，数千种规格的产品，是目前国际上工业动力传输领域最普遍采用的减速驱动装置。产品广泛应用于冶金、矿山、石化、烟草、陶瓷橡塑、粮油食品、啤酒饮料、交通运输及国内新兴的物流设备、立体车库、环保等行业。

Jiangsu Guangzhuo Transmission Technology Co., Ltd. was founded in 2013. It is a professional manufacturer of transmission equipment integrating R&D, production and sales, focusing on industrial gearboxes, precision planetary gear and complete mixing equipment. The headquarters and R&D base are located in the beautiful West Taihu Lake Industrial Park , and established many sales companies in various regions. The company specializes in the production of R series helical gear reducer, F series parallel shaft gear reducer, K series helical gear reducer, S series worm gear reducer, HB series industrial gear box, B series cycloid pin gear reducer, GH series light gear motor, RV series worm gear reducer, worm wheel screw lift T series spiral bevel gear steering box, more than ten series, thousands of specifications of products. We are currently the international industrial power transmission field of the most widely used deceleration drive device. Products are widely used in metallurgy, mining, petrochemical, tobacco, ceramic rubber and plastic, grain, oil and food, beer and beverage, transportation and domestic emerging logistics equipment, three-dimensional garage, environmental protection and other industries.



我公司产品严格按照国家标准和行业标准制造，通过了国家3C、CQC、CE、IS09001等多方面认证。公司技术和研发实力雄厚，参与多个省级污水工程研究和设计，拥有多项核心技术专利，自主研发多个系列精密齿轮产品，并被政府认定为“科技型中小企业”“高新技术企业”。公司自成立以来，始终坚持以人为本、诚信立业的经营原则，不忘初心，方得始终。光卓坚持履行社会责任，踊跃投身各项社会公益事业。

青春逢盛世 奋斗正当时 中国青年 不负韶华

江苏光卓传动科技有限公司




Our products are manufactured in strict accordance with national standards and industry standards, and have passed the national 3C, CQC, CE, IS09001 and other certifications. The company has strong technology and research and development strength, participated in the research and design of a number of provincial sewage projects, has a number of core technology patents, independent research and development of a number of series of precision gear products, and has been recognized by the government as "science and technology small and medium-sized enterprises" and "high-tech enterprises". Since its establishment, the company has always adhered to the business principle of people-oriented and integrity, and never forgot the original intention. Guangzhuo insists on fulfilling its social responsibility and actively participates in various social welfare undertakings.Youth every time the prosperity of the struggle at that time of China's youth live up to Shaohua

Jiangsu Guangzhuo Transmission Technology Co., Ltd.

# FOUR Series
# 四大系列






四大系列减速机，即R、K、F、S四大系列减速机，在多个行业中都有广泛的应用。以下是关于这四个系列减速机在各自领域的具体运用：

Four series of reducers, namely K, R, S and F, are widely used in many industries. The following is about the specific application of these four series reducers in their respective fields:

### R系列斜齿轮硬齿面减速机：

这种减速机具有体积小、重量轻、承载能力高、效率高、使用寿命长等特点，因此在各种需要减速的设备中都有广泛应用。特别是在起重机械、冶金、水泥、钢铁、建筑、矿山、化工、轮船等领域的重载设备传动中，R系列减速机的表现尤为出色。

### R series helical gear hard tooth surface reducer:

This kind of reducer has the characteristics of small size, light weight, high bearing capacity, high efficiency and long service life, so it is widely used in all kinds of equipment that need to slow down. Especially in the transmission of heavy-duty equipment in hoisting machinery, metallurgy, cement, steel, construction, mining, chemical industry, ships and other fields, the performance of R series reducer is particularly outstanding.



### K系列螺旋锥齿轮减速机：

该系列减速机适用于冶金、造纸、化工、轻工、食品等领域的传动设备。其独特的螺旋锥齿轮设计，使得它在高负载、高扭矩的传动环境中表现优异。

### K Series Helical Gear Reducer:

This series of reducers are suitable for transmission equipment in metallurgy, papermaking, chemical industry, light industry, food and other fields. Its unique spiral bevel gear design makes it perform well in high load and high torque transmission environment.



