



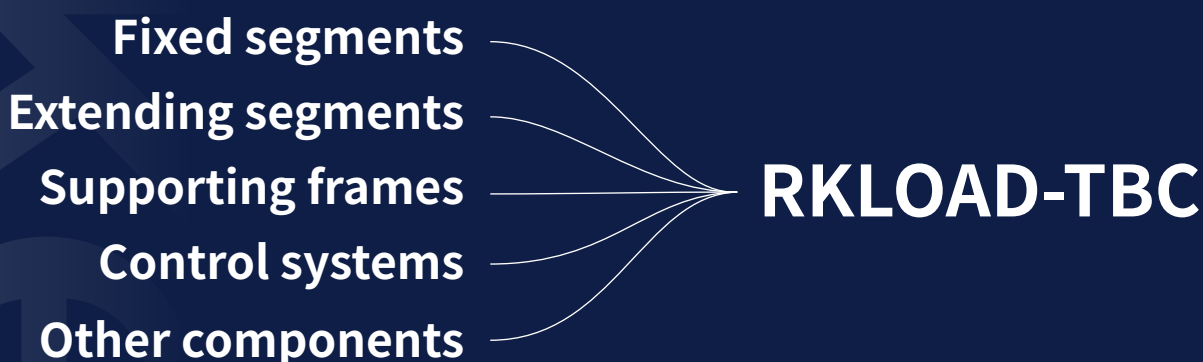
Realkey Telescopic Belt Conveyor RKLOAD-TBC

Extendable Loading/unloading equipment

Product Overview

RKLOAD-TBC

The Realkey telescopic belt conveyor (RKLOAD-TBC), also known as an extendable conveyor, or retractable belt conveyor, is a type of loading and unloading equipment with adjustable conveying distances within a certain range.



Not only can the telescopic belt conveyor adjust its length within a certain range, but it can also be equipped with a hydraulic system to adjust the conveying angle. Moreover, it can achieve bidirectional conveying to meet both loading and unloading requirements.

Equipment Features

01 **Cost Reduction and Efficiency Improvement**

50% Compared to traditional manual handling methods for loading and unloading, the RKLOAD-TBC offers convenient operation and reduces labor intensity. It can shorten loading and unloading time by 50% compared to traditional manual handling.

02 **Smooth and Safe Conveyance**

By reducing the number of times goods are handled during turnover, the RKLOAD-TBC effectively reduces the rate of goods damage and minimizes losses.

03 Easy Operation



Equipped with a user-friendly interface, it is easy to control the telescopic movements and conveyor speed, reducing operation training costs.

04 Convenient Maintenance



With mature technology and high modularity, the RKLOAD-TBC is easy to maintain and has a long service life.



Technical Parameters

Model	Sections	Fixed Section Length (mm)	Extended Section Length (mm)	Total Length (mm)
TBC2-5+3	Two	5000	3000	8000
TBC2-7+5		7000	5000	12000
TBC3-5+6	Three	5000	6000	11000
TBC3-6+8		6000	8000	14000
TBC3-7+9.5		7000	9500	16500
TBC4-4+6	Four	4000	6000	10000
TBC4-5+9		5000	9000	14000
TBC4-6+12		6000	12000	18000
TBC4-7+14		7000	14000	21000
TBC5-6+14	Five	6000	14000	20000
TBC5-7+17		7000	17000	24000

Model	RKLOAD-TBC
Belt Width (mm)	400/600/800/900/1000
Belt Material	PVC/PVK/Composite Belt
Operating Speed	0.2~0.6 (m/s)
Maximum Load	60 (kg/m^2)
Ambient Temperature	-20~40 (℃)
Ambient Voltage	Three-phase five-wire 380V
Hydraulic Lift	Optional
OEM/ODM	Customized design and manufacturing according to customer requirements are supported.

Product Application

■ Loading and Unloading Areas

Used for rapid loading and unloading of goods between trucks and warehouses, improving operational efficiency.

■ Warehouse Management

Utilized for short-distance material handling within warehouses, reducing manual labor intensity.

■ Logistics Centers

Paired with automated sorting systems for rapid conveying and distribution of packages.

■ Postal Sorting

Employed for the swift movement and sorting of letters and parcels within postal systems.

■ Food Processing

Suitable for the clean and hygienic conveying of raw materials or finished products in the food industry.

