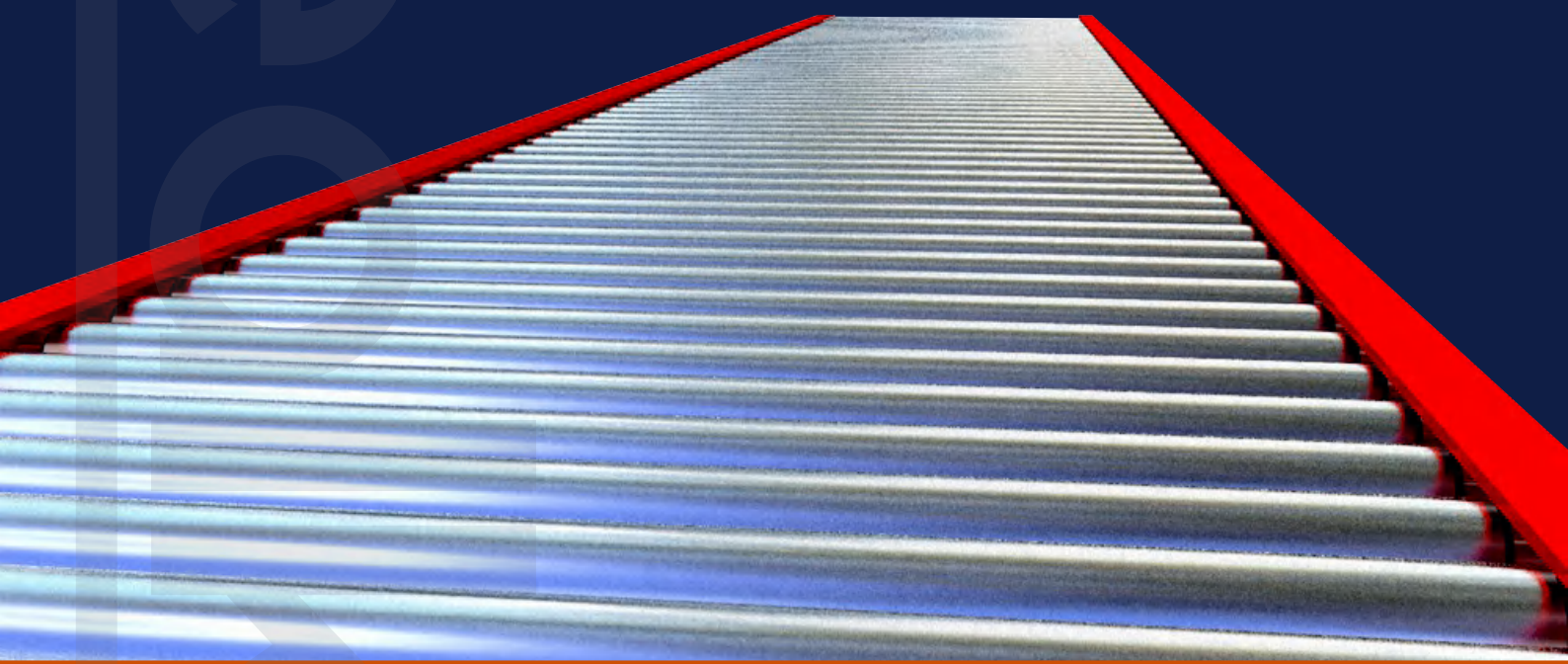




Realkey

Roller Conveyor

RKCONV-RC

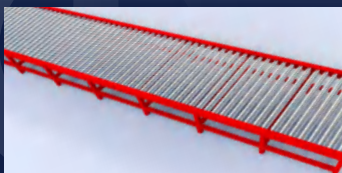
Modular, reliable, flexible roller conveyor.

