

交通世界

ranspworld

运输·车辆



主管：中华人民共和国交通运输部 主办：交通运输部科学研究院 出版：《交通世界》杂志社



智·赢未来

智领·绿色节能

海格LNG公路客车，智慧节能领导者



作为行业领先的客车制造企业，海格凭借强大的研发实力和先发优势，引领清洁能源客车的发展趋势，更有行业首创的G-BOS智慧运营系统，使得海格成为LNG公路客车领域的智慧节能领导者！



● 应需而变，智领先机

海格可根据客户需求提供多种整车匹配方案，更可通过G-BOS二次标定提高整车经济性；在原油箱位置布置气瓶，确保行李仓容积与车内座位数最大化，最长续航里程达到1500公里，有效提升运营收益。

● 研发设计，领先行业

海格LNG客车燃气系统阀类均采用进口部件，密封性出色；气瓶支架采用整体桁架式结构，安全性更高；发动机采用小涡壳、低惯量增压器，可节油3%；全系配备气瓶自增压系统，一级安全阀的开启压力高于行业水平，切实提高了整车的动力性与安全性。

● 综合实力，客户认可

海格作为行业内唯一一家获得《特种设备安装改造维修许可证》资质的企业，确保了LNG客车生产的专业性；领先行业的整车阴极电泳、机器人焊接等先进工艺确保整车品质。海格LNG客车，以强大的综合技术实力，成为行业客户的信赖之选。



手机扫描可获得更多资讯



苏州金龙 海格客车

地址：苏州工业园区苏虹东路288号 邮编：215026 电话：0512-62581658 咨询热线：400-828-2019
公司网址：www.higer.com G-BOS智慧运营系统网址：www.g-bos.com.cn

所有广告内容的最终解释权归金龙联合汽车工业(苏州)有限公司

第64届汉诺威国际商用车展成功举办

天然气汽车正在进入LNG时代

2012欧洲青年卡车驾驶员大赛

欧洲重型载货车安全技术发展现状

交通拥堵问题分析及对策研究

ISSN 1006-8872



9 771006 887001

目录

VOLVO



Mercedes-Benz



SCANIA



中国客车专家



4 卷首语

16 行业资讯

交通统计

20 全国商用车市场2012年8月销售统计数据

专题报道

24 商用汽车驱动未来——第64届汉诺威国际商用车展在德国成功举办

48 天然气汽车正在进入LNG时代

50 广东LNG公路客运第一家

54 节能减排LNG挑重担 玉柴机器领跑NG市场

57 服务助力海格智领LNG客运市场

58 抢占行业制高点 海格走俏LNG公路客车市场

60 恒通客车: 领秀中国燃气客车市场60年

62 华菱LNG重卡潜力凸显

64 十一黄金周小客车高速免费首战告捷

新能源汽车

68 电动汽车核心技术之动力电池及管理系统介绍(四)——电池的安全与保护

73 LpTO电池在混合动力与插电式混合动力汽车的应用前景

客车视点

76 8月: 两因素促成客车销量高峰 宇通校车独占市场份额超三成

78 分享智慧保安全 海格开讲大讲堂

79 《客车节油宝典》在漫画中学习节油妙招

80 大金龙力推主动安全技术 让客车远离危险

82 三年磨一剑, 宇通全新10米车亮相市场

84 安凯客车伦敦奥运纪念邮册在京发布

85 高端轻客市场再添劲旅——大金龙豪华商旅车即将上市

86 海格G-BOS助力榆林恒泰安全节能“双丰收”

精英访谈

88 强强联手 为中国物流带来高效节能

的绿色飓风——访纳威司达中国区业务发展、规划与传播总经理陆昕

专用校车

92 开学啦! 海格快乐校车护航孩子上学路

93 大金龙走进央视公益晚会 现场捐赠三辆“智慧校车”

95 “试”不宜迟 宇通率先完成校车正面碰撞试验

卡车看台

96 欧洲重型载货车安全技术的发展现状

102 是驾驶员大赛 更是一个嘉年华——记2012斯堪尼亚欧洲青年卡车驾驶员大赛(YETD)

