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Stock code

GUOMAO
国 茂 股 份



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世界级传动专家
World-class transmission expert

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关于我们 About Us

肩负“世界级传动专家”愿景，国茂股份具备雄厚的各类工业减速机和电机研发、制造全套技术力量及先进测试手段，为产品提供系统化的整体技术解决方案服务，是中国通用机械工业减速机行业的标杆型专业制造服务企业。

时下，担当“百亿、百年”攻坚重任的国茂股份，正信心满怀，全力以赴，加快打造销售、制造、研发“三核引擎”，加快实现“差异化竞争”，加快实施品牌和海外战略，力争二次创业转型升级成功并跨入世界级企业行列。

With the vision of "World-class transmission expert", GUOMAO has a full set of strong technical force and advanced testing means in the R&D and manufacturing of various industrial reducers and motors, and provide systematic overall technical solution services for products as a professional model manufacturing service enterprise in the reducer industry of China's general machinery industry. At present, GUOMAO, which has taken on the important task of earning "ten billion in one century", goes all out with full of confidence to accelerate the development of the "three-core engine" of sales, manufacturing, research and development, the realization of "differentiated competition", and the implementation of the brand and overseas strategy, striving to succeed in the second entrepreneurial transformation and upgrading and step into the ranks of world-class enterprises.



占地面积
Floor Space
530,000 m²



员工人数
Number of employees
2400+人people



2022年营业总收入
Gross revenue in 2022
26.97亿billion



江苏国茂减速机股份有限公司位于武进高新区，是创建于1993年的国茂减速机集团有限公司的控股子公司，是集减速机研发、制造、销售于一体的高新技术企业，公司于2019年6月14日在上海A股主板上市，股票代码：603915。

公司目前有3万多种零部件类别，2022年生产的产品型号近10万种，能够满足不同客户的需求。公司以行业领先的产品覆盖率，全面拥有从模块化减速电机、摆线针轮减速机、齿轮箱、工程行星齿轮减速机、谐波减速机、RV减速机和感应伺服交流电机等标准、专用、大中型非标等十几个系列上万个机型。

Established in 1993, JIANGSU GUOMAO REDUCER CO., LTD. is a holding subsidiary of GUOMAO Reducer Group Co., Ltd. in Wujin High tech Zone. It is a high-tech enterprise integrating R&D, manufacturing and sales of gear reducer, and was listed on the Shanghai A-share main board on June 14, 2019 (stock code: 603915).

Currently, the company has more than 30,000 parts categories, and produced nearly 100,000 product models in 2022, which can meet the needs of different customers. With industry-leading product coverage, the Company has more than ten series of tens of thousands of models, including standard, special, large and medium-sized non-standard models, such as modular reducer motor, cycloid reducer, gear box, engineering planet-gear speed reducer, harmonic reducer, RV reducer and induction servo AC motor.

企业荣誉 Company Honors



核心价值观 Core Values

- 1、以客户为中心 Customer oriented
- 2、以奋斗者为本 Strivers based
- 3、团队协作 Team Collaboration
- 4、务实创新 Pragmatic and innovative
- 5、公平公正 Fair and impartial
- 6、共享成功 Sharing success

愿景 Vision

世界级传动专家
World-class transmission expert

使命 Mission

传递力量 驱动世界
Powering the world through drive solutions

全球分布 Global Distribution



总部:
Headquarters:

中国·江苏常州
Changzhou · Jiangsu · China

海外子公司
Overseas Subsidiaries

1

海外服务中心
Overseas Service Center

3

国内服务网点
Domestic Service Outlets

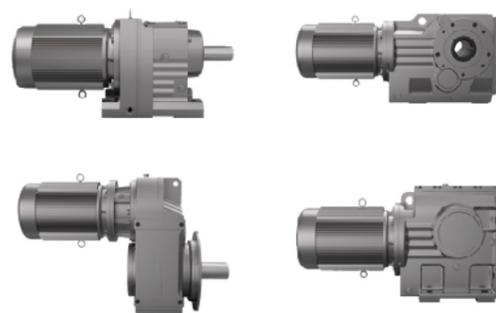
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产品介绍 Product Introduction

全模块设计，以低噪音、传动平稳、使用寿命长的产品特性，为各行业提供最优质的产品服务，每一天、每一年，国茂股份都在您的身边。

Full module design provides the best product services for all industries with the product features of low noise, stable transmission and long service life. Every day and every year, GUOMAO is always at your side.

