

HOISTING AND CONVEYING MACHINERY

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中国机械工业联合会 主管



CONTENTS

目次

◆ 业内资讯 INFORMATION

P12 发改委大力推进智能化设施与物流深度融合

NDRC Vigorously Promotes Deep Integration of Intelligent Facilities and Logistics

近日,国新办就"应对疫情影响,支持交通业和物流快递领域发展"举行发布会。 国家发展改革委在会上表示,智慧物流在应对新冠肺炎疫情当中优势凸显,下一步,国家发改委将着力创造良好的政策条件和发展环境,促进物联网、大数据、云计算、56、人工智能等新一代信息技术智能化设施设备与物流活动的深度融合。



Recently, the State Council Information Office held a press conference on "Coping with the Impacts of the Epidemic and Supporting the Development of the Transportation Industry, Logistics and Express Delivery". At the conference, the National Development and Reform Commission said that intelligent logistics had a prominent advantage in responding to the outbreak of COVID-19, and next, would focus on creating good policy conditions and development environment so as to promote the deep integration of the new

generation of information technology intelligent facilities and equipment such as the Internet of things big data, cloud computing, 5G, artificial intelligence etc., and the logistics activities.

我国出口印度最大直径盾构机

China Exports the Largest-Diameter Tunnel Boring Machine to India

美国 Ascent 航空采用 Titomic 金属 3D 打印机加工航空航 天工具

American Ascent Aerospace Uses the Titomic Metal 3D Printer to Process Aerospace

11 部委联合印发智能汽车创新发展战略

11 Ministries and Commissions Jointly Issued the Intelligent Car Innovation and Development Strategies

日前,国家发改委、工信部、科技部等 11 个部委联合盖章正式发布《智能汽车 创新发展战略》。战略指出,为顺应新一轮科技革命和产业变革趋势,抓住发展 战略机遇,加快推进智能汽车创新发展,各地区需结合实际情况进行制定相关政 策扶特智能汽车发展。

A few days ago, 11 ministries and commissions including the National Development and Reform Commission, the Ministry of Industry and Information Technology, the Ministry of Science and Technology and so on jointly sealed and officially Issued the Intelligent Car Innovation and Development Strategies, which point out that all regions shall formulate relevant policies to support the development of intelligent cars according to the actual situations in order to follow the trend of a new round of scientific and technological revolution and industrial reform, seize the development strategic opportunities, and accelerate the innovation and development of intelligent cars.

P13 河南矿山智能产业园数字化电缆车间顺利投产

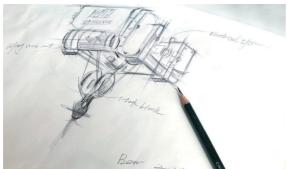
Intelligent Industrial-Park Digital Cable Workshops are Smoothly Put into Operation in Hanan Mines

法兰泰克荣获"2019年苏州市工业设计产品银奖"

EUROCRANE won the "Silver Award of Suzhou Industrial Design Products in 2019"

法兰泰克凭借"EWH-SN 系列标准净空电动葫芦"产品荣获"2019 年苏州市工业设计产品银奖"。

EUROCRANE won the "Silver Award of Suzhou Industrial Design Products in 2019" for its "EWH-SN Series Standard Headroom Electric Hoist".



振华重工研发新型全回转式起重打桩机

Shanghai Zhenhua Heavy Industries Co., Ltd. (ZPMC) Has Developed the New Full-Rotary Lifting Pile Driver.

◆ 人物专访 | PROFILE

P14 宋太俊:推进复产复工,坚持创新驱动

Song Taijun: Promote the Work and Production Resumption and Adhere to the Innovation-Driven Ideas



作为国家新型工业化产业示范基地、省级高新技术产业开发区,河南长垣产业集聚区对区域的经济发展起到了推动作用,近年来针对起重机产业的质量提升活动也让长垣这个起重机之乡成了行业关注的热点。

As the national new industrial demonstration base and provincial hightech industrial development zone, Henan Changyuan Industrial Cluster plays a promoting role in regional economic development. In recent years, the quality improvement activities for the crane industry have also made Changyuan, a town of cranes, a hot spot in the industry.

