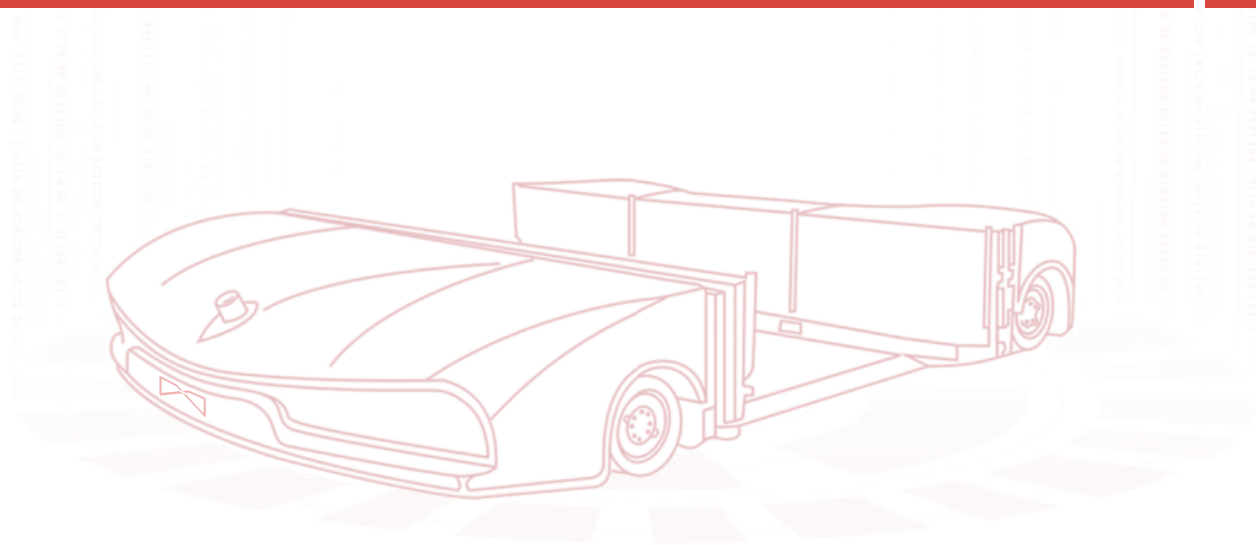
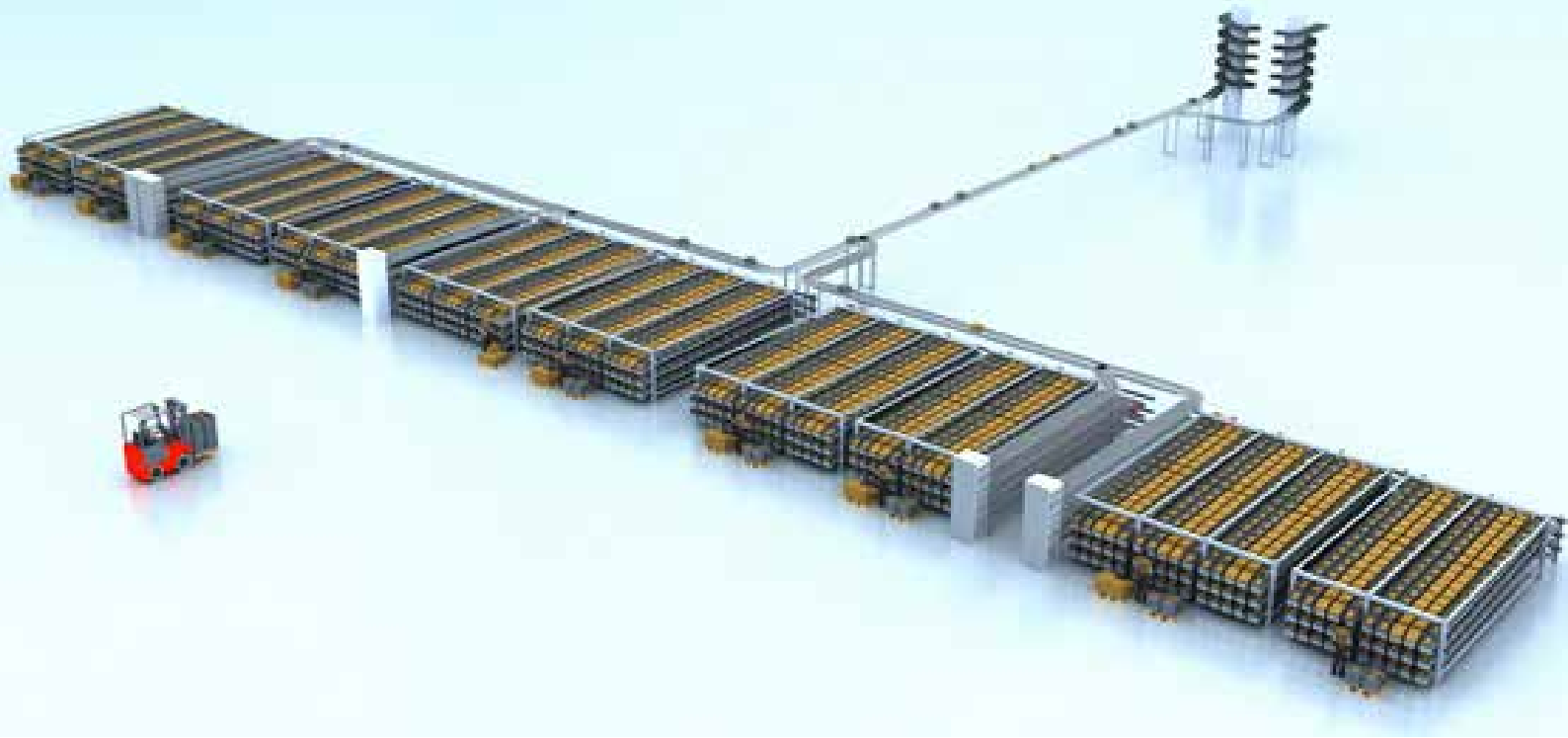