Product Overview

RKCONV-RC

The Realkey Roller Conveyor (RKCONV-RC) can be categorized into powered roller conveyors and gravity roller conveyors based on their driving methods. Roller conveyor lines can easily connect and transition with each other, allowing the formation of complex automated logistics conveyor systems when combined with multiple roller conveyor lines and other types of conveyors or specialized machines.





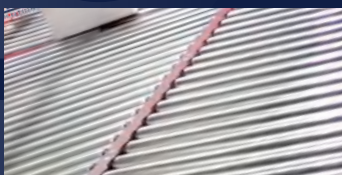
FLAT ROLLER CONVEYOR

Flexible, Cost-Effective General-Purpose Conveying



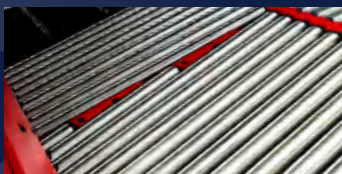
CURVED ROLLER CONVEYOR

Custom-Angle Turning for Complex System Integration



CENTER-ALIGNING ROLLER CONVEYOR

Precision Item Centering for Pre-Sorting & Position-Critical Sections



SIDE-ALIGNING ROLLER CONVEYOR

Precision Item Positioning to Conveyor Line Side



ACCUMULATION ROLLER CONVEYOR

Buffer & Orderly Accumulation of Goods with Low System Resistance



MERGE ROLLER CONVEYOR

Multi-Angle Item Merging for Complex Conveyor Systems



90° POP-UP TRANSFER CONVEYOR

Space-Saving 90° Right-Angle Transfer with Automatic Control

Equipment Features

01 **Flexibility**



Customizable in roller size, spacing, length, and drive method. Configurable roller system to fit your production line.

02 **Modular Design**



Modular design for easy installation, maintenance, and scalability. Adapts quickly to changing production needs.

03 **Energy Efficiency**



Powered rollers are electric and efficient; non-powered rollers rely on gravity and momentum, cutting energy use.