### F系列平行轴斜齿轮减速机：

该系列减速机主要用于水平同轴输出的减速场景，其高效、稳定的性能使得它在各种机械设备中都有应用。尤其是在需要精确控制转速和扭矩的场合，F系列减速机能够提供可靠的支持。

### F series parallel axis helical gear reducer:

This series of reducers are mainly used in the deceleration scene of horizontal coaxial output, and its high efficiency and stable performance make it applicable to various mechanical equipment. Especially in the occasions where the speed and torque need to be accurately controlled, F series reducers can provide reliable support.



### S系列斜齿轮蜗轮蜗杆减速机：

该系列减速机以其变速范围大、结构紧凑、安装方便等特点，广泛应用于冶金、矿山、起重、轻工、化工、运输、建筑等机械设备的减速机构。其斜齿轮蜗轮蜗杆的设计，使得该减速机在承受大负载的同时，也能保持稳定的运行。

### S series helical gear worm gear reducer:

This series of reducers are widely used in the reduction mechanism of metallurgical, mining, lifting, light industry, chemical industry, transportation, construction and other mechanical equipment because of their large speed range, compact structure and convenient installation. The design of the helical gear worm gear makes the reducer bear heavy load and keep stable operation at the same time.



总的来说，四大系列减速机以其各自的特点和优势，在多个行业中都发挥着重要的作用。无论是冶金、化工、建筑还是轻工、食品等行业，都能找到适合其需求的减速机类型。随着技术的不断进步和市场的不断发展，四大系列减速机在更多领域的应用也将不断拓展。

Generally speaking, the four series reducers play an important role in many industries with their respective characteristics and advantages. Whether in metallurgy, chemical industry, construction, light industry, food and other industries, we can find the type of reducer suitable for their needs. With the continuous progress of technology and the continuous development of the market, the application of the four series reducers in more fields will continue to expand.

# LITTLE KING
# 小金刚 Kong

小型齿轮减速马达因其结构紧凑、传动效率高等特点，被广泛应用于多个行业。具体来说，它主要应用在以下领域：

**机械制造：**

在机械制造领域，小型齿轮减速马达常被用于驱动各种机械设备，如机床、搅拌设备、输送带、起重设备等，实现旋转运动的改变和稳定的转速及扭矩输出。

**自动化设备：**

在自动化生产线和包装机械中，小型齿轮减速马达常用于控制和调节机器的运动速度和扭矩输出，如自动包装机、自动装配线、机器人等，以实现精准的控制和传动。

**工业生产线：**

小型齿轮减速马达也广泛应用于工业生产线，如驱动输送线、流水线、提升机等设备，以满足生产线上的各种转速和扭矩需求。

**交通运输：**

在交通运输领域，小型齿轮减速马达常用于汽车、火车和船舶的传动系统，实现动力输出和驱动力调节，确保交通工具的稳定运行。

**农业机械：**

在农业领域，小型齿轮减速马达也被广泛应用于农用机械，如收割机、喷雾器、搅拌器等，以适应不同农业作业的需求。

随着科技的进步和工业的发展，小型齿轮减速马达的应用领域还在不断扩展。它的高效、可靠和紧凑的特点，使得它在各个需要减速、增力或稳定传动的行业中都发挥着重要作用。










Small gear reduction motor is widely used in many industries because of its compact structure and high transmission efficiency. Specifically, it is mainly used in the following fields:

**Mechanical manufacturing:**

In the field of mechanical manufacturing, small gear reduction motors are often used to drive various mechanical equipment, such as machine tools, mixing equipment, conveyor belts, lifting equipment, etc., to realize the change of rotary motion and stable speed and torque output.

**Automation equipment:**

In automatic production lines and packaging machinery, small gear reduction motors are often used to control and adjust the movement speed and torque output of machines, such as automatic packaging machines, automatic assembly lines, robots, etc., in order to achieve accurate control and transmission.

**Industrial production line:**

Small gear reduction motors are also widely used in industrial production lines, such as driving conveyor lines, assembly lines, hoists and other equipment, to meet the requirements of various speeds and torques on the production lines.

**Transportation:**

In the field of transportation, small gear reduction motors are often used in the transmission systems of automobiles, trains and ships to realize the adjustment of power output and driving force and ensure the stable operation of vehicles.

**Agricultural machinery:**

In the agricultural field, small gear reduction motors are also widely used in agricultural machinery, such as harvesters, sprayers, mixers, etc., to meet the needs of different agricultural operations.

With the progress of science and technology and the development of industry, the application field of small gear reduction motor is still expanding. Its high efficiency, reliability and compactness make it play an important role in all industries that need to slow down, increase power or stabilize transmission.

