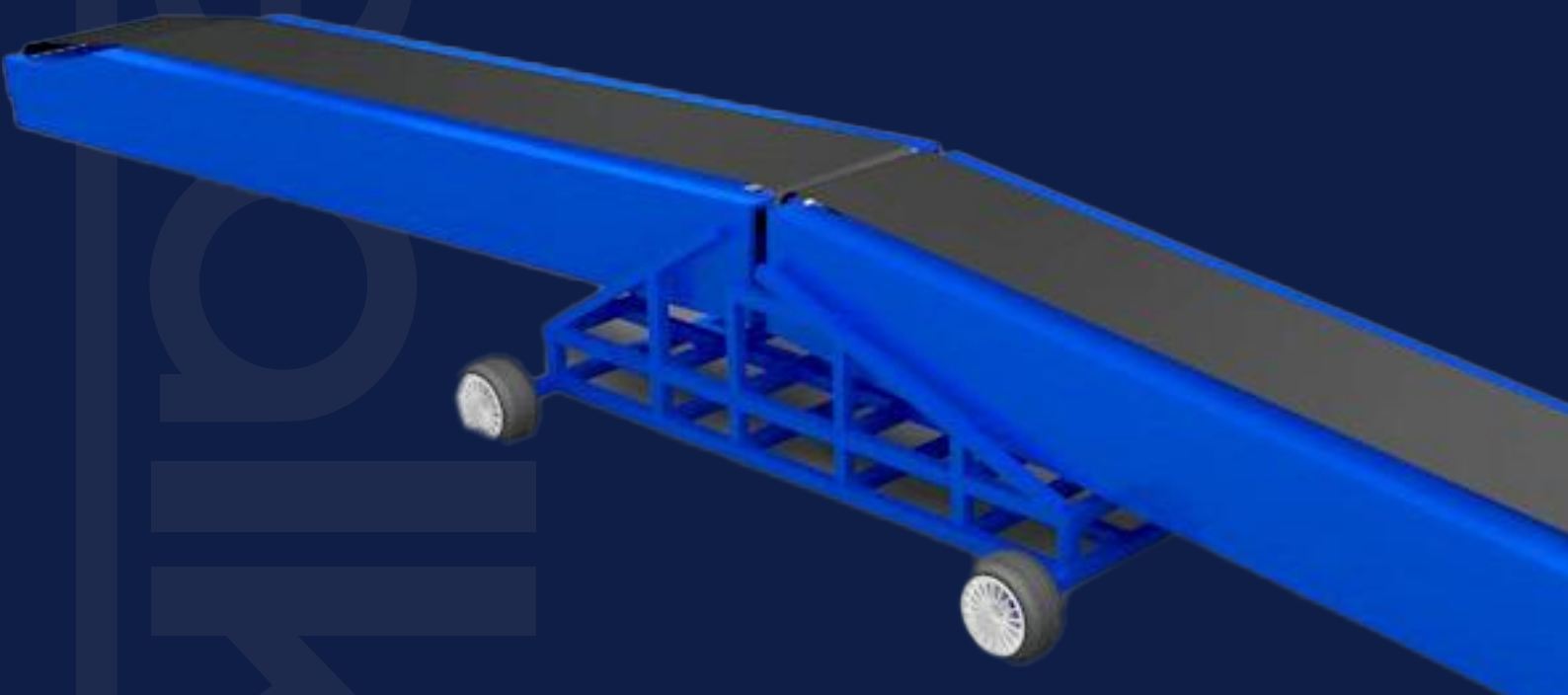




# Realkey Mobile Loading Machine

RKLOAD-MVL

*Heavy-Duty Handling, Made Easy*

# Product Overview

## RKLOAD-MVL

The Mobile Loading Machine (RKLOAD-MVL) is a vehicle loading and unloading machine developed by Realkey suitable for heavier loads. The RKLOAD-MVL consists of two flat sections at the front and rear and a ramp section in the middle. The two flat sections remain horizontal while the ramp section can adjust its height within a certain range, and the entire machine can even be leveled to function as a flat belt conveyor.

### **Key Capabilities:**

Supports individual goods up to 60kg

Adjustable ramp height adapts to varying vehicle types and dock levels

Easily movable by 1–2 people despite heavy-duty build

### **Operational Benefits:**

Ideal for loading/unloading heavier goods

Flexible for locations with height variations

Combines strength with mobility

# Equipment Features

01

## Convenient to Use



### Front & Rear Sections – Level

Stable platform for easy loading/unloading.

### Middle Ramp – Adjustable Angle

Adapts to different loading heights.

02

## Heavy Load Bearing



**60KG**

The solid frame structure of the entire machine can withstand long-term, frequent loading and unloading of individual items weighing up to 60kg.