04 **High Load Capacity**

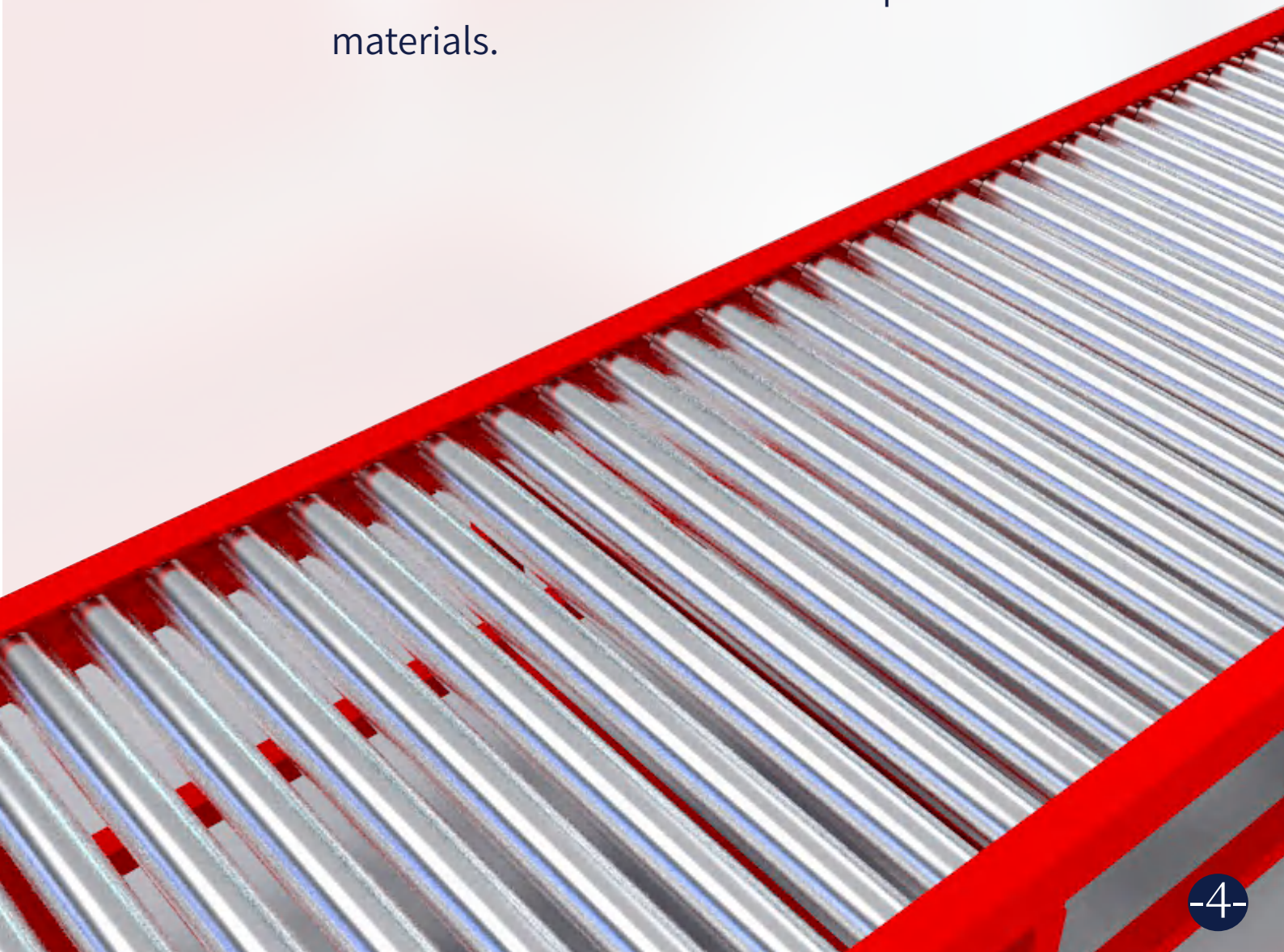


The system can handle various weights, suitable for transporting anything from small parts and bins to large goods.

05 **Ease of Operation**



Easy-to-use controls support automation. Add-on accessories secure transport of diverse materials.



Technical Parameters

Model	RKCONV-RC-38/50/60/76/89
Equipment Length	3~20 (m), customizable according to actual needs
Effective Width	800/1000/1200/1400 (mm), customizable according to actual needs
Conveyor Chain Specification	C10B-2
Frame Material	Carbon Steel
Drive Type	Gear Motor
Operating Speed	12/16/18 (m/min)
Rated Load	1000 (kg/ m ²)
Ambient Temperature	-20~40 (°C)
Ambient Voltage	Three-phase five-wire 380V / Single-phase 220V
Equipment Accessories	Can be equipped with protective plates, bottom sealing mesh, photoelectric switches, foot switches, and other accessories as needed.

Product Application



Food and Pharmaceutical Industries

Suitable for industries with specific hygiene requirements, such as food and pharmaceuticals, ensuring cleanliness and safety during material handling.



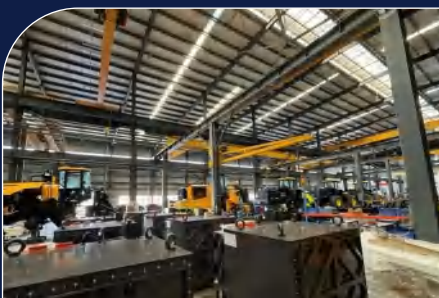
Manufacturing Industry

Used for automatic conveyance of parts on production lines, improving production efficiency and reducing labor costs.



Logistics Centers

Employed in courier and logistics centers for rapid sorting and transporting of parcels, enhancing sorting accuracy and operational speed.



E-commerce Warehouses

Utilized for handling large volumes of order picking in e-commerce warehouses, facilitating fast movement and sorting of goods.