# CYCLOIDAL
# 摆线减速机 Reducer

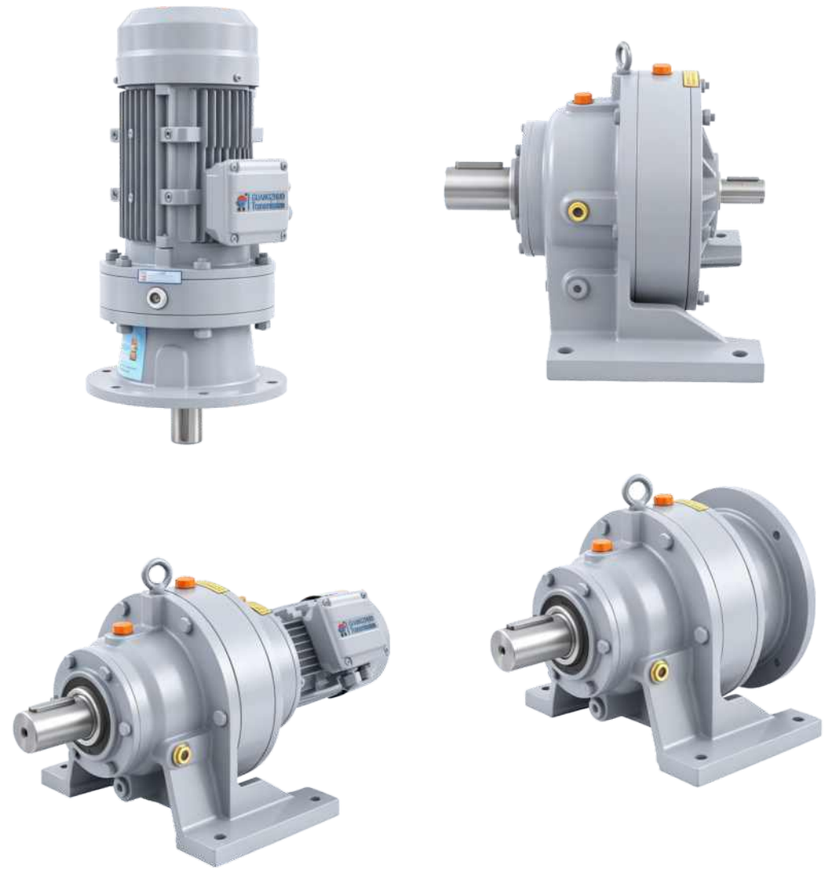



摆线针轮减速机具有高精度、高效率、低噪音、长寿命、结构简单等特点，因此在许多行业和场景中得到了广泛应用。

摆线针轮减速机被广泛用于各种工业机械，如矿山机械中的提升机、输送机、破碎机等设备，以及石油化工中的大型泵、压缩机等设备。此外，纺织机械、食品机械和包装机械等也都需要摆线针轮减速机来提供稳定可靠的传动动力，以满足高精度传动需求，提高设备的效率和精度。

Cycloidal pin wheel reducer has the characteristics of high precision, high efficiency, low noise, long life and simple structure, so it has been widely used in many industries and scenes.

Cycloidal pinwheel reducers are widely used in various industrial machinery, such as hoists, conveyors, crushers and other equipment in mining machinery, as well as large pumps and compressors in petrochemical industry. In addition, textile machinery, food machinery and packaging machinery also need cycloidal pinwheel reducers to provide stable and reliable transmission power to meet the requirements of high-precision transmission and improve the efficiency and accuracy of equipment.





# RV WORM GEAR REDUCER
## RV蜗轮蜗杆减速机




RV蜗轮蜗杆减速机是一种新型减速设备，具有结构紧凑、体积轻巧、小型高效等特点，是高精度、高扭矩的传动装置，采用蜗轮蜗杆与摆线针轮复合传动结构，兼具紧凑体积与卓越力学性能，因此被广泛应用于多个行业。

食品和饮料行业是RV蜗轮蜗杆减速机的主要应用场所之一。在生产线上，这种减速机常被用于输送带、瓶装设备和灌装设备等，满足这些设备对稳定运行速度和高效传动性能的需求。

在这些行业中，RV蜗轮蜗杆减速机通常用于实现大速比、低噪音、高稳定的机械减速传动控制，提高系统定位精度和响应速度，从而提高工作效率和安全性。

RV worm gear reducer is a new type of deceleration equipment, with compact structure, light size, small and efficient characteristics, is a high-precision, high-torque transmission device, the use of worm gear and worm and cycloidal pin wheel composite transmission structure, both compact volume and excellent mechanical properties, so it is widely used in many industries.