Product Advantages

01

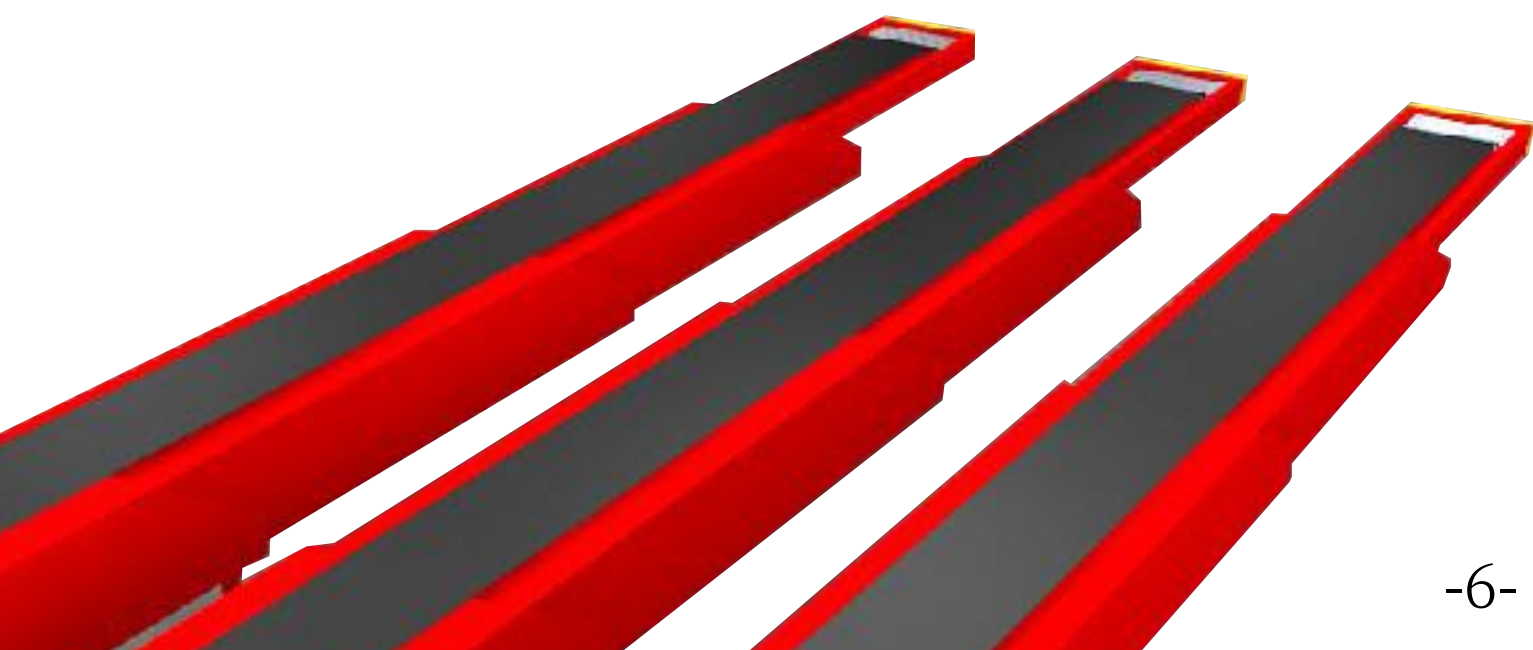
Wide Adaptability

Realkey offers various models such as fixed, track traversing, and free-moving types, covering a range of telescopic belt conveyor products from two-section to five-section, meeting diverse user needs.

02

Operational Safety

Realkey conveyor systems prioritize the safety of operators, equipped with multiple safety protection devices.



Product Advantages

03

Customized Solutions

Realkey can provide customized conveyor system designs and manufacturing services based on specific customer requirements.

04

High Reliability

With 19 years of experience in the logistics conveying field, Realkey products are renowned for their solid durability. When it comes to logistics conveying and sorting solutions, Realkey is a trusted partner you can rely on.

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

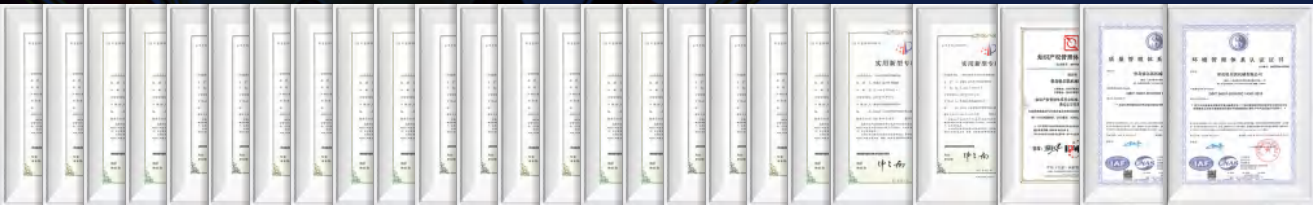
Factory space

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

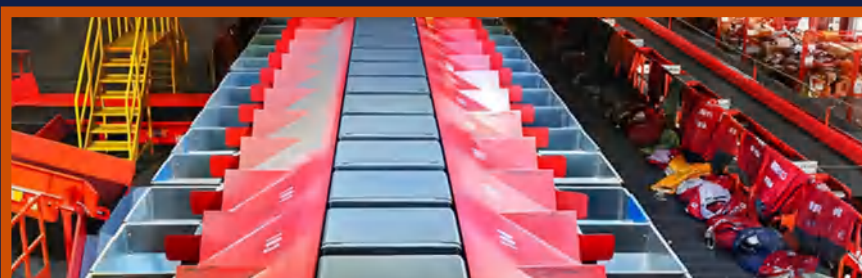


SWS

Swivel Wheel Sorter

CBS

Cross Belt Sorter

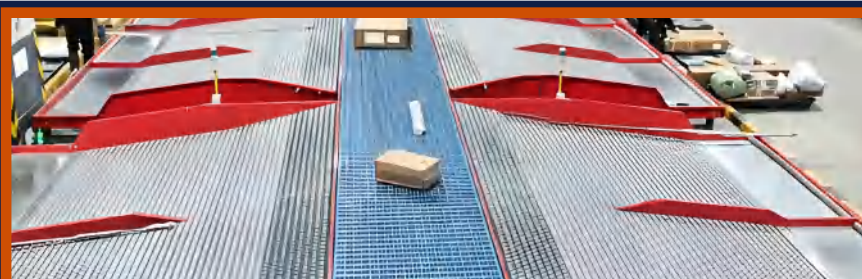


NBS

Narrow Belt Sorter

MBS

Modular Belt Sorter





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

Realkey Machinery Qingdao Co., Ltd



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