

G国次 Ontents

工程聚焦 Project Focus

- 不德至北京将再建一条高速公路 王 语
 A New Expressway Will Be Built Between Chengde and Beijing
- **02** 世界最快最长高速铁路全线铺轨 章 韬
 Whole Line of the World's Fastest and Longest High-speed Railway Starts Railing
- **03** 湖南确保下半年6条高速公路开工 肖 安 Hunan Makes Sure 6 Expressways Start Construction in the Second Half of This Year
- **04**六安迎国检 105国道大中修即将竣工杜卫华To Greet National Trunk Highway Inspection, Major Repair of G105 Ends Soon

独家视角 Exclusive View

07 低碳,挖掘机行业的新标签 唐伟琼 Low Carbon, New Label for Excavator

行业动态 Business & Trend

- 11 品质三一 闪耀兰新线新疆段沙尔特大桥 周召槿,郑纪攀 SANY Shines on Shaer Grand Bridge in Xinjiang Section of Lanxin Railway
- 15 美通沥青碎石同步封层装备列入火炬计划项目 刘 伟 Synchronous Chip Sealer of METONG Listed in State Torch Plan
- 16 林泰阁带来德国品质 杜卫华 LINTEC Presents German Quality

本刊特稿 Special Story

- 18 板式无砟轨道CA砂浆车的发展现状 李光明
 Development of Cement Asphalt Mortar Vehicle for Ballastless Track Construction
- 24 I/II-s-L-800线上砂浆作业车走行底盘系统的研制与应用 雒菊萍









Gakents

Manufacture and Application of Traveling Chassis System of 1/II-s-L-800 Online Mortar Operating Vehicle

28 I/II-s-L-800线上砂浆作业车的研制 贺显林 Manufacture of I/II-s-L-800 Online Mortar Operating Vehicle

产品大观 Product Overview

- 33 山推SR26-5全液压单钢轮振动压路机 丁兴华 SR26-5 Fully-hydraulic Vibratory Roller of SHANTUI
- 34 徐工XM35沥青路面铣刨机 解德杰,张 陈,刘 洋 XM35 Asphalt Pavement Milling Machine of XCMG
- 35 中交西筑J系列沥青混合料搅拌设备荣获"西安市科技进步一等奖" 刘 颖 J Series of Asphalt Mixing Plant of CCCC Xi'an Road Construction Machinery Is Awarded First Prize of Xi'an Advance of Science and Technology

管理大家谈 Management Forum

37 养护管理Q&A谈 聂 涛 Q&A of Maintenance Management

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

- 39 公路施工边桩定位技术创新与应用 李伙穆
 Technical Innovation and Application of Side Pile Location in Highway Construction
- 42 多级挡土墙墙背土压力分布规律试验研究 金生吉,熊健民,余天庆,等 Experimental Study on Soil Pressure Distribution Laws of Multistage Retaining Wall
- 46 干线公路沥青路面结构施工工艺研究 刘少伦 Study on Construction Technology of Asphalt Pavement of Trunk Highway
- 48 基于目标的高速公路差异沉降主动控制研究 刘 靖,王选仓,高志伟 Study on Initiative Control of Expressway Differential Settlement Based on Goal









Gartents

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

- 51 超薄水泥混凝土在旧沥青路面养护中的应用 杜小婷,马 骉 Application of Ultra-thin Whitetopping in Maintenance of Inservice Asphalt Pavement
- 54 泡沫沥青冷再生基层配合比设计 冉 明,张 华 Mix Proportion Design of Base Recycled with Foamed Asphalt
- 57 沥青路面养护剂在路面表层渗透过程研究 王 峙,袁清来,郭小宏,等 Research on Penetration Process of Asphalt Pavement Maintenance Agent in Road Surface
- 60 微表处技术在河南S333公路养护工程中的应用 徐天明 Application of Micro-surfacing Technology in Maintenance of Henan S333 Highway

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

- 63 观音岩长江大桥桥墩钢围堰起吊 刘 涛
 Lifting of Steel Cofferdam for Pier of Guanyinyan Yangtze River Bridge
- 66 闵浦大桥环氧沥青混凝土铺装施工时温节点研究 罗 桑,苏 凯,钱振东,等 Research on Key Time and Temperature Nodes of Epoxy Asphalt Concrete Pavement on Minpu Bridge
- 69 基于虚拟仪器的盾构机振动检测系统 马怀祥, 王霁红, 门汝斌, 等 Vibratory Detecting System of Shield Tunneling Machine Based on Virtual Instrument

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

- 73 单泵多马达液压行走系统同步方式与动力学研究 顾海荣,焦生杰,肖翀宇,等 Study on Synchronization Mode and Dynamics of Hydraulic Traveling System Driven by Single-pump and Multi-motor
- 76 水泥混凝土搅拌站主楼有限元分析 刘耀光,刘少良,甘 华 Finite Element Analysis of Main Structure of Cement Concrete Mixing Plant
- 79 基于模糊诊断技术的柴油机故障诊断 廖发良 Fault Diagnosis of Diesel Engine Based on Fuzzy Diagnosis Technology
- 82 同步碎石封层机的施工 惠光云 Construction of Synchronous Chip Sealing Machine