G 系列减速电机 G Series Geared Motor



■ 产品特性 Product Characteristics

- 模块化 体积小 易维护
- 传动比范围广 传动效率高
- 安装形式丰富 寿命长
- 精度高噪音小 可承受径向载荷
- Modular, small volume, easy maintenance
- Wide range of transmission ratios & high transmission efficiency
- Rich installation forms & long service life
- High precision, low noise, capable of withstanding radial load

功率 Power (kW)	0.12-200
速比 Speed ratio	1.26-33000
最大输出转矩 Maximum output torque (kN.m)	Top to 50

■ 实际应用 Practical Application

新能源设备 New Energy Equipment	起重机械 Hoisting Machinery	输送机械 Conveying Machinery
上料系统 Charging system	行进运动 Marching motion	斗式输送机 Bucket conveyor
匀浆设备 Homogenizing equipment	回转机构 Slewing mechanism	螺旋输送机 Screw conveyor
浆料输送系统 Slurry conveying system	起升机构 Hoisting mechanism	皮带输送机 Belt conveyor
胶机系统 Glue machine system		卷扬机 Winch

摆线针轮减速机 Cycloidal Reducer



■ 产品特性 Product Characteristics

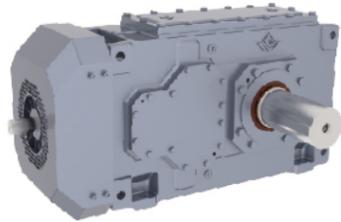
- 体积小 传动比范围广
- 易维护 多齿啮合 运转平稳
- 不断齿 惯性力矩小
- Small volume Wide range of transmission ratios
- Easy maintenance Multigear engagement & stable operation
- Constant tooth Small inertia moment

功率 Power (kW)	0.12-90
速比 Speed ratio	7-650000
最大输出转矩 Maximum output torque (kN.m)	Top to 30

■ 实际应用 Practical Application

搅拌行业 Mixing Industry	食品行业 Food Industry	钢铁行业 Steel Industry
搪玻璃反应 Glass lined reaction	榨油机 Oil press	螺旋输送机 Screw conveyor
医药、日化 Medicine and daily chemicals	粉碎机 Pulverizer	带式输送机 Belt conveyor
食品粮油 Food, cereals and oils	和面机 Dough mixer	拉丝机 Drawing machine
污水处理 Sewage treatment		折弯机 Bending machine
锂电池 Lithium battery		行走设备 Walking equipment
砂石分离机 Sand separator		
刮泥机 Mud scraper		

HB 系列工业齿轮箱 HB Series Industrial Gearbox



■ 产品特性 Product Characteristics

- 承载 更强大 More powerful bearing capacity
- 配置 更优化 Better configuration
- 技术 更领先 More advanced technology

功率 Power (kW)	4-6000
速比 Speed ratio	1.25-450
最大输出转矩 Maximum output torque (kN.m)	Top to 950

■ 实际应用 Practical Application

搅拌机械 Mixing Machinery	起重机械 Hoisting Machinery	输送机械 Conveying Machinery
氧化铝分解槽 Alumina decomposition tank	大小车行走 Girder and crab traveling	破碎机 Crusher
医药、日化 Medicine and daily chemicals	场桥 Yard crane	皮带输送机 Belt conveyor
石油化工 Petrochemical industry	装 / 卸船机 Ship loader / unloader	斗式提升机 Bucket elevator
食品粮油 Food, cereals and oils	龙门式起重机 Gantry crane	斗轮堆取料机 Bucket wheel stacker reclaimer
锂电池 Lithium battery	集装箱岸桥 Container shore bridge	
造纸、水处理 Paper making and water treatment	门座式起重机 Portal crane	
生物发酵 Biological fermentation		

