

目录 2010年第06期

封面说明

露天矿山的土石方剥离工程外包比较普遍,封面为魏家峁露天煤矿土石方剥离现场,众多液压挖掘机和运输车辆正在作业。魏家峁露天煤矿位于内蒙古准格尔矿区东南部,露天矿划分为三个采区,其中一采区生产剥离比为 $6.31\text{m}^3/\text{t}$ 。2009年剥离土方 1600万m^3 ,预计2010年完成矿建工程投入生产。



资讯 Information

- P13** 业界动态 Industry Trend
- P21** 国际速递 International Express
- P22** 《南美建设》资讯专递 New Express from
Construcción Pan-Americana
- P23** 新品看台 New Products

封面文章 Cover Story

- P25** “自营” or “外包”?
矿山开采整体外包及设备管理趋势之辩
Self-operation or Contracting out?
—— The Debate of Mining Business Contracting out
and Equipments Management
陈能诵/CHEN Nengsong

专访·报道 Interview & Report

- P39** 三一矿机首批10台SRT55C矿用汽车交付用户
The First Batch of Sany 10 Units SRT55C Mining
Truck Delivered to Customers
陈能诵/CHEN Nengsong

- P41** “中联杯”首届吊装技能竞赛圆满落幕
“ZOOMLION CUP” Championship of Hoisting
and Installation Skill has Completed
何颖芳/HE Yingfang 路伟/LU Wei

- P44** “采埃孚中国号”提速
——采埃孚上海中心开业
ZF R&D Center in Shanghai was Set Up
陈能诵/CHEN Nengsong

- P45** 从“替补”到“主力”
——记首台参建国内核电的国产混凝土搅拌站
Domestic Concrete Mixing Station Participated in
Nuclear Power Station Construction for the First
Time
薛学伟/XUE Xuewei

- P48** 第10届中国国际交通技术与设备展览会在北京举行
The 10th International Exhibition of Transport
Technology & Equipment was held in Beijing
苏红云/SU Hongyun

目录 2010年第06期



P25 创新科技 绿动未来
——沃尔沃世博展示活动揭幕
VOLVO Product Show at Shanghai World Expo
2010 was Opened
维泽华/LUO Zehua

P52 悬挂欧盟旗帜的上海威埃姆
EU Flag Hoisting in Shanghai WAM
薛学伟/XUE Xuwei

P54 川崎春晖精密机械(浙江)有限公司建成投产
Kawasaki Chunhui Precision Machinery (Zhejiang)
Co., Ltd has Put into Operation
陈能诵/CHEN Nengsong

P55 玉柴重工投资8亿美元建立东部基地
Yuchai Invested 800 Million US Dollars to Build
Eastern Base
张晓亮/ZHANG Xiaoliang 叶春英/YE Chunying

P60 “中国工程和工程机械展”在印尼盛大举办
“China Build 2010” was held in Indonesia
谷雨檀/GU Yutan 王金利/WANG Jinli

P63 美国《Machinery Outlook》资讯专递
New Express from Machinery Outlook

本刊特稿 Features

P68 当前挖掘机市场竞争特点
Competition Features of Hydraulic Excavator
Market
靳涛洪/JIN Taohong

P69 加强起重机械安全监管 确保设备安全运行
Strengthen the Safety Supervision of Hoist
Machinery and Ensure the Safe Operation of
Equipment
魏吉祥/WEI Jixiang

P72 日本起重机械引起的事故与管理
Safety Management of Construction Equipment
冈田博幸/Hiroyki Okada

P76 四万亿投资进展:关于高速公路
4 Trillion RMB Investment Projects-Highway
Projects
王金华/WANG Jinhua

P80 中国未来10年铁路机场发展规划与建设规模
Planning Landscape of China Infrastructure to
2020 Rail & Airport Projects
张江宇/ZHANG Jiangyu

