

Newkuani
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Intelligent, Economical and Efficient
Logistics System Integrated
Solution Supplier

www.newkuani.com

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Newkuani Wechat Public Account



Our Company

Jiangsu Newkuani Technology Co.,Ltd. is situated in the Zhangjiagang Free Trade Zone in Suzhou, Jiangsu Province. Located to the east of the international metropolis Shanghai and adjacent to the Suzhou-Wuxi-Changzhou National High-Tech Development Zone, our company benefits from a well-developed transportation infrastructure and convenient logistics, giving us a unique geographical advantage.

As a research and development-oriented enterprise with independent intellectual property rights, we have been dedicated to providing integrated one-stop services in the packaging industry for over two decades. Our services encompass logistics system designing, equipment research, development, manufacturing, and integration, system development and application, as well as technical consulting and training. We have gradually formed a range of product series, automatic stereoscopic warehouse, intelligent paper roll conveyor system, intelligent sheetboard conveyor system, and automatic robot palletizing system, etc. This has positioned us as a leading integrated solution provider for intelligent factory logistics systems in the packaging industry.

With the support of a strong research and development team, advanced production equipment, prompt after-sales service, and modern management philosophy, we have progressively emerged as an industry leader.

We will always adhere to the corporate spirit of "technology-oriented, reputation-driven, practical innovation, and continuous improvement." Our commitment is to serve every customer worldwide, creating smart factories together.



Suzhou-Zhangjiagang (Daxin) factory



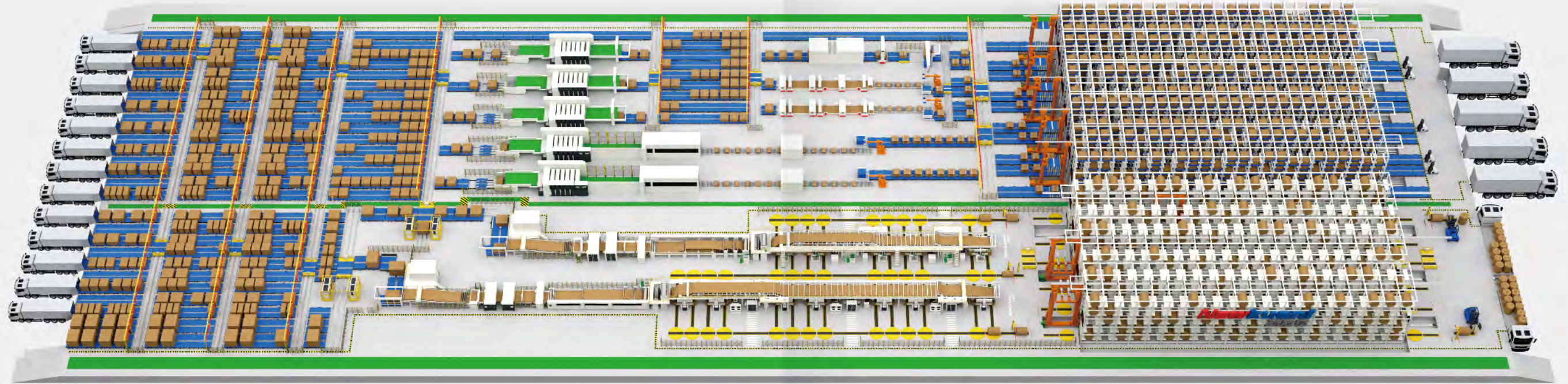
Suzhou-Zhangjiagang (Deji) factory



Intelligent, Economical and Efficient Conveyor System for Packing Industry

Main Advantage

	Intelligent	<ol style="list-style-type: none"> 1. Lower labor costs 2. User-friendly interface and streamlined operation 3. Meet the production and management requirements of modern enterprises
	Economical	<ol style="list-style-type: none"> 1. Minimize losses during transfer and transportation 2. Maximize turnover efficiency 3. Reduce overall turnover costs for the company
	Efficient	<ol style="list-style-type: none"> 1. Enhance work efficiency 2. Perform tasks that cannot be completed manually
	Security	<ol style="list-style-type: none"> 1. Improve the production site environment 2. Alleviate the labor intensity of workers and ensure the safety during production



