

# 起重运输机械®



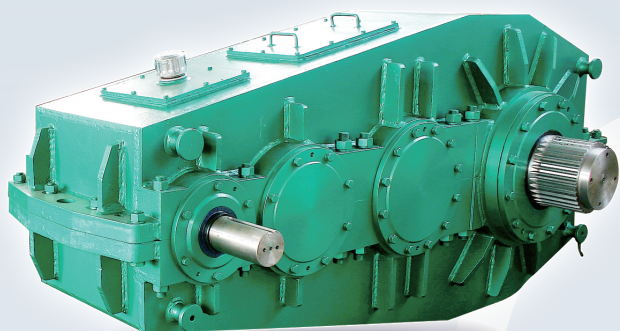
QIZHONG YUNSHU JIXIE

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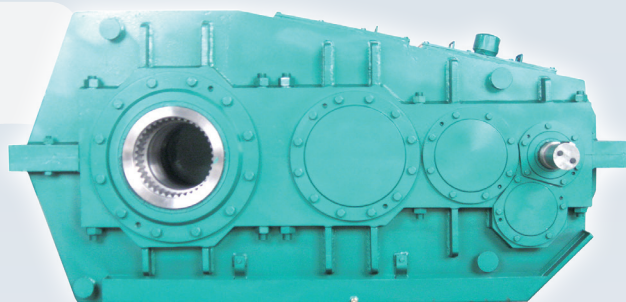
HOISTING AND CONVEYING MACHINERY

2022年3月  
中国机械工业联合会 主管

## F系列起重机用减速器



FQ系列铸造起重机用减速器  
(160吨铸造起重机主起升减速器)



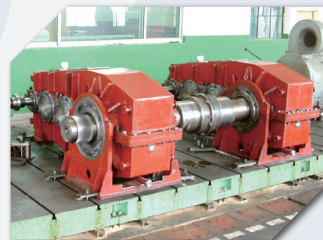
FC系列轻型起重机用减速器  
(700吨轻型起重机主起升减速器)



F系列减速器棘轮棘爪机构



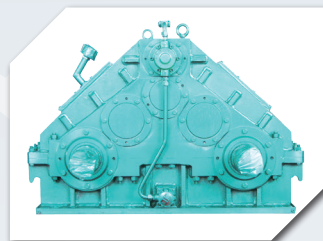
FC减速器使用现场



FQ减速器加载实验



FC减速器安装现场



FY运行机构减速器

F系列减速器是郑州机械研究所有限公司根据国内外市场要求开发的起重机减速器，拥有自主知识产权。包括铸造起重机主起升机构使用的FQ、FK等系列减速器（含寿命大幅提高的棘轮棘爪机构），轻型起重机和桥式起重机使用的FC系列，小吨位起升及运行机构使用的FY系列等。

目前，F系列减速器已成功服务于鞍钢、本钢、上海临港重工等企业的1000余台起重机上。

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(广告数据)

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State Councilor Wang Yi hands over the golden key for completion of Pokhara International Airport to the Nepalese government

3月26日下午尼泊尔博克拉国际机场项目建安工程竣工典礼通过视频连线形式顺利举行。正在尼泊尔进行访问的王毅国务委员与尼泊尔总理德乌帕、外长卡德加、民航部长阿里、民航局长普拉迪普，中国驻尼泊尔大使侯艳琪、经济商务参赞谢宇，中工国际总经理李海欣分别在尼泊尔总理府和项目现场出席典礼活动。

On the afternoon of March 26, the Completion Ceremony of the Construction and Installation Works of the Nepal Pokhara International Airport Project was successfully held by means of video call. The ceremony was attended by State Councilor Wang Yi who was visiting Nepal, Nepal's Prime Minister Deuba, Foreign Minister Khadga, Civil Aviation Minister Ali, Civil Aviation Director Pradip, Chinese Ambassador to Nepal Hou Yanqi, Economic and Commercial Counselor Xie Yu, and CAMCE General Manager Li Haixin at the Prime Minister's Office of Nepal and the project site, respectively.