ZY/DY 系列圆锥 圆柱齿轮减速机 ZY/DY Series Bevel Cylindrical Gear Reducer



■ 产品特性 Product Characteristics

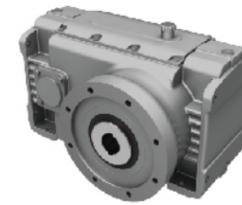
- 精度高 噪音小 体积小 重量轻 High precision, low noise, small volume, and light weight
- 寿命长 易维护 高承载 Long service life, easy maintenance and high bearing capacity

功率 Power (kW)	1.1-6000
速比 Speed ratio	1.25-500
最大输出转矩 Maximum output torque (kN.m)	Top to 950

■ 实际应用 Practical Application

冶金行业 Metallurgical Industry	煤炭行业 Coal Industry	建材行业 Building Materials Industry	化工行业 Chemical Industry
输送物料 Conveying materials	煤炭粉碎 Coal crushing	材料起升 Material lifting	搅拌设备 Agitator
	矿石输送 Ores conveying	材料运输 Material Transport	原浆输送 Raw stock conveying
石油行业 Oil Industry	起重设备 Lifting Equipment	运输设备 Transportation Equipment	水泥设备 Cement Equipment
搅拌设备 Agitator	吊装 Hoisting	带式输送机 Belt conveyor	水泥破碎 Cement crushing
运输设备 Transportation Equipment	行进 Travel	卷扬机 Winch	斗式输送机 Bucket conveyor
	回转机构 Slewing mechanism		

橡塑专用减速机 Special Speed Reducer for Rubber and Plastic



■ 产品特性 Product Characteristics

- 模块化 高承载 精度高 Modular, high bearing capacity and high precision
- 噪音小 寿命长 易维护 Low noise, long service life and easy maintenance
- 体积小 传动效率高 Small volume, high transmission efficiency

功率 Power (kw)	5.5-200
速比 Speed ratio	6.3-40
最大输出转矩 Maximum output torque (kN.m)	Top to 42

■ 实际应用 Practical Application

橡胶机械 Rubber machinery	塑料机械 Plastic machinery
密炼机 Internal mixer	挤出机 Extruder
开炼机 Open mill	注塑机 Injection machine
压延机 Calender	吹塑机 Blow moulding machine
捏炼机 Milling machine	造粒机 Granulator

工程机械减速机 Construction Machinery Reducer



■ 产品特性 Product Characteristics

- 体积小 扭矩大 紧凑型行星设计 Compact planetary design with small volume and large torque
- 同型号替代进口品牌 Replace imported brands with the same model
- 适应高转速驱动 Adapt to high speed drive

功率 Power (kW)	0.37-540
速比 Speed ratio	3.4-2500
最大输出转矩 Maximum output torque (kN.m)	Top to 850

■ 实际应用 Practical Application

各种搅拌 / 破碎行业 Various mixing/crushing industries	筑路机械 Road construction machinery	建筑机械 Construction machinery
沥青搅拌 Asphalt mixing	压路机 Road roller	塔式起重机 Tower crane
啮合机 Meshing machine	摊铺机 Paver	旋挖钻机 Rotary drilling rig
破碎机 Crusher	铣刨机 Milling machine	
起重机械 Hoisting machinery	海工机械 Marine machinery	
水利行业等路桥行业 Road and bridge industries such as water conservancy industry	工程船舶行业 Engineering ship industry	

磨机专用减速机 Special Reducer for Mill



■ 实际应用 Practical Application

传动装置 Transmission Device	冶金行业 Metallurgical industry
水泥磨 Cement mill	原料立磨 Raw material vertical mill
煤磨机 Coal mill	矿渣粉磨 Slag grinding

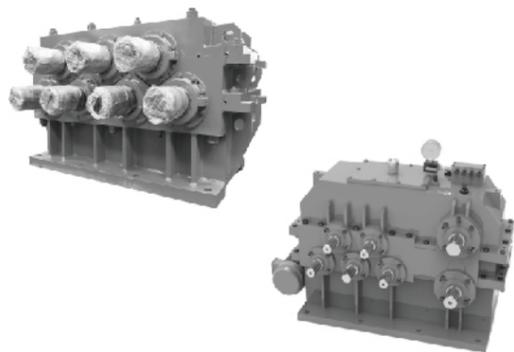
■ 产品特性 Product Characteristics

寿命长 重量轻 效率高
大功率 强冲击载荷
润滑 / 密封可靠

Long life, light weight and high efficiency
High power & strong impact load
Reliable lubrication/sealing

