

3 结论

通过采用液压式新结构机头,巨型工程机械子午线轮胎钢丝帘线挤出机整体使用效果良好。经生产验证:钢丝帘线挤出上下覆胶均匀,提升了巨型工程机械子午线轮胎钢丝帘线的压延工艺质量;更换钢丝帘线规格时,节约了操作的时间,提升了生产效率;改用液压式插销和滚珠丝杆,装卸操作简化,节约时间,降低劳动强度;优化机头内胶料流道形式,解决重启动时钢丝帘线因胶料不足而无法覆胶的问题,报废率减小。钢丝帘线挤出机机头优化设计后,产品质量和生产效率提升,节约生产成本,具有良好的经济效益和安全性。

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Optimization Design of Hydraulic Head of Steel Cord Extruder for Giant OTR Radial Tire

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Abstract: The traditional rotary and detachable head of the steel cord extruder for giant OTR radial tire was redesigned and optimized, and the new head adopted the hydraulic horizontal back and forth movement using a guide rail and the lock mechanism by using a hydraulic bolt. With the new structure of the head, the extruded steel cord was coated with rubber evenly. The slot type design was adopted for the die and threading plate, therefore, when the specification of steel cord was changed, the operation time was shortened and the equipment capacity was improved. The loading-unloading operation was simplified with hydraulic bolt and ball screw design, saving operation time and reducing labor intensity. The inner flow channel form of the machine head was optimized to solve the problem that the steel cord could not be coated due to insufficient rubber when restarting. After the optimized design of the extrusion head, the product quality and production efficiency were improved, and it had good economic benefits and safety.

Key words: giant OTR radial tire; steel cord; extruder; calender; hydraulic head

通用股份向泰国公司增资7 800万美元

日前,江苏通用科技股份有限公司(简称通用股份)发布公告,公司拟与全资子公司天马国际(香港)贸易局限公司和无锡久诚通橡胶贸易局限公司按照持股比例以自有资金对通用橡胶(泰国)有限公司进行同比例增资,合计7 800万美元,用于进一步扩大产能、优化仓储物流体系 and 开展生产经营活动。通用股份表示,在经济全球化及海外市场需求

强劲和供应链管理优势等大环境下,加速海外布局,扩大海外子公司产能,有利于充分发挥经营优势,进一步向海外市场进行产品和品牌输出,满足公司全球化战略升级的需求。公司泰国基地拥有先进的生产技术、优秀的技术管理团队、批量生产能力,海外市场销售规模持续增长,实现了效率和效益目标,为后续发展奠定了坚实基础。

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