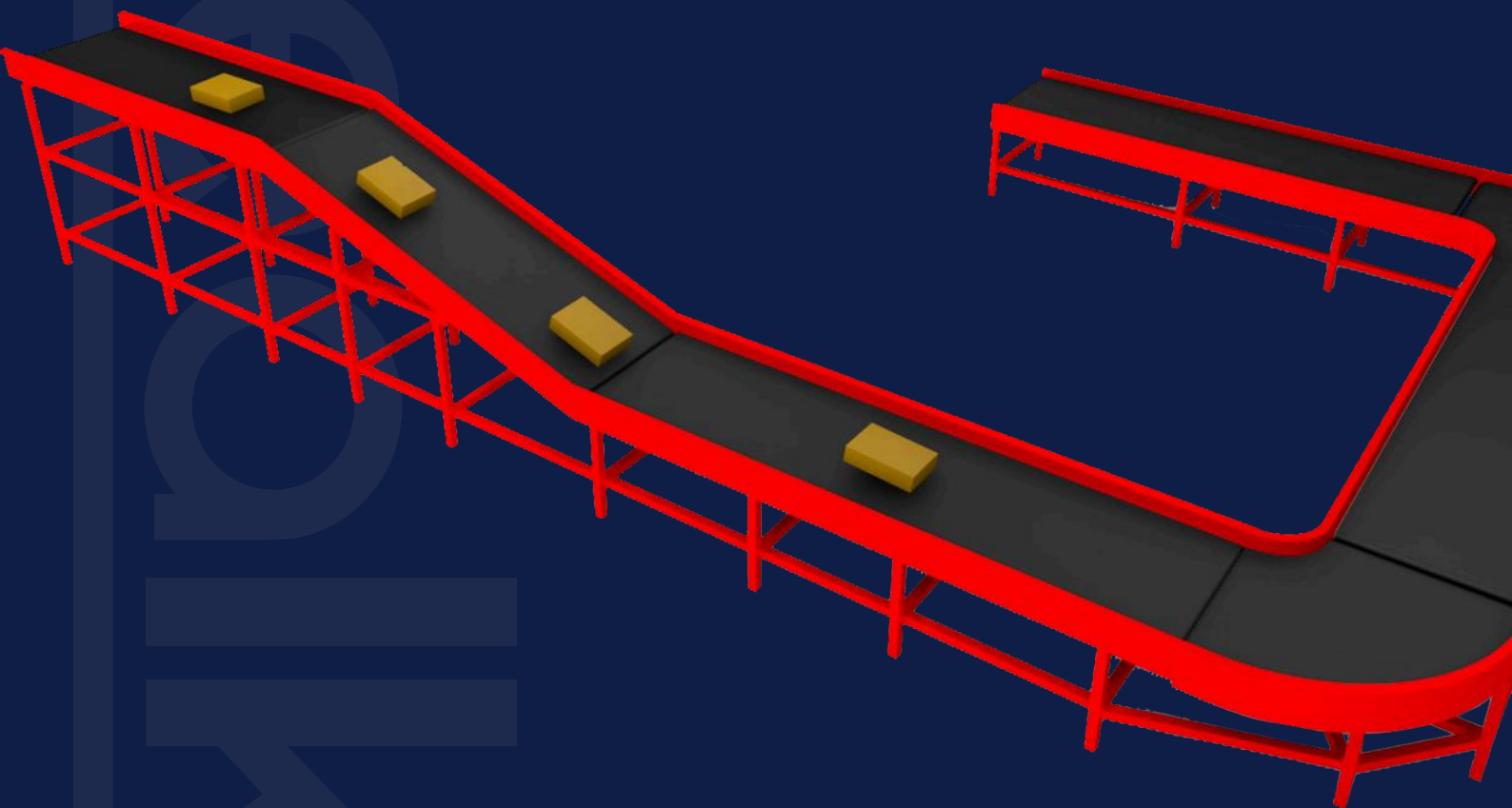




Realkey Belt Conveyor

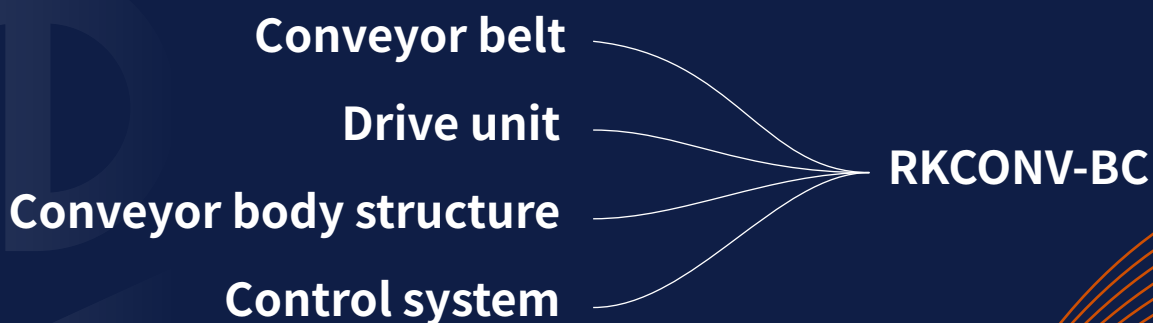
RKCONV-BC

Versatile, modular automated material handling system.