Product Advantages

01

Efficient Conveyance

High-efficiency, Stable Continuous Transport

02

Mature Technology

Proven Technology for Equipment Reliability

03

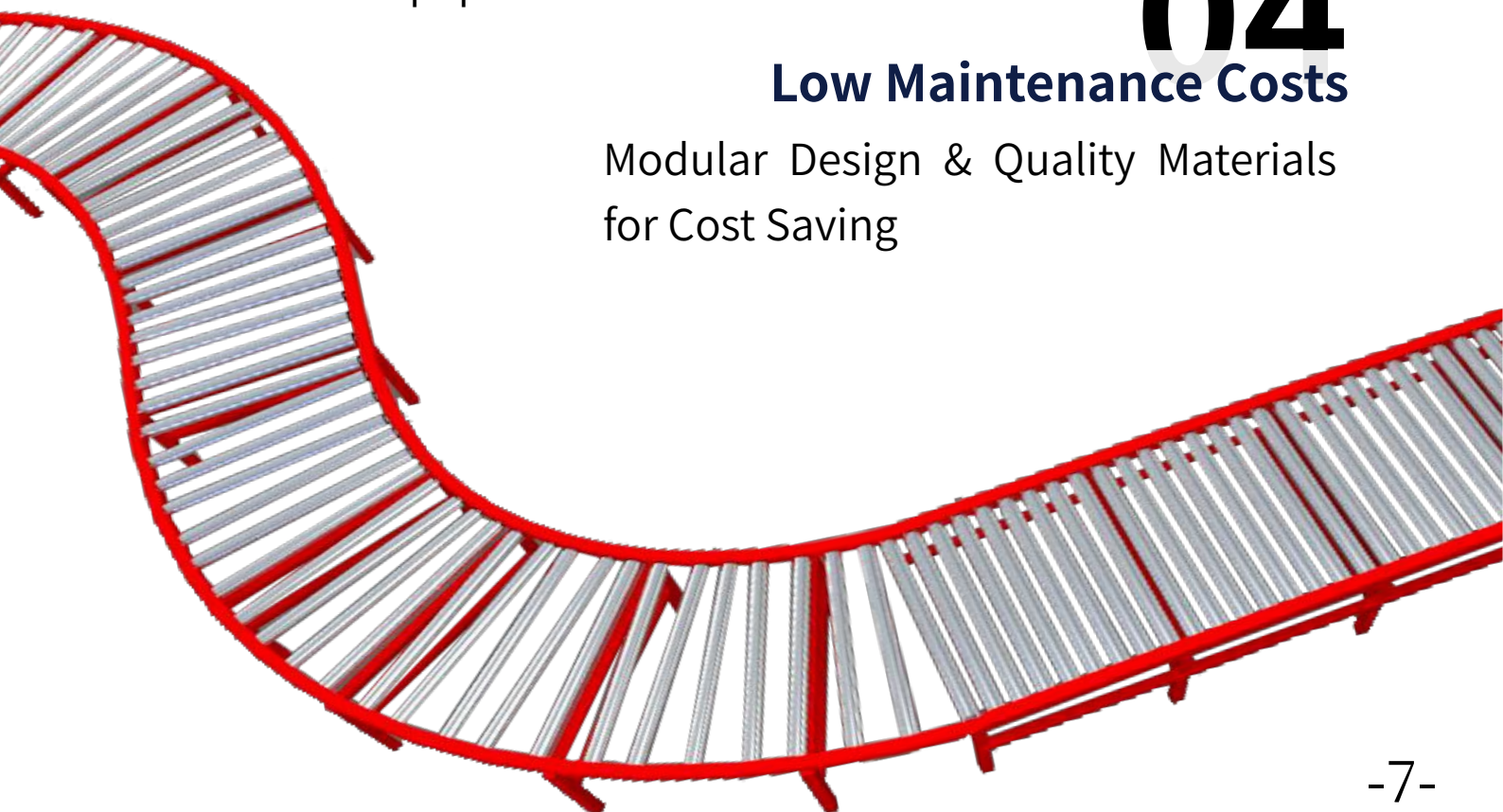
Automation Integration

Seamless Integration with Automated Equipment

04

Low Maintenance Costs

Modular Design & Quality Materials for Cost Saving



Product Advantages

05

Customized Service

Tailored Design for Specific Working Conditions & Needs

06

Strong Scalability

Future-Proof Design for Flexible Capacity Expansion

07

Safety Assurance

Comprehensive Safety Devices for Operator Protection

08

Reliability

Realkey delivers 19 years of expertise in logistics conveying and automated sorting. Renowned for robust systems and tailored solutions, we are your trusted partner in intelligent material handling.



Company Profile

Qingdao Realkey Machinery Co., Ltd
Intelligent Logistics Sorting & Conveying Systems Expert
National High-Tech Enterprise

Core Strengths

- Proprietary high-speed sorting systems: 30,000 pcs/h throughput
- AI-powered sorting accuracy: 99.9%+ reliability
- Industry-adaptive solutions: Customized for 20+ sectors including e-commerce, express logistics, and manufacturing.

