



An Unmanned Production Line For Manufacture Of Climbing Frame Products

Basic Information



Product Specification

- Highlight:
 - Climbing Frame Products Robotics in Manufacturing
 - Climbing Frame Products Industry 4.0 Manufacturing
 - Climbing Frame Products Smart Factory Solutions

Product Description

The unmanned production line for climbing frame products in the construction industry comprises automatic loading and unloading of climbing frame components, automatic assembly, automatic welding, automatic transportation, automatic offline processing, and production line system scheduling control, enabling the automatic conversion of different types of products. The process generates minimal smoke and dust, which are automatically collected, saving energy and reducing environmental impact. This technology makes factory manufacturing truly unmanned, informatized and intelligent.

Structure: The production line is comprised of an automatic loading and unloading robot system, an automatic grouping system, an automatic robot welding system, a logistics automatic conveying line, an automatic dust removal room, and a production line control system.

Technical ability: The system is capable of completing the automatic welding production line of climbing frame products, including all rails, walkway slabs, protective mesh frames, and inner pick plates.





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