功率 Power (kw)	2-90110
速比 Speed ratio	1-3072
最大输出转矩 Maximum output torque (kN.m)	Top to 4400

非标定制减速机 Non-standard Customized Reducer



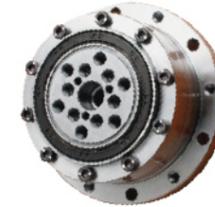
■ 实际应用 Practical Application

橡塑行业 Rubber and plastic industry	造纸行业 Paper industry	冶金行业 Metallurgical industry	环保行业 Environmental protection industry
橡胶挤出机 Rubber extruder	烘缸专用 Special for dryer	轧机 Rolling mill	生物燃料 Biofuel
开炼机 Open mill	洗浆机 Washer		
密炼机 Internal mixer			石油行业 Oil industry
压延机 Calender			钻井平台 Drilling platform

■ 产品特性 Product Characteristics

承受强冲击载荷
Withstanding strong impact load

谐波减速机 Harmonic Drive



速比 Speed ratio

可客制化 30-160 比
Speed ratio 30-160
can be customized.

■ 产品特性

创新式 S 型齿轮 - 耐受力加强, 疲劳寿命大幅提升, 产品寿命提高, 噪音降低, 刚度提高。

速比: 可客制化 30—160 比。

更长的使用寿命: 国外专家学者与国外钢厂及热处理公司达成紧密合作, 研发出属于国茂产品专属的材料及热处理参数, 体积小、重量轻。

■ 实际应用 Practical Application

行业应用 Application Field	
工业机器人 Industrial robot	半导体 Semiconductor
机床 Machine tool	航空航天 Aerospace

■ Product Characteristics

Innovative S gear - strengthened endurance, greatly improved fatigue life, improved product life, reduced noise, and improved stiffness.

Speed ratio: Speed ratio 30-160 can be customized. Longer service life: Foreign experts and scholars have reached close cooperation with foreign steel mills and heat treatment companies and developed materials and heat treatment parameters exclusive to GUOMAO products, with the features of small volume and light weight.



GM800 高性能矢量变频器 GM800 High Performance Vector Converter



功率 Power (kw) 0.75-560

产品特性 Product Characteristics

- 超强矢量 Super-strong vector
- 超强静音能力 Super mute ability
- 超高稳定性 Ultrastability
- 超 overload 能力 Ultra-high overload capacity

GM800 是国茂股份汇集了矢量变频技术的高性能变频器，凭借高性能的电流矢量技术，可轻松驱动感应电动机，产品具有优异的驱动性能和控制功能；产品硬件配置丰富、软件功能强大，在易用性及可靠性上均有较大的提升，能更好的满足各种工控场合的不同需求。

GM800 is a high performance inverter of GUOMAO, which integrates vector frequency conversion technology. With high-performance current vector technology, it can drive the induction motor easily, and the products have excellent driving performance and control functions. The product has rich hardware configuration and powerful software functions, whose usability and reliability has greatly improved, so that it can better meet the different needs of various industrial control occasions.

实际应用 Practical Application

应用领域 Application Field	
线缆 Cable	纺织印染 Textile printing and dyeing
机床 Machine tool	石油化工 Petrochemical industry
橡塑 Rubber and plastic	起重设备 Lifting equipment
环保 Eenvironment-friendly	



感应交流伺服电机 Induction AC Servo Motor



功率 Power (kW) 0.4-315

实际应用 Practical Application

机床行业 Machine tool industry	印包行业 Printing and packaging industry
数控车床 CNC lathe	凹版印刷机 Photogravure press
车铣复合机 Milling machine	涂布机 Coating machine
加工中心 Machining center	全自动分切机 Automatic slitting machine
冶金建材行业 Metallurgy and construction materials industry	其他行业 Other industries
数控弯箍机 CNC bending hoop machine	拉丝机 Drawing machine
钢筋校直截断机 Reinforcement straightening and cutting machine	数控旋切机 CNC rotary cutter
金属卷材横切 Cross cutting of metal coil	摩擦焊机 Friction welder