The food and beverage industry is one of the main applications for RV worm gear units. In production lines, this type of gear unit is often used conveyor belts, bottling equipment, filling equipment, etc. to meet the needs of these equipment for stable operating speed and efficient transmission performance.

In these industries, RV worm gear reducers are often used to achieve high speed ratios, low noise, and high stability machinery deceleration drive control to improve system positioning accuracy and response speed, thereby improving work efficiency and safety.



GUANGZHUO
Transmission

# HYPOID GEAR
## 准双曲面齿轮减速机 REDUCER

准双曲面齿轮减速机是精密传动领域的革新之作，凭借其独特的齿轮啮合结构与高承载能力，成为工业自动化、高端装备及精密机械传动的理想选择。其核心采用准双曲面齿轮副，通过轴线偏置设计实现齿轮交错啮合，兼具螺旋锥齿轮的平稳性与蜗轮蜗杆的高减速比优势，传动效率可达95%以上，同时显著降低运行噪音与振动。广泛应用于AGV驱动、机器人关节、食品包装机械、医疗设备、数控机床及智能物流分拣系统等场景，尤其适合空间受限且要求低噪音、高可靠性的精密传动需求。作为高效传动的标杆产品，准双曲面齿轮减速机以低背隙、高刚性、节能省空间等特性，持续推动工业装备向轻量化、精密化升级。其创新设计与卓越性能，正为智能制造、新能源及自动化物流等领域提供更可靠、更静音的驱动解决方案。

Hypoid Gear Reducers represent a groundbreaking innovation in precision power transmission, distinguished by their unique gear meshing structure and high load-bearing capacity. As an ideal solution for industrial automation, high-end equipment, and precision mechanical drives, their core design employs hypoid gear pairs. Through an axis-offset configuration enabling staggered gear engagement, these reducers combine the smooth operation of spiral bevel gears with the high reduction ratio advantages of worm gear sets. Achieving transmission efficiency exceeding 95%, they significantly reduce operational noise and vibration while delivering superior performance. Widely deployed in AGV drives, robotic joints, food packaging machinery, medical equipment, CNC machine tools, and intelligent logistics sorting systems, they excel in space-constrained applications demanding low-noise operation and ultra-reliable precision transmission.As benchmark products for efficient power transmission, hypoid gear reducers drive industrial equipment evolution toward lightweight and precision-enhanced systems through their low backlash, high rigidity, energy efficiency, and space-saving advantages. Their innovative engineering and outstanding performance continue to deliver reliable, ultra-quiet drive solutions for smart manufacturing, renewable energy, and automated logistics sectors, redefining standards for mission-critical motion control applications.



# THREE-PHASE
## 三相异步电机 ASYNCHRONOUS MOTOR







三相异步电机是工业领域应用最广泛的动力设备之一，凭借其结构简单、运行可靠、维护便捷的特点，成为驱动各类机械系统的核心动力源。电机采用模块化设计，主要由定子、转子及气隙构成，外壳多采用高强度铸铁或铝合金材质，兼具散热性与抗冲击能力。凭借宽泛的功率范围（0.75kW至数百kW）和灵活的转速调节特性，可适配风机、水泵、压缩机、输送设备、机床等多种工业场景，覆盖制造业、冶金、石化、矿山、农业及交通运输领域。作为工业文明的基石，三相异步电机通过持续的技术迭代，在高效节能、智能控制与可持续制造领域不断突破，持续为全球产业升级提供绿色动力支持。

Three-phase induction motors stand as one of the most extensively utilized power devices in industrial applications, distinguished by their simple construction, reliable operation, and low-maintenance characteristics. These motors serve as the core power source for driving diverse mechanical systems, delivering robust performance across a wide range of industrial operations.Featuring modular architecture, these motors primarily comprise a stator, rotor, and air gap. Their enclosures typically employ high-strength cast iron or aluminum alloys, balancing thermal dissipation with impact resistance. With a broad power range (0.75 kW to hundreds of kW) and adaptable speed regulation characteristics, they accommodate diverse industrial applications including fans, water pumps, compressors, conveying equipment, and machine tools. This versatility extends across manufacturing, metallurgy, petrochemical, mining, agriculture, and transportation sectors.As a cornerstone of industrial civilization, three-phase induction motors continue to drive global industrial modernization through continuous technological advancements in energy efficiency, intelligent control systems, and sustainable manufacturing practices. Their ongoing evolution in high-efficiency operation and smart grid compatibility positions them as critical enablers of green energy transitions, providing robust support for worldwide industrial upgrading with environmentally conscious power solutions.





