

大中型饲料厂离散集合型配混系统计算机控制模式的研究

Computer Control Pattern of Separate Concentrated Feed Additive Compound System for Large Middle Feed Plant

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中文关键词：饲料加工, 总线微机集控, 分合式软件

英文关键词：feed processing, concentrated shaped computer control system, separate concentrated software

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作者	单位
胡武	杭州市机械科学研究所

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中文摘要：

研究了饲料添加剂、预混料、全价料三个离散独立的配混系统各自特点及互联规律，提出用一台总线工控微机集中控制的模式。提出并实施了多任务分合式新的软件结构程式及计算机对空中落差自我学习新方法，解决了系统的精度与速度问题，减少了工程的设备及场地的投资，实现了生产的现代化科学管理。

英文摘要：

Based on the analysis of characteristics of three separated systems of feed additive, pre compound system and feed compound system, a concentrated shaped micro computer control system with STD total bus was used to control feed compound system. The multi task and separate concentrated software diagram was used in the control system. CPU will synchronously separate concentrated work by interrupting, timing and cycling, if the event is random or influences the system accuracy directly, or CPU will discretely work by asynchronously inquiring and sub program nexting. This article also put forward the hybrid timing control with software interruption INT 48H and error self learning of computer system, which improves the system accuracy, reduces equipment investment and modernizes production management.

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