产品特性 Product Characteristics

- 搭载高精度编码器，满足高精度下速度和位置控制需求；
- 超低频启动转矩大，可 1 转 / 分钟满载启动；恒功率范围宽、最高可达额定转速的 8 倍。
- 过载能力强，可 30min 在 150% 额定功率下，或 3min 在 300% 额定功率下可靠运行。
- 转子高精度动平衡调校，确保高速运行下，稳定可靠、低振动和噪音。
- 耐电压冲击，寿命长，调速范围广，最高转速可达到 24000rpm，整体内风道风冷结构，美观，紧凑。采用伺服专用漆包线，保障特殊温度和粉尘油污环境下可靠运行。

It is provided with a high-precision encoder provided to meet the requirements of high-precision speed and position control, whose ultra-low frequency starting torque is large enough to start with full load at 1 rpm, with a wide range of constant power and a rated speed of up to 8 times. With strong overload capacity, it can operate reliably under 150% rated power for 30min or 300% rated power for 3min. High precision dynamic balance adjustment of rotor ensures stability, reliability, low vibration and noise under high-speed operation. It can withstand voltage impact, with long life, wide speed regulation range, a maximum speed of 24,000rpm, and a beautiful and compact internal air duct air cooling structure in the whole. Special servo enamelled wire is used to ensure reliable operation under special temperature, dust and oil pollution environment.

行业应用 Industry Application

产品广泛应用于建材机械、港口机械、煤矿机械、工程机械、起重运输、钢铁冶金、橡胶塑料、环保生态、电力设备等领域，产品的运行平稳、可靠、耐用，得到用户一致好评。

The products are widely used in building materials machinery, port machinery, coal mining machinery, engineering machinery, hoist transport, iron and steel metallurgy, rubber and plastics, environmental protection and ecology, electric power equipment and other fields. The products are stable, reliable and durable during operation, which have been praised by users.



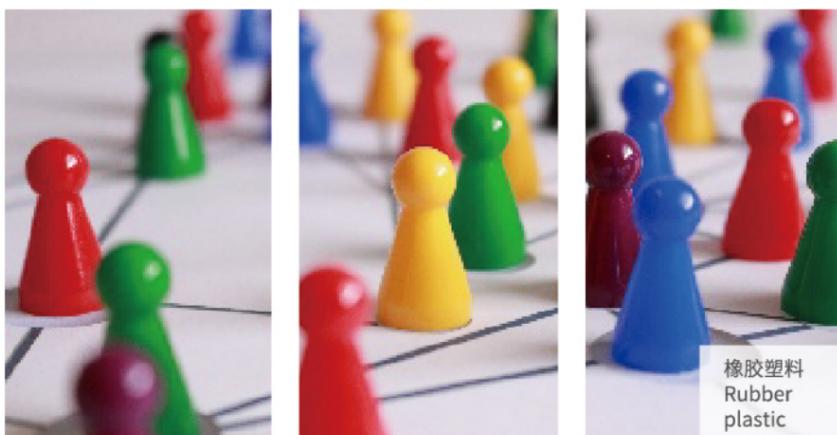
工程机械
Engineering
Machine



港口机械
Port
machinery



化工搅拌
Chemical
mixing



橡胶塑料
Rubber
plastic



煤矿机械
Coal mining
machinery

行业应用 Industry Application



石油化工
Petrochemical
industry



起重运输
Hoist
transport



钢铁冶金
Iron and steel
metallurgy



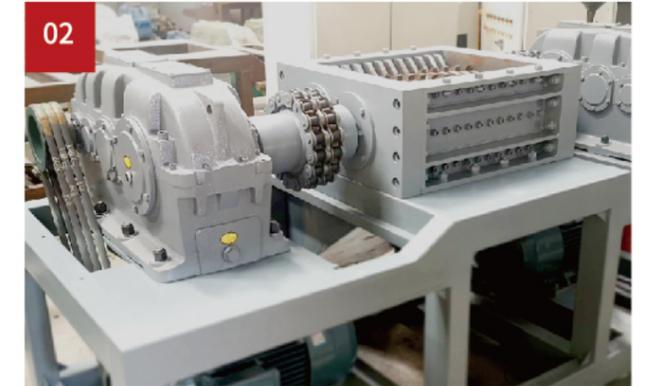
环保生态
Environmental
protection



电力设备
Power
equipment



01



02



03



04

01 金属制品行业拉丝机
Wire drawer for metal products industry

02 橡塑行业破碎设备
Crushing equipment for rubber
and plastic industry

03 新能源锂电行业
正负极材料搅拌及材料包覆设备
New energy lithium battery industry
Positive and negative electrode material
mixing and material coating equipment