108 低迷中提振士气 节油卡车闪耀京城

110 长头车首现中国国际卡车节油大赛 纳威司达初露锋芒

动力总成

111 艾里逊变速箱伴随唐山公交畅行500万公里

112 艾里逊助力完成300吨大件运输任务

113 壳牌劲霸耀动珠海, 十月进军发过勒芒

物流货运

114 物流企业经营期货交割仓库的收益性分析

城市交通

116 海口市交通拥堵问题分析及对策研究

118 城市公共交通未来发展方向

智能交通

120 GPS全球定位系统在公路勘测设计中的应用

122 探地雷达在公路、桥梁检测中的应用

124 地质雷达在隧道检测中的应用

交通安全

126 驾驶员生理反应与坡度及车速间的关系分析

129 桥梁施工安全控制问题

130 公路安全设施设计实践

本刊为中国期刊全文数据库全文收录期刊和中国学术期刊综合评价数据库刊源, 并参加中国学术期刊(光盘版)资源共享, 若本人不同意作品入库并共享, 可事先与本刊联系

目录



声明

未经许可登载或使用本刊文章或图片, 将被追究法律责任。

本刊所登载的文章或图片或广告如果发生侵权问题, 由作者自行承担法律责任。

- 132 交通安全设施对交通安全的影响
- 134 交通事故中的车速鉴定方法: 利用抛体公式计算车速
- 136 沥青路面主动型除冰雪原理及新工艺
- 138 如何防止汽车追尾事故
- 140 汽车安全驾驶及应急处置
- 142 平原地区桥梁建造工程的安全性分析
- 144 驾校安全管理的研究
- 146 加强了望是确保引航安全的关键

绿色交通

- 147 公路建设中的环境问题及防治措施
- 149 公路绿化建设的重要意义
- 150 如何更好的搞好高速公路边坡绿化
- 152 山区高速公路绿化工作

规划设计

- 154 跨高速分离式立交桥造型艺术及其设计研究
- 156 高寒地区公路隧道防、排水设计
- 158 山区公路避险车道的设计
- 160 平原地区桥梁设计的可行性分析

经营方略

- 162 公路建设项目工程竣工决算的审查和审计
- 164 公路项目经济费用效益分析参数取值研究
- 166 工程造价的控制与管理
- 168 价值工程在桥梁工程施工成本控制中的应用
- 170 路桥施工项目成本计算与控制
- 172 “节约资源型交通发展之路” 战略在公路改建工程中的应用与思考
- 174 农村公路养护管理与管理模式
- 176 高速公路施工中成本控制的有效策略
- 178 贵州省高速公路工程施工招投标管理
- 180 公路施工招投标的思考与探索
- 182 富翅门大桥预算造价编制
- 184 估算投资控制下山区农村公路技术指标运用
- 186 公路工程监理若干问题
- 187 县际道路BT模式建设管理

现代公路

- 189 高等级公路桥头跳车产生的原因及

- 防治措施
- 190 路基工程施工质量的控制管理
- 192 公路工程中排水设计对路面质量的影响
- 194 高速公路养护与管理
- 196 设置薄层罩面路面层间剪应力分析及试验研究
- 198 公路桥头跳车防控措施
- 200 对路面加速加载试验的研究
- 202 公路桥梁施工中混凝土质量通病治理
- 204 预应力锚索框架梁在高边坡防护中的应用
- 206 广州地铁上林镇-嘉禾站明挖区间边坡施工
- 208 混凝土桥梁的裂缝处治
- 209 桥面铺装病害产生原因与处理
- 211 高速公路路基下沉的防治措施
- 212 农村公路桥梁的病害成因及养护处治对策
- 214 公路桥梁过渡段施工中的危害及质量控制措施
- 215 路面车辙的形成机理与防治

特别企划

- 217 桥梁施工中的质量管理
- 218 高速公路施工机械设备管理
- 220 交通工程质量监督管理信息系统的应用
- 222 科研院所学习型党组织建设有关问题研究
- 224 管理理论在驾校经营中的应用研究
- 226 提升路政服务质量的途径
- 228 公路工程监理工作中的安全监理
- 230 二手车鉴定估价方法的选择与比较
- 232 二手车交易中如何识别事故车
- 234 4R理论在我国高速公路人力资源管理体制上的应用
- 236 公路工程试验检测机构建设与管理的
- 237 高速公路施工中的工程质量管理问题
- 239 提高公路工程建设质量的实效性
- 240 公路工程施工技术及安全管理
- 242 公路工程监理工作的五控制
- 243 平原地区公路地基的保护与管理
- 245 工程测量监理
- 247 公路工程计量管理