# PERMANENT MAGNET
## 永磁电机 Motor






永磁电机是新一代高效能驱动技术的代表，凭借其高功率密度、卓越能效及精准控制特性，成为新能源、智能制造等领域的核心动力解决方案。其核心优势在于采用高性能永磁体（如钕铁硼）替代传统励磁绕组，通过永磁体与定子绕组的磁场相互作用直接产生转矩，省去励磁电流损耗，显著提升能量转换效率，综合能效较传统电机提升15%~30%。广泛应用于新能源汽车驱动、风力发电、工业伺服、空调压缩机、机器人及航空航天等高要求领域。其调速范围宽、动态响应快的特性，可精准匹配变频器或智能控制系统，实现转速与扭矩的实时优化。作为绿色能源转型的关键装备，永磁电机以低能耗、低噪音、长寿命等优势，助力工业节能降耗与碳中和目标。随着材料科学与控制技术的持续突破，永磁电机正推动驱动系统向高效化、智能化、集成化方向加速演进，为未来可持续能源应用注入创新动能。

Permanent magnet motors (PMMs) represent a new generation of high-efficiency drive technology, distinguished by their exceptional power density, superior energy efficiency, and precision control capabilities. As a core power solution for emerging sectors like renewable energy and smart manufacturing, their fundamental advantage lies in replacing traditional excitation windings with high-performance permanent magnets (e.g., neodymium iron boron, NdFeB). The direct magnetic interaction between permanent magnets and stator windings generates torque while eliminating excitation current losses, achieving 15–30% improvement in energy conversion efficiency compared to conventional motors. Their applications extend across demanding fields such as new energy vehicle propulsion, wind power generation, industrial servo systems, HVAC compressors, robotics, and aerospace. The broad speed regulation range and rapid dynamic response enable seamless integration with variable-frequency drives (VFDs) or intelligent control systems, facilitating real-time optimization of rotational speed and torque.As critical equipment for green energy transitions, PMMs contribute to industrial energy conservation and carbon neutrality goals through low energy consumption, minimal noise emissions, and extended service life. Continuous breakthroughs in material science and control technologies are accelerating the evolution of PMMs toward higher efficiency, intelligent operation, and system integration. These advancements position permanent magnet motors as innovation drivers for next-generation sustainable energy applications, injecting transformative momentum into intelligent manufactu.

# JB SERIES GEARBOX

## JB系列齿轮箱



JB系列齿轮箱是一款高性能、模块化设计的工业级传动设备，以卓越的承载能力、运行稳定性及广泛适配性为核心优势，专为中高扭矩、严苛工况下的动力传输需求打造。有JB400,JB330,JB320等，其采用斜齿轮与硬齿面组合传动结构，经精密加工与热处理工艺，实现高效能量传递，单级传动效率超96%，多级串联设计可满足更大速比需求，灵活应对多样工业场景。JB系列齿轮箱广泛应用于矿山破碎、双轴调制器、冶金轧机、橡塑挤出及大型输送设备等重载领域，其模块化组件支持快速维护与定制化扩展。凭借低振动、耐冲击、长维护周期等特性，该产品可大幅降低用户综合运维成本，助力连续生产系统的可靠性与能效升级。作为工业传动的经典之选，JB系列齿轮箱以技术成熟、适配灵活、经久耐用的品质，持续为全球重工业与高端装备领域提供高效、静音、节能的动力传输解决方案，诠释“可靠传动”的核心价值。