04 化工搅拌反应釜
Chemical mixing reactor

技术装备 Technical Equipment

国茂拥有一大批先进的加工设备，箱体加工设备有：日本OKUMA 加工中心，意大利帕玛加工中心。齿轮加工设备有：尼尔斯（NILES）等，最大加工直径可达3m。总投资17000万元，年热处理生产能力30000吨的国茂减速机热处理项目分三期建设，可实现减速机销售50亿元的热处理加工能力，热处理现场管控能力、装备、技术、自动化水平达到世界先进水平。

GUOMAO has a large number of advanced processing equipment, where the box processing equipment includes OKUMA processing center in Japan and Palma processing center in Italy. Gear processing equipment includes NILES. The maximum processing diameter can reach 3m.

The reducer heat treatment project of GUOMAO, with a total investment of RMB 170 million and an annual heat treatment production capacity of 30,000 tons, will be constructed in three phases, which can realize the heat treatment processing capacity of 5 billion yuan for reducer sales. The on-site control ability, equipment, technology and automation level of heat treatment reaches the advanced level in the world.

公司拥有模块化设计、精益生产技术、有限元分析、锌基合金材料应用、锥面包络蜗轮蜗杆啮合副、锥面迷宫密封结构等核心技术。通过模块化设计技术，可组成灵活多样的结构和传动比，从而更大程度地满足不同客户的需求。公司已按精益生产的理念建立了多条零部件及装配生产线，取得了良好的效果，确保了公司产品质量可靠、稳定。

The company has many core technologies such as modular design, lean production technology, finite element analysis, application of zinc alloy materials, cone enveloping worm and worm-wheel meshing pair, cone labyrinth seal structure. Through modular design technology, flexible and diverse structures and transmission ratios can be formed to meet the needs of different customers to a greater extent. The company has established a number of parts and assembly lines according to the concept of lean production, which has achieved good results and ensured the reliable and stable quality of the company's products.



01 日本OKUMA加工中心 Japan OKUMA Machining Center

02 德国NILES磨齿机 German NILES gear grinding machine

03 瑞士REISHAUER磨齿机 Swiss REISHAUER gear grinding machine



01 热处理 Thermal Treatment

热处理设备采用国际先进的全自动多用炉生产线及无马弗大型井式渗碳炉生产线，真空低压渗碳自动线（筹建），设备由 AICHELIN, ECM 等世界顶级热处理设备商制造。能够实现：渗碳 / 氮化 / 碳氮共渗 / 淬回火 / 调质 / 高频淬火等热处理工艺。

The heat treatment equipment adopts the internationally advanced fully automatic multi-purpose furnace production line, large well muffle-free carburizing furnace production line, and vacuum low pressure carburizing automatic line (preparation). The equipment is manufactured by AICHELIN, ECM and other world top heat treatment equipment manufacturers. It can realize carburizing / nitriding/ carbonitriding / quenching and tempering / quenching and tempering / high-frequency quenching and other heat treatment processes.



02 检测设备 Detection Device

检测设备德国克林贝格齿轮检测中心（Klingeberg），不仅可以检测齿轮原材料、部分检测设备轴、铸件也可以检测。原材料检测、热处理后材料属性的检测有德国蔡司金相显微镜（ZEISS）、德国 OBLF 直读光谱仪、电子拉力机等。

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03 成品立库 Finished Product Warehouse

成品立库一共拥有 26404 个货位，所有货位均可承载 2 吨，库区累计库容可超过 5 万吨，还可实现进库、出库复合作业能力 > 210p/h。从而提升企业的管理效率，降低运行成本，保障生产安全。

The finished product warehouse has 26,404 storage space in total. Each can carry 2 tons, and the accumulated storage capacity of the reservoir area can exceed 50,000 tons, whose composite operation capacity of warehousing and delivery is greater than 210p/h. So as to improve the management efficiency of enterprises, reduce operating costs and ensure production safety.