4 EXECUTIVE OPINION

16 INDUSTRY NEWS

STATISTICS

20 National Commercial Vehicle Market Sales Statistics Data in August 2012

FEATURE

24 Commercial Vehicles Driving the Future —The 64th International Motor Show (IAA) Commercial Vehicles Is successfully Held in Hanover, Germany 48 Natural Gas Vehicles Have Entered LNG Era

50 The First Enterprise of LNG Road Passenger Transport in Guangdong

54 LNG Burden-sharing for Energy Saving and Emission Reducing, YUCHAI Machinery leads NG Market

57 Service Boost HIGER Wise to Lead LNG Passenger Transport Market

58 Seize Industry Commanding Heights, HIGER Sells Well in LNG Highway Passenger Vehicles Market

60 HENGTONG Bus: Excellent 60 Years in China Gas Passenger Vehicles Market

62 Potential Highlights of CAMC LNG Heavy Truck

64 First Success of Expressway Free for Passenger Cars in National Day-Golden Week

NEW ENERGY VEHICLE

68 Power Battery and Management System of Electric Vehicle Core Technology IV—Safety and Protection of Battery

73 Application Prospects of LpTO Battery in Hybrid and Plug-in Hybrid Electric Vehicle

BUS & COACH

76 August: Two Factors Have Contributed to Bus Sales Peak and YUTONG School Bus Shares Exclusive Over 30 Percent in Market

78 Share Wisdom to Ensure Safety and HIGER Lectures in Auditorium

79 Comic Study of Fuel-efficient Coup in Bus Fuel Economy Collection

80 KINGLONG Pushes Active Safety Technology for Bus Away from Danger

82 Sharpening a Sword in Three Years, YUTONG New 10m Bus Debut in Market

84 ANKAI London Olympic Commemorative Stamp Album Is Released in Beijing

85 Add Powerhouse to High-end Light Bus Market—KINGLONG Luxury Business Car Is Upcoming

86 HIGER G-BOS Helps Yulin HENGTAI Double Harvest of Safety and Energy Saving

NEWSMAKER

88 Combining Strengths to Blow Energy Efficient Green Hurricane for Logistics—Interview with Lu Xin, General Manager of Business Development, Planning and Dissemination in China NAVISTAR