#### 国机工程集团首个资源共享平台——“融资服务平台”正式启动

“Financing Service Platform”, the first resource sharing platform of SINOMACH, is officially launched

#### 工信部辛国斌副部长主持召开重点行业协会座谈会 陈斌执行副会长汇报机械工业情况

Xin Guobin, Deputy Minister of the Ministry of Industry and Information Technology, presides over a key industry association symposium, and Executive Vice President Chen Bin reports on the situations of machinery industry

#### P02 第五届进博会首批参展商名单正式公布

The list of the first exhibitors of the 5<sup>th</sup> CIIE is officially announced

2022年3月21日，第五届中国国际进口博览会首批参展商名单正式公布。本次公布的参展单位包括182家参展企业和8个国家（地区）展团，均为今年1月底前签约，且参展面积较大的展商。其中，近一半为连续第五年参展进博会的“老朋友”。

On March 21, 2022, the list of the first exhibitors of the 5<sup>th</sup> China International Import Expo was officially announced. The exhibitors announced this time include 182 exhibitors and 8 national (regional) exhibition groups, all of which signed contracts before the end of this January and have large exhibition areas. Among them, nearly half of them are “old friends” who have participated in the CIIE for the fifth consecutive year.

#### 完美吊装 徐工刷新孟加拉最大吨位履带起重机纪录

By relying on the perfect hoisting, XCMG sets the record for the largest tonnage crawler crane in Bangladesh

#### 瓦伦西亚码头追加订购科尼 RTG，以增强其起重车队装卸能力

Valencia Terminal consecutively orders Konecranes RTG to enhance its crane fleet handling capacity

西班牙瓦伦西亚集装箱码头有限公司（简称瓦伦西亚码头）再次向科尼集团订购了2台轮胎式集装箱门式起重机（RTG），以增强其起重车队的装卸能力。该码头是科尼集团的长期客户，已配备了39台科尼RTG，同时享有瓦伦西亚科尼港口服务中心的支持服务。这份订单于2021年10月签订，预计在2022年第三季度交付。

Spain Valencia Container Terminal Co., Ltd. (hereinafter referred to as Valencia Terminal) has once again ordered 2 rubber-tyred container gantry cranes (RTGs) from Konecranes Group to enhance the handling capacity of its crane fleet. The terminal is a long-term customer of Konecranes Group and has been equipped with 39 Konecranes RTGs and received the support services from the Konecranes Port Service Center in Valencia. The order was signed in October 2021 and is expected to be delivered in the third quarter of 2022.

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With its commitment to sustainable development, Jungheinrich will achieve the carbon neutrality goal by 2035

#### OTTO Motors 推出世界上最智能的自动叉车

OTTO Motors launches the world's smartest autonomous forklift

#### 牧星智能率先进军北美物流机器人智能仓储市场

Mushiny takes the lead in entering the North America's market of logistics robot intelligent warehousing

### ◆ 专精特新 | SPECIALIZED REFINED SPECIAL AND INNOVATIVE

#### P04 微特技术有限公司起重机在线故障诊断多维度分析系统

Weite Technologies Co., Ltd. online fault diagnosis multi-dimensional analysis system for cranes

微特技术所研发起重机在线故障诊断多维度分析系统全面采集设备信息，对设备实施有效的状态监测和故障诊断，精准分析提前预判，解决了企业对设备管理的智能化需求，成为工业信息化、智能化管理的重要组成部分。

The online fault diagnosis multi-dimensional analysis system that is developed by Weite Technologies comprehensively collects equipment information, implements effective condition monitoring and fault diagnosis for equipment, and accurately analyzes and predicts in advance, and it has solved the enterprises' intelligent demands for equipment management and become an important part of industrial informatization and intelligent management.

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New trends in smart logistics and new changes in smart information



随着中国信息技术的进步发展，人工智能、物联网、遥感技术等新型技术在物流领域的广泛应用，使得物流行业日益强大，智慧物流被不断提及，各行各业对智慧物流的发展抱有极大的期待。本期《起重运输机械》杂志采访到了著名物流专家、中国仓储与配送协会副会长王继祥先生，让我们随王会长一起了解中国智慧物流技术装备的现状和发展趋势。

With the progress and development of China's information technology, the wide application of new technologies, such as artificial intelligence, Internet of Things, remote sensing technology, etc. in the field of logistics has allowed the logistics industry to become increasingly powerful. The smart logistics has been constantly mentioned, and all walks of life have great expectations for the development of smart logistics. This issue of Hoisting and Conveying Machinery magazine interviewed Mr. Wang Jixiang, a well-known logistics expert and the Vice President of China Association of Warehousing and Distribution. Let us get an understanding of the current situations and development trends of China's smart logistics technology and equipment with President Wang.

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