质量管理 Quality Management

严格把控每一道工序，不断迸发豪迈的奋斗精神，匠心钻研，脚踏实地为客户创造价值，与中国制造业一起，迈向更大的辉煌。

GUOMAO strictly controls every process, constantly bursts out heroic spirit of struggle, develops products with originality, aiming to create value for our customers on a down-to-earth basis and work together with the Chinese manufacturing industry to achieve greater glory.



服务 Service

严格按照“先分析问题，后确定责任”的原则进行，承诺提供客户“省内 24 小时，省外 48-72 小时”的售后服务。

GUOMAO strictly follows the principle of "analyzing problems first, then determining responsibilities", and promise to provide customers with the after-sales service of "24 hours in the province, 48-72 hours outside the province".



售前服务 Pre-sale Service

了解客户需求，协助客户做好产品技术选型
Know customer needs, Assist customers in technical selection of products



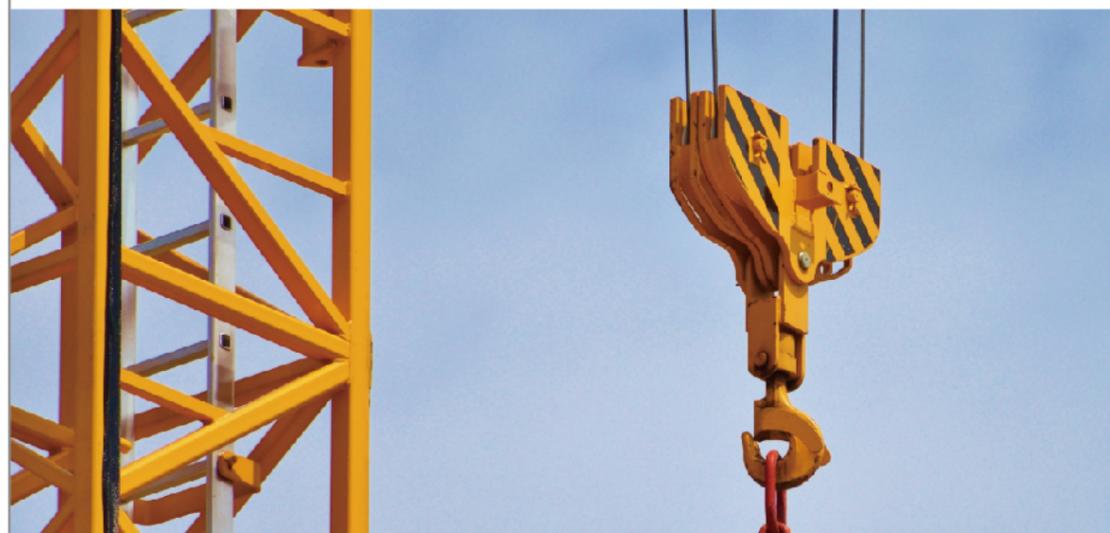
售中服务 Sales Service

完善的针对性解决方案，实时跟进产品动态
Perfect targeted solutions and follow up the product trends in real time



售后服务 After-sales Service

遍布全球的网络以及快速响应
Global network and quick response

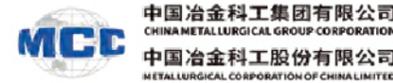


合作伙伴 Partners

国茂始终秉持着“战略协同、互信融合、优势互补、合作共赢”的原则，与各大企业建立稳定友好的战略合作伙伴关系。

GUOMAO always adheres to the principle of "strategic synergy, mutual trust and integration, complementary advantages and win-win cooperation", and establishes stable and friendly strategic cooperative partnership with major enterprises.

冶金行业
Metallurgical Industry



橡胶行业
Rubber Industry



工程机械行业
Construction machinery industry



合作伙伴 Partners



New energy industry 新能源行业

CATL 宁德时代

SVOLT 蜂巢能源

BLEST

ONGOAL

景津装备 装备新世界

WELLE 维尔利 您的环境·我的责任

光大环保 EVERBRIGHT ENVIRONMENT

Ecological and environmental protection industry 生态环保行业

Hoisting machinery industry 起重机械行业

河南矿山 HENANMINE

ZPMC 上海振华重工

RHI 润邦股份