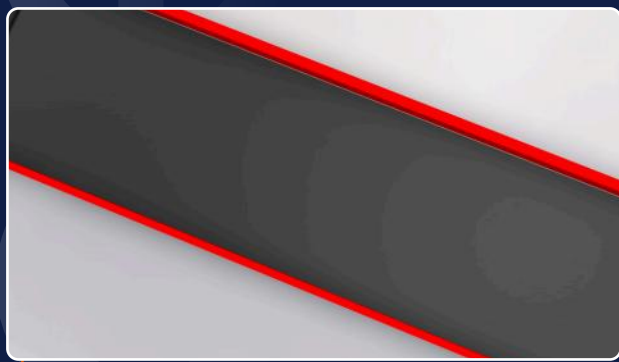
Product Overview

RKCONV-BC

Realkey belt conveyor (RKCONV-BC) is a type of conveying equipment that relies on a drive roller to move the belt to transport materials continuously. Due to its no relative movement between the transported materials and the belt, belt conveyors offer stable transportation, high efficiency, low noise, and minimal energy loss. They are suitable for transporting various shaped items such as cartons, bags, turnover boxes, and plates.



4 *main types* >>>



FLAT BELT CONVEYORS

The most widely used, with customizable length and speed for flexible, safe and efficient transport.



CURVED BELT CONVEYORS

Transport items at angles like 30°, 45°, 60°, 90° or 180°, with customizable turning radii to form complex systems with other conveyors.



INCLINED BELT CONVEYORS

Designed for height-differentiated paths, with tailored conveying distance and inclination angle.



MERGING CONVEYORS

Merge items into target lines at common angles of 45° or 60°, enabling complex conveyor configurations.

Equipment Features

01 **Stable Conveying**



High-quality PVC/PVK/PU conveyor belts ensure low friction, low noise and steady operation.

02 **Strong Load Capacity**



Designed for versatile applications, it handles loads from light to heavy and supports both steady and frequent start-stop operations.

03 **Flexible Structure**



Modular design enables easy installation, disassembly, maintenance and expansion. Configurable in straight, curved, inclined, declined or merging layouts to fit complex production lines.

04 **Intelligent Control**



Equipped with an integrated smart system, supporting speed adjustment, fault alerts, auto start-stop, sleep mode and remote monitoring for automated management.