目录 2010年第06期



P83 沃尔沃建筑设备在中国的营销开拓
Volvo's Exploration & Distribution in China
顾韬/GU Tao

P86 卡特彼勒: 全球战略足迹
Caterpillar's Global Footprint
卡特彼勒市场战略总监 Debra L. Duzinkas

P88 现代重工建设装备事业部在中国的发展
The Development of Hyundai Construction
Machinery in China
赵益奎/ZHAO Yikui

第七届鲁粤辽湘路桥设备论坛论文专栏 Assignments of No. 7th Lu, Yue, Liao & Xiang Road and Bridge Equipment Forum

P91 广梧高速云安互通软基观测方案与成果分析
Observation Program and Results Analysis on Soft
Ground of Yunan-Hutong in Guang-Wu Highway
陈明/CHEN Ming 莫顶勋/MO Dingxun

P93 钢桥面日本TAF环氧沥青混合料铺装
施工工艺简介
Construction Process of Japan TAF Epoxy Asphalt
Mixture On Steel Bridge Surface
徐永钢/XU Yonggang

P97 密实骨架型水泥稳定碎石基层设计与施工
Design and Construction on Dense Skeleton-type of
Stable Cement Crushed Stone Base Layer
刘柳岸/LIU Liuan 马朝庆/MA Chaoqing
李伟雄/LI Weixiong

P100 影响路面压实的因素分析
Analysis on Causation of Affecting Pavement
Compaction
蔡丽/CAI Li 谢伟智/XIE Weizhi

P102 沥青混合料低温压实技术
Cold Rolling Technology of Asphalt Mixture
张昌波/ZHANG Changbo

P105 新形势下的机务管理
The Equipment Management under New Situation
何卫/HE Wei 李全义/LI Quanyi
杨国峰/YANG Guofeng

施工技术 Construction Technology

P108 引洮15#隧洞穿越流土、流泥塌方段施工技术
Construction Technology of the 15th Tunnel of the
Tao River Water Project in Passing through Flow
Soil, Mud flow and Collapse Section
盖峰/GAI Feng 秦英/QIN Ying

目录 2010年第06期



P112 浅谈南京紫峰大厦ZSL260塔机的高空拆除
Brief Introduction on Removing the ZSL260 Tower
Crane of Zifeng Building of Nanjin at Upper Air
马夫华/MA Fuhua 赵永松/ZHAO Yongsong

P116 摊铺机作业速度与沥青混合料铺层质量
Relation between Operating Speed of Paver and
Quality of Asphalt Mixture Layer
王峙/WANG Shi 袁清来/YUAN Qinglai
徐大平/XU Daping 郭小宏/GUO Xiaohong

产品·技术 Product & Technology

P120 关于搅拌站控制系统软件的设计
Design on the Control System Software of the
Mixing Plant
姚楠/YAO Nan

P124 叉车产品能耗试验与评价方法研究
Research on Power Consumption Test and
Evaluation of the Forklift
李铁生/LI Tiesheng 高永强/GAO Yongqiang
赵艳丽/ZHAO Yanli 孙昌元/SUN Changyuan

P128 运用湿式制动技术的新型装载机驱动桥

A New Loader Drive Axle with the Wet Brake
生敏/SHENG Min 马焱/MA Yan

P130 广东中远200t/83m自动翻身造船龙门吊机的
设计与应用
Design and Application of Gangdong Zhongyun
200t/83m Gantry Crane for Automatic Turning in
Shipbuilding
苏春霞/SU Chunxia 黄耀怡/HUANG Yaoyi

P133 如何计算双钢轮压路机行走系统压力
How to Calculate Travel System Pressure of the
Tandem Roller
黄宁波/HUANG Ningbo

P135 人造大理石搅拌机设计改进措施
Improving Design to the Man-made Marble Mixer
王兰香/WANG Lanxiang 张承兴/ZHANG Chengxing

机务管理 Machinery Management

P136 浅谈路面铣刨机发动机功率确定及附件选择
Engine Power Definition and Accessories Selection
of Road Milling Machine
袁红/YUAN Hong