◆ 特别报道 | SPECIAL REPORT

P18 卫华入选 2020 年大数据产业发展试点示范项目 Wei Hua Group selected as pilot project of big data industry development in 2020

◆ 专题报道 | SPECIAL REPORT

P20 坚守初心 担当作为

为夺取疫情防控与行业发展双胜利拼搏奋斗

——王瑞祥会长在中国机械工业联合会四届八次理事会、 四届七次会员大会上的工作报告

Stick to the original mission and strive to fulfill responsibilities to win the double victories of epidemic prevention and control and industry development — Work Report of President Wang Ruixiang at the 8th Session of the 4th Council and the 7th Session of the 4th General Meeting of China Machinery Industry Federation

2020年3月30日,中国机械工业联合会以通讯形式召开"中国机械工业联合会 四届八次理事会、四届七次会员大会",会议主要任务是深入学习习近平总书记 重要讲话精神,贯彻落实党中央决策部署和国资委等部委要求,聚焦疫情防控与 行业发展,总结工作、研判形势、明确任务、集聚力量,扎实推进科学精准防疫、 有序复工复产,努力完成今年行业经济发展预期目标,为实现"十三五"收官和 全面建成小康社会目标任务而奋斗。



On March 30, 2020, China Machinery Industry Federation held "the 8th Session of the 4th Council and the 7th Session of the 4th General Meeting of China Machinery Industry Federation" in the form of communication, and the main task of the meeting is to thoroughly study the spirit of the General Secretary Xi Jinping's important speeches, implement the decisions and arrangements of the

Party Central Committee and the requirements of ministries and commissions such as SASAC, focus on epidemic prevention and control and industry development, summarize work, study and judge situations, clarify tasks and gather strengths, firmly promote scientific and accurate epidemic prevention, resume work and production in an orderly manner, make efforts to achieve this-year's expected goals of economic development in the industry, and strive to achieve the goals of "13th Five-Year Plan" and building a moderately prosperous society in all respects.

P26 中机联执行副会长陈斌在视频会议上作行业经济运行分析 与预测报告

Chen Bin, Executive Vice-President of China Machinery Industry Federation, Made Analysis and Forecast Reports on the Industry's Economic Operation in the Video Conference

◆ 会议报道 CONFERENCE REPORT

P32 国资委直管协会服务企业复工复产协作联盟召开领导小组第一次会议

共学习近平总书记指示精神 共商服务企业复工复产大计

The Service Enterprise Work and Production Resumption Cooperation Alliance of Associations under SASAC Held the First Meeting of the Leading Group Jointly study the spirits of General Secretary Xi Jinping's instructions and jointly discuss the plans of enterprise work and production resumption plans.

设计计算 | DESIGN CALCULATION Strength analysis and structure optimization of underframe of track-crossing protective equipment /Hu Feifei, Huang Zhihui, Xia Chaoguo 环保型管状带式输送机的研究与计算/王 新 敫旭东.......42 Research and calculation of environmentally friendly pipe conveyors/Wang Xin, Jiao Xudong 堆垛机动态参数设定与出入库效率的匹配 / 岳森峰 张尊敬 孙必超...... Setting of dynamic parameters of stacker and matching of incoming and outgoing efficiency /Yue Senfeng, Zhang Zunjing, Sun Bichao 新产品新技术 | NEW PRODUCT NEW TECHNOLOGY Design of control system for vertical mobile automatic stereo garages/Hua Junjie, Meng Wensheng, Shan Yingge, Li Fengchao, Qin Mingzhao 袋装物料自动仓储系统设计/马长伟 袁红兵 姚万里..... Design of automatic warehousing system for bagged materials/Ma Changwei, Yuan Hongbing, Yao Wanli 基于机器视觉的机车齿轮毂全自动双轴拧紧机的设计和应用 / 杨润刚 刘 兵 邓连生.......59 Design and application of fully automatic double-shaft tightening machine for gear hub of locomotive based on machine vision/Yang Rungang, Liu Bing, Deng Liansheng Study and application of online twist correction roller for pipe conveyors/Wang Yunlong, Ma Xiaoyun, Qiu Tao, Liao Xingwen, Zhang Jing Safety management consultancy service system for special equipment in traffic engineering/Wu Jiangjun, Jiang Jianfeng, Liu Dekun, Ma Yijian 大型多指廊航站楼混合式行李处理系统设计与分析/梁玉馨 王 捷...... Design and analysis of mixed luggage handling system for large multi-airside concourse terminal buildings /Liang Yuxin, Wang Jie 分析研究 | ANALYSIS RESEARCH Analysis of factors affecting filling of filling equipment and dynamic simulation/Li Shuai, Gao Lili, Jia Xuejun, Qin Li 中型医院电梯配置研究/张良 章利平 叶耀文 耿晟 陈永耀..... Research on elevator configuration in medium-sized hospitals/Zhang Liang, Zhang Liping, Ye Yaowen, Geng Sheng, Chen Yongyao Research on excavation resistance of bridge-type chain bucket ship unloader based on EDEM simulation /Cheng Yifeng, Hu Jiquan, Peng Jing, Yu Lianhai, Xu Peng 带式输送机转载溜槽导流板结构形状的分析 / 张晓华 宋冠霆90 Analysis of the structural shape of the Hood Deflector of the transfer chute of the belt conveyor /Zhang Xiaohua, Song Guanting