Intelligent, Economical and Efficient Conveyor System for Packing Industry



Intelligent Paper Roll Conveyor System



New Product

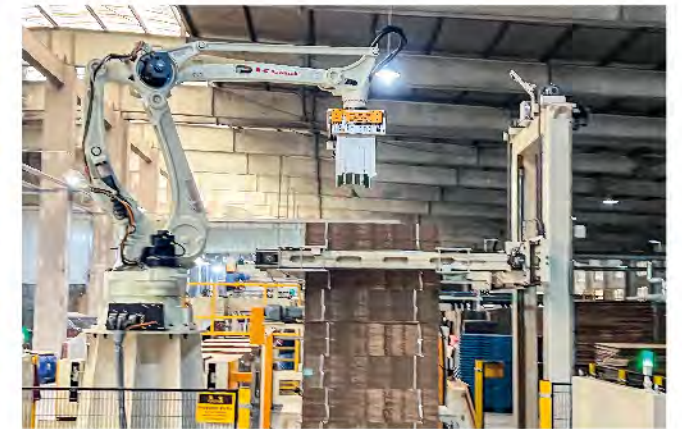
New Technology

New Process

New Capacity



Intelligent Sheetboard Conveyor System



Automatic Robot Palletizing System

Intelligent Paper Roll Conveyor System



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Paper Roll Stereoscopic Warehouse



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Intelligent Sheetboard Conveyor System



Automatic Robot Palletizing System



Automatic Pre-Feeder



NKWCS (Warehouse Control System)

NKWCS assumes a pivotal role as an indispensable conduit, seamlessly connecting upper-level systems (WMS, ERP, MES) and the equipment execution layer (PLC). Its overarching objective is to ensure a seamless integration of instructions between the upper-level systems and the equipment control layer. WCS capably receives instructions from the upper-level systems and diligently undertakes the tasks of task dissection, path optimization, and reassembly, subsequently disseminating them to the equipment execution layer for rapid execution of the upper-level system instructions. This expeditious execution enables swift coordination with internal equipment,

thereby yielding a considerable enhancement in the overall operational efficiency. It is worth mentioning that the NKWCS system encompasses a diverse array of communication interfaces (Socket, HTTP, DB) and has garnered substantial experience through its involvement in numerous project implementations and technological advancements. Consequently, it has successfully developed a highly adaptable system capable of accommodating varying business requirements, while simultaneously ensuring seamless integration with user systems and guaranteeing an expedient and efficient project implementation and deployment process.



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Stability and Efficiency

- Achieving millisecond-level response time, with short task allocation and device invocation durations
- Implementing a multi-threaded task processing mechanism for real-time handling of multiple tasks
- Enabling real-time and precise coordination and device operation to optimize system efficiency

Real-time Visualization

- Providing customers with real-time visualization of equipment status
- Enabling users to monitor the real-time operating status of devices in the warehouse
- Displaying information in a hierarchical and modular format, offering simple and convenient querying capabilities

Compatibility and User-friendliness

- Pre-configured with multiple standardized sub-modules to cater to different scenarios, allowing for independent and non-interfering module operations
- Supporting a wide range of devices and functional requirements, ensuring rapid deployment
- Featuring a user-friendly interface, easy scalability, and the ability to add or remove devices without impacting the core algorithms

Tailored Customization

- Customizing functionalities to meet specific user application scenarios and device configurations
- Integrating seamlessly with users' ERP/SAP/MES systems, establishing communication interfaces, and facilitating data exchange

Our Customers

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Your affirmation is the best motivation for us! At Newkuani, we hold quality as our top priority, with a customer-centric approach, considering technological innovation as the core driver of our development. We firmly believe in a people-centered philosophy and strive for service excellence. Our business philosophy revolves around the principles of "Technology as the foundation, Reputation as the utmost priority, Practical Innovation, and Continuous Excellence." Through this

approach, we have established long-term partnerships with numerous renowned companies both domestically and internationally, earning the trust of customers worldwide. We deeply understand that the success of our customers is synonymous with the advancement of Newkuani. Therefore, we are committed to sharing achievements, summarizing experiences, enhancing services, and fostering collaborative development with friends from all walks of life.

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