The JB Series Gearbox is a high-performance, modular industrial-grade transmission system engineered for medium-to-high torque applications under demanding operating conditions. Renowned for exceptional load capacity, operational stability, and broad compatibility, its core design integrates helical gears with hardened tooth surfaces. Precision machining and heat treatment processes ensure efficient power transmission, achieving single-stage transmission efficiency exceeding 96%. Multi-stage series configurations accommodate extended speed ratio requirements, delivering flexible solutions for diverse industrial requirements.The JB Series Gearboxes are extensively deployed in heavy-duty applications such as mining crushing systems, dual-shaft mixers, metallurgical rolling mills, rubber/plastic extrusion equipment, and large-scale conveying systems. Their modular components facilitate rapid maintenance and customized expansions. With inherent advantages including low vibration, impact resistance, and extended maintenance intervals, these gearboxes significantly reduce users' total operational costs while enhancing the reliability and energy efficiency of continuous production systems.As a benchmark in industrial power transmission, the JB Series Gearbox exemplifies mature technology, adaptable configurations, and exceptional durability. Its silent operation, energy-saving performance, and robust construction continue to deliver efficient drive solutions for global heavy industries and advanced equipment sectors, epitomizing the core value of "reliable power transmission" through innovation and engineering excellence.





# INDUSTRIAL GEAR

## 工业齿轮箱 Box

### HB齿轮箱

HB gear box



HB系列工业齿轮箱减速机是为严苛工业环境设计的高性能动力传输解决方案，集斜齿轮传动与硬齿面技术于一体，单级传动效率超过96%。通过多级组合配置，可提供5:1至450:1的宽速比范围，适配功率5.5kW~750kW，输出扭矩高达500kN·m，专为中高负载及连续运转的高强度场景打造，确保精准可靠的动力输出。产品采用高强度铸铁箱体，配备优化散热筋与IP65防护级密封系统，广泛应用于矿山破碎设备、冶金轧机、建材生产线、港口起重机械及橡塑加工设备等重工业领域。支持定制化升级选项，如变频驱动（VFD）接口、温度监控传感器及强制润滑系统，助力智能化运维管理。作为现代工业自动化的核心组件，其紧凑设计、静音运行及卓越耐久性为重型设备与精密传动场景提供可持续动力支持，赋能绿色制造与高效生产。

The HB series industrial gear reducer is a high-performance power transmission solution designed for harsh industrial environments, integrating helical gear transmission and hardened tooth surface technology, with a single-stage transmission efficiency exceeding 96%. Through multi-stage combination configurations, it offers a wide speed ratio range from 5:1 to 450:1, compatible with power ratings from 5.5kW to 750kW, and an output torque of up to 500kN·m, specifically designed for medium to high load and continuous operation in high-intensity scenarios, ensuring precise and reliable power output.

The product features a high-strength cast iron housing, equipped with optimized heat dissipation ribs and an IP65 protection level sealing system, widely used in heavy industrial fields such as mining crushing equipment, metallurgical rolling mills, building material production lines, port lifting machinery, and rubber and plastic processing equipment. It supports customized upgrade options, such as variable frequency drive (VFD) interfaces, temperature monitoring sensors, and forced lubrication systems, facilitating intelligent operation and maintenance management.

As a core component of modern industrial automation, its compact design, quiet operation, and exceptional durability provide sustainable power support for heavy equipment and precision transmission scenarios, empowering green manufacturing and efficient production.

# ZLYJ GEARBOX

## ZLYJ单螺杆挤出机专用减速机



ZLYJ系列减速机是为塑料、橡胶螺杆挤出机配套设计的高精度硬齿面带推力包的齿轮传动装置。其特点是齿轮和轴类零件采用了高强度合金钢材质。齿轮经渗碳、淬火、磨齿工艺加工。齿轮精度为GB10095−88,6级。齿轮硬度HRC54−62.在空心输出轴前端配置有大规格推力轴承，承受螺杆工作时的轴向推力。整机具有体积小、承载能力高、传动平稳、噪声低、效率高等特点。

The ZLYJ series reducer is a high-precision hardened gear transmission device with an integrated thrust bearing system, specifically engineered for plastic and rubber screw extruders. Its key features include gears and shaft components manufactured from high-strength alloy steel. The gears undergo carburizing, quenching, and precision grinding processes, achieving GB10095-88 Class 6 accuracy standards with surface hardness of HRC54-62.

A large-scale thrust bearing is mounted at the front end of the hollow output shaft to effectively withstand the axial thrust generated during screw operation. The compact design delivers exceptional load-bearing capacity while maintaining smooth power transmission. Optimized gear geometry and advanced manufacturing techniques ensure low operational noise (<78 dB(A)) and high energy efficiency (≥96%).

