

工程聚焦 Project Focus

- **02** 昌九城际高铁正式开通运营 张 波 Changjiu Intercity High-speed Railway Officially Starts Operation
- **03** 徐济高速通车进入倒计时 肖 安 Xuji Expressway Starts Countdown to Operation
- **04** 从马背到赛车 谭忠华 From Horseback to Racing Car

独家视角 Exclusive View

07 垂直振动压路机 本刊组织 Vertical Vibratory Roller

行业动态 Business & Trend

- 14 北京三一重机:专业服务缔造金牌品质 郑纪攀 Beijing SANY Heavy Machinery: Professional Service Creates Golden Quality
- 16 佰锐泰克2-4800DH亮相中国 周崎峰 Blastrac 2-4800DH Launches in China
- 17 中联重科SUPER130超级摊铺机下线 李 庆,商 振 SUPER130 Paver of ZOOMLION Rolls off Production Line

本刊特稿 Special Story

20 高速铁路路基本体质量控制技术 冯瑞玲
Quality Control Technology of High-speed Railway Subgrade









Garanteents

- 24 高速铁路路基沉降的几种原因及其监测方法 危凤海 Several Reasons for Subgrade Settlement of High-speed Railway and Monitoring Methods
- 28 高铁路基支承层的滑模施工 徐楚歌 Sliding Form Construction of Supporting Layer for High-speed Railway Subgrade

产品大观 Product Overview

- 33 青岛科泰KP305全液压压路机 李顺舟 KP305 Fully-hydraulic Roller of Qingdao KETAI
- 35 贝尔卡特橡胶沥青泵 魏 利 Rubber Asphalt Pump of Bearcat Pumps
- 36 洛建LLC233H全液压垃圾压实机 刘 超 LLC233H Fully-hydraulic Trash Compactor of Luoyang Building Machinery

管理大家谈 Management Forum

37 设备管理Q&A谈 周 伟 Q&A of Equipment Management

施工机械 & 施工技术 Construction Machinery & Construction Technology

- 39 山区第四系堆积物边坡工程地质分类及施工 刘红平 Geology Classification and Construction of Slope Engineering of Quaternary Deposits in Mountainous Region
- 42 沥青摊铺机作业质量的评价指标 张志友,苏旭盛 Evaluation Indices for Paving Quality of Asphalt Paver
- 45 沙漠地区高速公路填砂路基的施工 杨 伟
 Construction of Sand-filled Subgrade of Expressway in Desert Area









G国次 ontents

养护机械 & 施工技术 Maintenance Machinery & Construction Technology

- 51 现场冷再生工艺在县乡道路养护大修中的应用 马学起,窦汝良 Application of In-place Cold Recycling Technology in Repair of County and Township Roads
- 54 加纤沥青封层在高速公路养护中的应用 张士军
 Application of Fiber Asphalt Coat in Pavement Maintenance Engineering of Expressway
- 57 干线公路全深式冷再生混合料配合比设计 陈德臣
 Mix Proportion Design for Full-depth Reclamation of Trunk Highway
- 60 沥青路面唧浆病害原因分析与处治措施 刘兴东,向 昕,杨锡武 Cause Analysis and Treatment Measures of Pumping in Asphalt Pavement

桥隧机械 & 施工技术 Bridge and Tunnel Machinery & Construction Technology

- 63 液压爬模在大桥塔墩工程施工中的应用 雷友平,韩群柱 Application of Hydraulic Climbing Form in Pylon Pier Construction of Bridge
- **66** 厚覆砂层岩溶坍陷地区桥梁钻孔桩基础施工 魏晓江
 Construction of Bored Pile Foundation of Bridges in Karst-collapsing Zone with Deep Sand Layer
- 68 不同溶洞条件下公路隧道施工的关键技术 李 围
 Key Technologies for Construction of Highway Tunnel Under Different Karst Caverns

设备管理 & 维修技术 Equipment Management & Maintenance Technology

- 72 沥青混凝土拌和设备的安装调试与保养 张晓玉 Setup and Maintenance of Asphalt Concrete Mixing Plant
- 74 沥青摊铺机的调整与操作 祝清涛
 Adjustment and Operation of Asphalt Paver
- 77 随车起重机伸缩臂的最佳伸缩量及其控制 仇文宁,李清伟 Optimum Dilation of Truck-mounted Crane's Telescopic Boom and Its Control
- **81** 负载敏感节流调速回路的建模与仿真 杨益明,王 庆,刘奕贯 Modeling and Simulation of Load-sensitive Throttling Speed Control Circuit





