

用脂润滑。

#### 4 结语

随着市场对轮胎舒适性、耐磨性、操控性能的要求越来越高,对于轮胎成型机的安装调试精度和设备检修提出了更高的要求。轮胎成型机的安装调试精度可以保证设备初期的制造精度,中后期的良好检修可以保证设备的使用寿命。轮胎成型机的安装调试精度和检修方法凝聚了工程师的智慧,并随设备结构的创新不断完善。轮胎成型机稳定性越好、使用寿命越长,其市场竞争力越强。

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收稿日期:2022-01-26

## Installation, Commissioning and Maintenance of Tire Building Machine

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**Abstract:** The installation and commissioning, precision adjustment and maintenance methods of tire building machine were introduced. The main installation steps of the tire building machine included on-site verification of the foundation, marking, determination of the target points, installation of the embedded iron, pouring concrete and installation of the targets. After installation, the precision of the building machine needed to be adjusted to reach the design requirements, which mainly included the selection of reference and the precision adjustment of the transmission system. The maintenance of the tire building machine included the repeated positioning accuracy inspection, the conveying accuracy inspection, the tension inspection of synchronous belt, bearing maintenance and chain maintenance. The better the stability of the tire building machine was and the longer the service life was, the stronger its market competitiveness was.

**Key words:** tire building machine; installation and commissioning; precision adjustment; equipment maintenance

### 4项橡胶行业科技成果荣获2021年度 河南省科学技术进步奖

日前,2021年度河南省科学技术奖励名单公布,共评出省科学技术杰出贡献奖、省科学技术合作奖、省自然科学奖、省技术发明奖、省科学技术进步奖等授奖项目共计299项(人),其中自然科学奖项目26项,技术发明奖项目13项,科学技术进步奖项目254项。

4项橡胶行业科技成果获奖,具体情况如下。

(1)鹤壁联昊化工股份有限公司“非轮胎含硫结构橡胶硫化促进剂关键技术及产业化”获科学

技术进步奖二等奖;

(2)风神轮胎股份有限公司“面向欧盟标签法的高性能载重子午线轮胎关键技术及应用”获科学技术进步奖三等奖;

(3)漯河利通液压科技股份有限公司“耐硫化氢耐脉冲超高压石油钻采输送软管关键技术及产业化”获科学技术进步奖三等奖;

(4)神马实业股份有限公司“高性能聚酰胺66工业丝连续聚合熔体直接纺丝产业化开发应用”获科学技术进步奖三等奖。

(本刊编辑部)