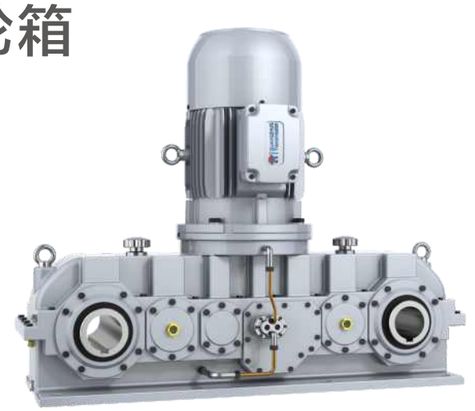
This robust transmission solution combines space-saving dimensions with superior durability, making it ideal for high-torque extrusion applications in polymer processing industries such as pipe, profile, and sheet production.





# NO GRAVITY MIXERSPECIAL GEAR BOX

## 无重力混合机专用齿轮箱



**概述**

YHL系列齿轮箱是双轴无重力混合机专用齿轮箱，该齿轮箱通过一台电机带动，可实现双轴同步外旋混合操作，经特殊定制亦可同步正反转操作。使用该齿轮箱，可省去传统混合机的链轮、带轮和同步装置，结构紧凑，节省安装空间。

**该齿轮箱优点如下:**

1、箱体材质为优质灰铸铁或优质焊接钢，齿轮材料采用优质低碳合金钢，经渗碳淬火、磨齿加工，齿部精度6级，齿面硬度在HRC58−62之间，承载力高；

2、该齿轮箱为密闭式齿轮箱，体积小，传动平稳，噪音低，传动效率高；

3、配备双向齿轮泵强制润滑系统，电机正、反转均可供油，齿轮啮合部位及轴承得到充分润滑，保证齿轮箱长时间可靠运转；

4、轴承、油封等标准件均选用国内知名品牌，也可按用户需求选用进口品牌。

**适用范围**

1、齿轮箱的输入转速一般不大于1500rpm；

2、表中所列为常用公称传动比，也可按用户需求调整传动比；

3、工作环境温度−10~40℃，海拔1000m以下。

**Summary**

YHL series gear box is a special gear box for double-shaft gravity-free mixer. The gear box is driven by a motor, which can realize double-shaft synchronous external rotation mixing operation, and can also synchronize forward and reverse rotation operation after special customization. Using this gear box, the sprocket, pulley and synchronizer of the traditional mixer can be omitted, and the structure is compact and the installation space is saved.

**The gear box has that follow advantages:**

1. The box body is made of high-quality gray cast iron or high-quality welded steel, and the gear is made of high-quality low-carbon alloy steel. After carburizing, quenching and gear grinding, the tooth accuracy is grade 6, the tooth surface hardness is between HRC 58 and 62, and the bearing capacity is high;

2. The gear box is a closed gear box with small volume, stable transmission, low noise and high transmission efficiency;

3. Equipped with a two-way gear pump forced lubrication system, the motor can supply oil in both forward and reverse directions, and the gear meshing parts and bearings are fully lubricated to ensure the long-term reliable operation of the gearbox;

4. Standard parts such as bearings and oil seals are selected from domestic well-known brands, and imported brands can also be selected according to users' needs.

**Scope of Application**

1. the input speed of the gearbox is generally not more than 1500rpm；；

2. The nominal transmission ratio listed in the table is commonly used, and the transmission ratio can also be adjusted according to user's requirements;

3. the working environment temperature -10~40℃, below 1000m above sea level.

# STIR
# 搅拌

## 加药搅拌
Medicated stirring





GUANGZHUO Transmission

浆式搅拌机是一种广泛应用于各个工业领域的设备，具有广泛的应用范围。以下是浆式搅拌机在不同行业中的一些主要应用：

**化工行业：**

浆式搅拌机在化工行业中扮演着重要的角色。它可以用于各种化学反应的混合、溶解和反应过程，如生产涂料、油漆、颜料、胶水等化工产品。此外，它还能用于溶解酸碱物质、颜料等，确保化学反应的顺利进行。

**建筑行业：**

在建筑行业中，浆式搅拌机主要用于混凝土搅拌工作。混凝土是建筑过程中最重要的建材之一，浆式搅拌机可以将水泥、砂、石头等原材料混合均匀，生产出所需的混凝土，提高了施工效率，同时还保证了混凝土的强度和均匀性。