Your Pain Points Solved

- Low sorting efficiency • Error-prone operations
- Space constraints • Rising labor costs

Global Impact

20+ countries served | 1000+ successful deployments
Trusted by industry leaders: SF Express, JD.com, China Post.

Empower your logistics evolution with intelligent solutions
Where cost reduction meets operational excellence

19+

Founded in 2007

100+

Professional R&D
personnel

12000+ m²

Factory space

20000+ m²

Land area

Certifications & Recognitions

- CE Certification (Approved)
- ISO9001 Quality Management System Certification
- ISO14001 Environmental Management System Certification
- National High-Tech Enterprise
- Intellectual Property Management System Certification
- Qingdao "Specialized, Refined, Unique, Innovative" Enterprise
- Qingdao Intelligent Parcel Sorting Technology Innovation Center



RKSORT- Product Series



TTS

Tilt Tray Sorter

STS

Split Tray Sorter

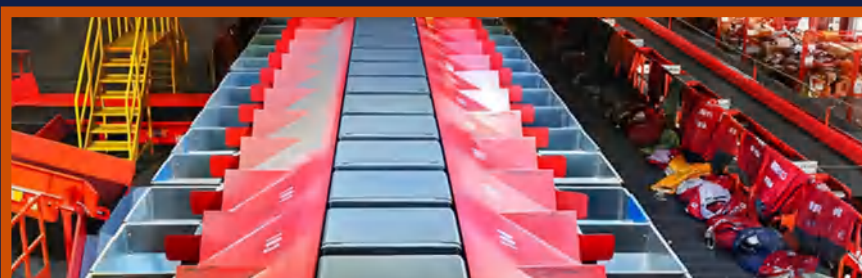


SWS

Swivel Wheel Sorter

CBS

Cross Belt Sorter

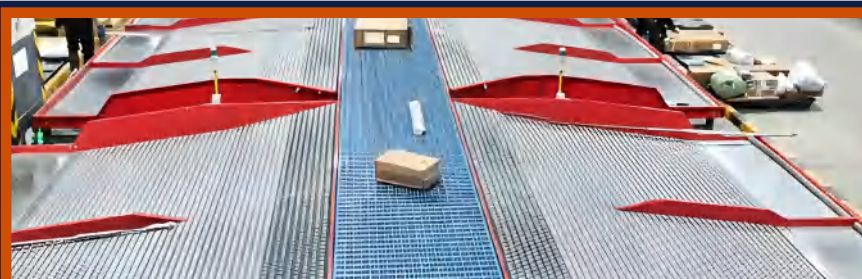


NBS

Narrow Belt Sorter

MBS

Modular Belt Sorter





**Excellent Quality
Service First
Creating Success
Together with You**

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