Cowell Health Group Intelligent Logistics Center Project

Customer case





Project Background

Cowell Health Group ("Cowell Health"), an industrial company of Hillhouse Capital Group, specializes in strategic investment and operations in the big health field. The founding team comprises individuals who have worked with leading medical, pharmaceutical, and retail groups in China and they possess exceptional investment and operational capabilities in the big health field.

By practicing the concept of "technology empowers smart healthcare", Cowell Health introduces the innovative model that integrates smart pharmacy, smart healthcare, and health management, and realizes comprehensive long-term health management throughout the lifecycle by integrating online and offline healthcare services and combining pharmaceutical and diagnosis and treatment services. Cowell Health provides patients with a one-stop health and disease management solution that centers on health monitoring, disease prevention, intelligent consultation, online

diagnosis and treatment, chronic disease management, patient education, promotion of new and specialty drugs, and community-based family doctor service, and offers whole-lifecycle health management service that integrates online and offline healthcare services for patients, combines pharmaceutical and diagnosis and treatment services, and fully covers O2O and B2C. These initiatives improve the basic medical service capabilities for the society and build an optimal service channel to the medical big health industry.

Project Introduction

The Cowell Health Zhaoqing Logistics Center, located in Duanzhou District, Zhaoqing City, Guangdong Province, covers a floor area of 16,722 m²(180,000ft²) and has a construction area of about 51,000 m² (548,960ft²). This center can distribute

goods to up to about 4,000 stores and offer distribution services for 1,340 stores on daily average. HWArobotics introduces an innovative collection and sorting system that automatically replenishes goods using shuttles ("collection and sorting system"). This system helps customers reduce sorting and shipping equipment costs while saving more tally area.



Project Highlights

01

Modular collection and sorting system greatly reduces equipment costs

The collection and sorting system employed in this project can perform sorting, buffering, sequencing, and other functions. It replaces the traditional collection and sorting combination of sorters and multi-level shuttle AS/RS system, and greatly saves equipment

costs for customers. Meantime, this system is modular and scalable, with a more easy-to-use and flexible architecture.

02

High operating efficiency: The daily average number of outbound boxes exceeds the peak index

This project is provided with five sets of collection modules (each with 3 stories), with a maximum inbound capacity of 1,575 boxes/hour. There are 6,885 cargo spaces, 405 aisles, and 174 pallet buffering positions. The total storage capacity is over 10,000 boxes and the daily average number of outbound

cases is over 15,000 cases, which exceeds the peak number of outbound boxes.

03

Reducing manual palletizing and tallying while saving more tally area

Traditional sorters require a lot of manual palletizing and tallying, which occupies a large warehouse space. This collection and sorting system fully utilizes the vertical height space and increases storage density, saving about 1,000 m²(10,764ft²) of tally area.



HWArobotics's warehouse automation equipment and solutions are gaining popularity in pharmaceutical logistics projects, and are well received by customers. In the coming years, HWArobotics will persist in exploring innovative technologies and solutions that cater to customer needs, providing robust support for intelligent pharmaceutical logistics.



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