05 **Easy Cleaning and Maintenance**

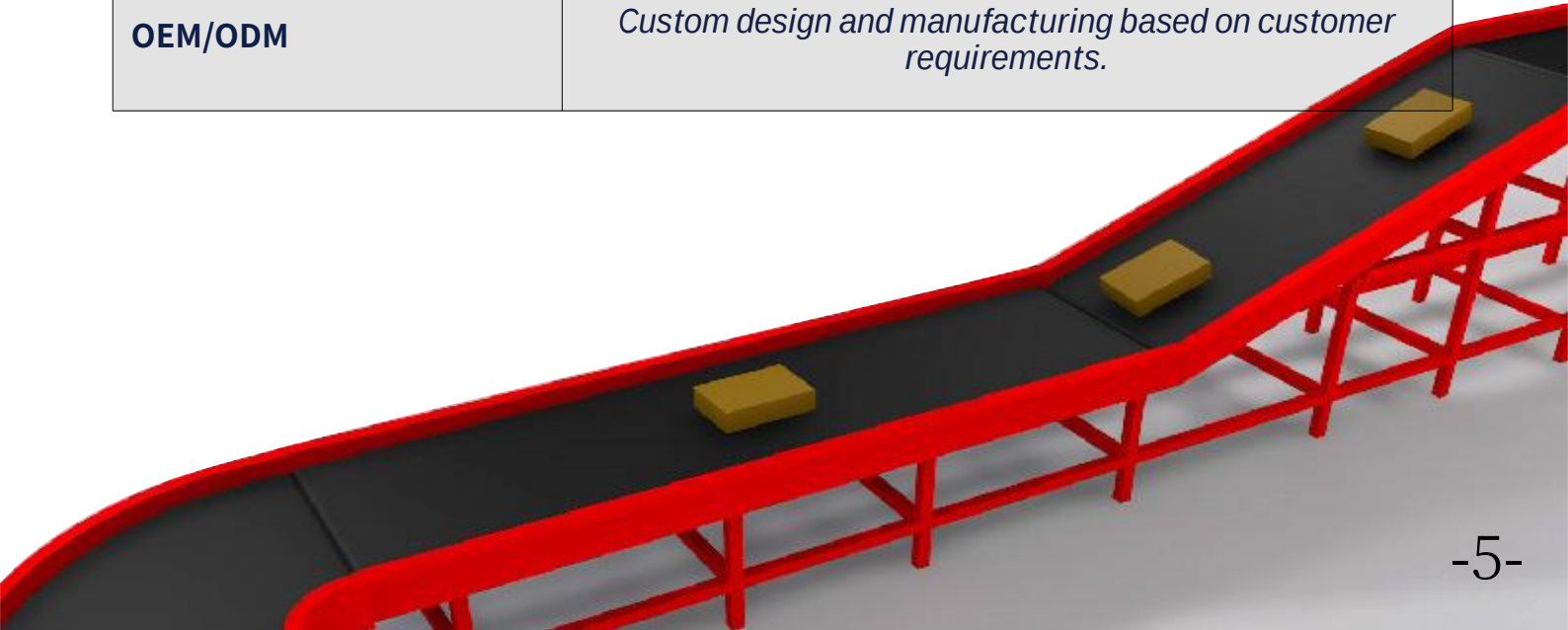


Seamless or detachable belt design simplifies daily cleaning, ideal for hygiene-sensitive industries like food and pharmaceuticals.



Technical Parameters

Model	RKCONV-BC-204/206/209/211
Length	1.2~20 (m)
Effective Width	400/600/800/1000/1200/1400 (mm)
Belt Material	PVC/PVK/PU/Composite Belt
Conveying Types	Flat/Inclined/Curved/Merging
Drive Types	Gear Motor/Electric Drum, Center Drive/End Drive
Operating Speed	0.2~2.3 (m/s)
Maximum Load	80 (kg/ m ²)
Ambient Temperature	-20~40 (°C)
Ambient Voltage	Three-phase Five-wire 380V/Single-phase 220V
Accessories	Configurable with side guards, bottom sealing net, photo-electric switch, foot switch, and other accessories as needed.
OEM/ODM	Custom design and manufacturing based on customer requirements.



Product Application



Postal and Courier Services



Food Processing



Logistics and Warehousing



Packaging Industry



Manufacturing



Airport Logistics

Product Advantages

01

Wide Adaptability

RKCONV offers a variety of belt conveyor models suitable for conveying items of different shapes, sizes, and weights.

02

Advanced Technology

Utilizing advanced technology, it ensures stable operation even during frequent start-stops and in low-temperature or high-humidity environments.

03

Easy Maintenance

Built with durable, self-lubricating materials, key components reduce maintenance needs and extend service life.

Product Advantages

04

Operational Safety

Operator safety is prioritized through emergency stop mechanisms, protective covers, and other safety features.

05

Custom Solutions

We provide customized belt conveyor systems tailored to specific needs.

06

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

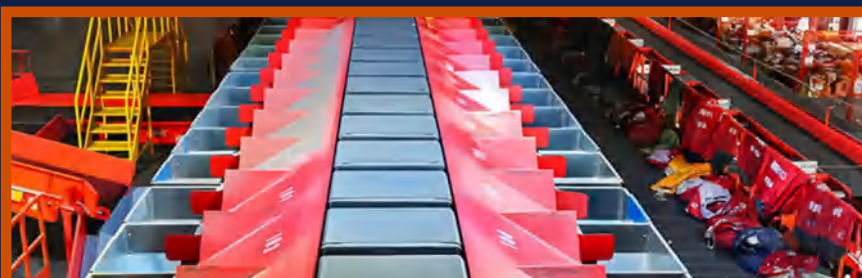


SWS

Swivel Wheel Sorter

CBS

Cross Belt Sorter

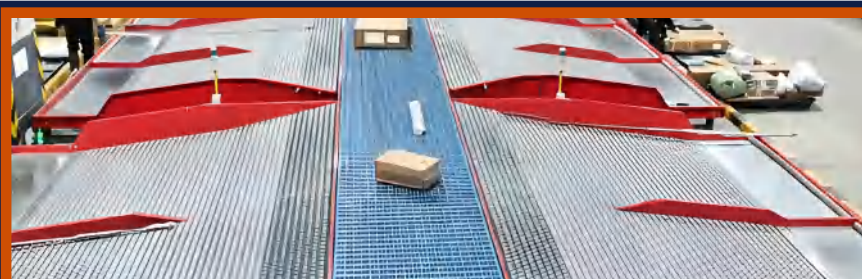


NBS

Narrow Belt Sorter

MBS

Modular Belt Sorter





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

Realkey Machinery Qingdao Co., Ltd

 **+86-532-82499066**

 **info@rksort.com**

 **111 Changping Road, Jiangshan Town,
Laixi, Qingdao, Shandong, China**

 **<https://www.rksort.com>**