SCHOOL BUS

92 Happy School Bus of HIGER Protects Children School Road

93 KINGLONG into CCTV Charity Party and On-site Donated Three Wisdom School Bus

95 Trial Should Not Be Later, than YUTONG First to Complete Front Crash Test of School Bus

TRUCKING

96 Security Technology Development Status of European Heavy-duty Trucks

102 Driver Contest Is Carnival—Record of 2012 SCANIA European Youth Truck-driver Contest(YETD)

108 Boost Morale in Downturn, Fuel-efficient Trucks Shine in Beijing

110 First Debut of Long Head Truck in China International Trucks Fuel-efficient Contest, NAVISTAR Shows His Hand

POWERTRAIN

111 Allison Transmission Accompanied Tangshan Bus to Navigate 5 Million Kilometers

112 Allison Assisted Completion of 300 Tons Large Object Transport Task

113 SHELL Rimula Shines in Zhuhai and Marches in October to Le Mans, France

LOGISTICS & CARGO

114 Profitability Analysis of Operating Futures Delivery Warehouse of Logistics Enterprise

MASS TRANSIT

116 Analysis of Traffic Congestion Problem and Countermeasure Research in Haikou City

118 Future Development Direction of City Public Transport

INTELLIGENT TRANSPORT

120 Application of GPS Global Positioning System in Highway Survey Design

122 Application of Ground Penetrating Radar in Highway and Bridge Detection

124 Application of Geological Radar in Tunnel Detection

TRAFFIC SAFETY

126 Relationship Analysis of Pilot Physiological Response to Slope and Speed

129 Control Problems of Bridge Construction Safety

130 Design Practices of Highway Safety Facility

132 Influence of Traffic Safety Facility

134 Appraisal Method of Speed Calculation Using Projectile Formula in Traffic Accident

136 Principle and New Technology of Active Removing Snow and Ice on Asphalt Pavement

138 How to Prevent Accident of Car Rear-end

140 Car Safety Drive and Emergency Disposal

142 Safety Analysis of Bridge Construction Engineering in Plains

144 Research on Driving School Safety

Management

146 Key of Ensuring Pilot Safety by Strengthening Lookout

GREEN TRANSPORTATION

147 Environmental Problem and Prevention Measure in Highway Construction

149 Importance of Highway Green Construction

150 How to Do Well Expressway Slope Green

152 Green Work of Expressway in Mountainous

PLANNING & DESIGN

154 Plastic Art and Design Research of Separating Overpass Crossing Expressway

156 Waterproofing and Drainage Design of Highway Tunnel in Alpine Region

158 Design of Highway Hedge Lane in Mountain

160 Feasibility Analysis of Bridge Design in Flat Area

BUSINESS STRATEGY

162 Examine and Audit of Engineering Completion Accounts of Highway Project

164 Research on Parameter Value of Economic Cost Benefit Analysis of Highway Project

166 Control and Management of Engineering Cost

168 Application of Value Engineering in Bridge Construction Cost Control

170 Cost Calculation and Control of Road and Bridge Construction Project

172 Application and Think of Transport Development Strategy with Saving Resource in Highway Alteration Engineering

174 Maintenance and Management Mode of Rural Highway

176 Effective Strategy of Cost Control in Expressway Construction

178 Bidding Management of Expressway Construction in Guizhou Province

180 Think and Explore of Highway Construction Bidding

182 Establishment of Fuchimen Bridge Budget Cost

184 Application of Mountainous Countryside Highway Technology Index in Estimated Investment Control

186 Several Problems of Highway Engineering Supervision

187 Construction Management of BT Mode in Inter-county Road

HIGHWAY

189 Cause and Prevention Measure of High-grade Highway Vehicle-bump at Bridge-head

190 Control Management of Subgrade Construction Quality

192 Influence of Drainage Design on Pavement Quality in Highway Engineering

194 Expressway Maintenance and Management

196 Analysis of Shear Stress between Pavement Layers by Setting Thin Overlay and Test Research

198 Prevention and Control Measure of Highway Vehicle-bumping at Bridge Ends

200 Research on Accelerating and Loading Pavement Test

202 Control of Concrete Quality Common Disease in Highway Bridge Construction

204 Application of Prestressed Anchor Frame Beam in High Slope Protection

206 Construction of Open-cut Range Slope in Shangling Town-Jiahe Station of Guangzhou Subway

208 Crack Treatment of Concrete Bridge

209 Cause and Treatment of Bridge Deck Pavement Disease

211 Prevention Measure of Expressway Subgrade Sinking

212 Disease Cause and Maintenance Countermeasure of Rural Highway Bridge

214 Harm in Highway Bridge Transition Section Construction and Quality Control Measure

215 Mechanism and Prevention of Pavement Rut Formation

COLUMNS

217 Quality Management of Bridge Construction

218 Equipment Management of Expressway Construction Machinery

220 Application of Information System of Transport Engineering Quality Supervision Management

222 Research on Learning Party Building Question in Scientific Research Institute

224 Application and Research of Management Theory in Driving School Business

226 Ways of Promoting Highway Service Quality

228 Safety Supervision of Highway Engineering

230 Choose and Compare Used Car Appraisal Valuation Methods

232 How to Different Accident Car in Used Car Transaction

234 Application of 4R Theory in China Expressway Human Resources Management System

236 Build and Management of Highway Engineering Test Organization

237 Questions of Quality Management in Expressway Construction

239 Effectiveness of Improving Highway Engineering Quality

240 Highway Construction Technology and Safety Management

242 Five Controls of Highway Engineering Supervision Work

243 Protection and Management of Highway Foundation in Plains

245 Supervision of Engineering Measurement

247 Measure Management of Highway Engineering