**食品领域：**

在食品加工过程中，浆式搅拌机发挥着关键作用。它可以用于食品原料的搅拌、均质和分散工作，例如调味料混合、果汁搅拌等，确保食品的质量和口感。

医药领域：在医药制剂的生产中，浆式搅拌机用于药物的混合和均质化，确保药物成分的均匀性和稳定性，从而提高药物的质量和效果。

**环保领域：**

浆式搅拌机也广泛应用于环保领域，特别是在水处理过程中。它可以用于搅拌混合、沉淀等工作，例如污水处理和固废处理等，有助于改善水质和保护环境。

总的来说，浆式搅拌机在化工、建筑、食品、医药和环保等多个行业中都有广泛的应用，其高效、稳定和可靠的搅拌性能为这些行业的生产提供了有力的支持。在实际应用中，需要根据具体的工艺需求选择合适的浆式搅拌机型号，以确保生产过程的顺利进行。



Paddle mixer is a kind of equipment widely used in various industrial fields, with a wide range of applications. The following are some main applications of paddle mixers in different industries:

**Chemical industry:**

Paddle mixers play an important role in the chemical industry. It can be used in the mixing, dissolution and reaction process of various chemical reactions, such as the production of chemical products such as coatings, paints, pigments and glues. In addition, it can also be used to dissolve acid and alkali substances, pigments, etc., to ensure the smooth progress of chemical reactions.

**Construction industry:**

In the construction industry, paddle mixers are mainly used for concrete mixing. Concrete is one of the most important building materials in the construction process. Paddle mixer can mix cement, sand, stone and other raw materials evenly to produce the required concrete, which improves the construction efficiency and ensures the strength and uniformity of concrete.

**Food field:**

Paddle mixer plays a key role in food processing. It can be used to stir, homogenize and disperse food raw materials, such as seasoning mixing and juice stirring, to ensure the quality and taste of food.

Medical field: In the production of pharmaceutical preparations, paddle mixers are used to mix and homogenize drugs to ensure the uniformity and stability of drug components, thus improving the quality and effect of drugs.

**Environmental protection field:**

Paddle mixers are also widely used in the field of environmental protection, especially in water treatment. It can be used for mixing and settling, such as sewage treatment and solid waste treatment, which is helpful to improve water quality and protect the environment.

Generally speaking, paddle mixers are widely used in many industries such as chemical industry, construction, food, medicine and environmental protection, and their efficient, stable and reliable mixing performance provides strong support for the production of these industries. In practical application, it is necessary to choose the appropriate paddle mixer model according to the specific process requirements to ensure the smooth progress of the production process.

## 污水处理
Sewage treatment







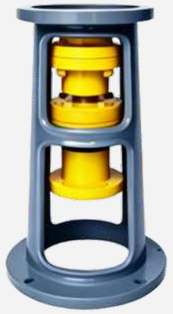
## 机架系列
Reducter Frame



DJ型机架



SJ型机架



TJ型机架



JXD型机架



TJA型机架



JA型（无支点）



## 高速分散
High speed dispersion



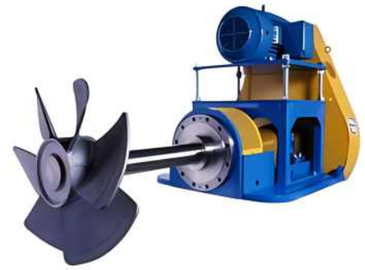


## 侧搅拌
Side stirring











## 机械密封
Mechanical seal



212侧入式系列机械密封
212 side entry series mechanical seals



单端面机械密封
Single mechanical seal



207集装式机械密封
207 containerized mechanical seal



机械密封
Mechanical seal

## 叶片
lamina



涡轮式搅拌桨
Turbine agitator



三叶推进式
Three-blade propulsion



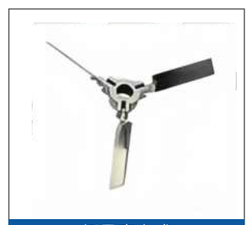
直叶涡轮式搅拌桨
Straight blade turbine agitator



涡流式桨叶
Vortex paddle



锯齿圆盘式
Sawtooth disc



折叠离心式
Folding centrifugal type



W杯型漏斗叶片
W cup funnel blade



四叶搅拌桨
Four-blade paddle



MIG搅拌桨
Mig paddle



二叶桨叶
Two-leaf paddle



辅式
Auxiliary type



框式
Frame

多种搅拌桨叶可选支持非标定制 A variety of stirring blades can be selected to support non-standard customization.





# ENTERPRISE
# 企业资质 Qualification