## 03 Easy Operation



The RKLOAD-MVL is controlled by electric means for starting, stopping, forward and reverse operation, and adjusting height. It requires no specialized training for operation.

## 04 Safe and Efficient

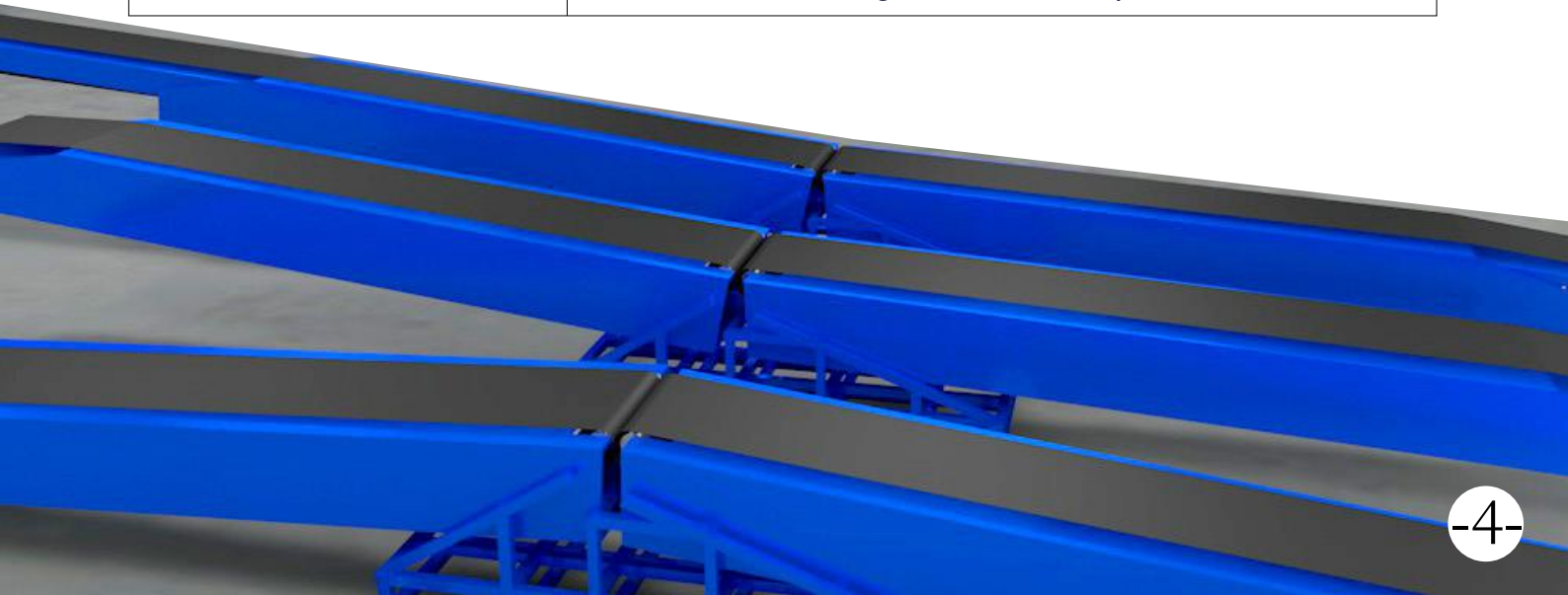


Compact, safe, and efficient – equipped with emergency stop and protective covers.



# Technical Parameters

| Model                              | RKLOAD-MVL-5400                                                                  |
|------------------------------------|----------------------------------------------------------------------------------|
| Equipment Structure                | Flat Operation + Ramp Loading and Unloading                                      |
| Conveyor Height                    | 800-2500 (mm)                                                                    |
| Effective Width                    | 600/800/Customizable (mm)                                                        |
| Conveyor Belt Material:            | PVC Ramp Conveyor Belt / Composite Belt                                          |
| Compatible Item Sizes              | Maximum: 1000*600*600mm / Minimum: 100*80*1mm                                    |
| Drive Type                         | Gear Motor                                                                       |
| Equipment Height Adjustment Method | Electric                                                                         |
| Mobility                           | Manual                                                                           |
| Conveyor Speed                     | 0.2~0.6 (m/s)                                                                    |
| Maximum Load                       | 60 (kg/ m <sup>2</sup> )                                                         |
| Environmental Temperature          | -20~40 (°C)                                                                      |
| Environmental Voltage              | Three-phase Five-wire 380V / Single-phase 220V                                   |
| OEM/ODM                            | Supports customized design and manufacturing according to customer requirements. |



# 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+** m<sup>2</sup>

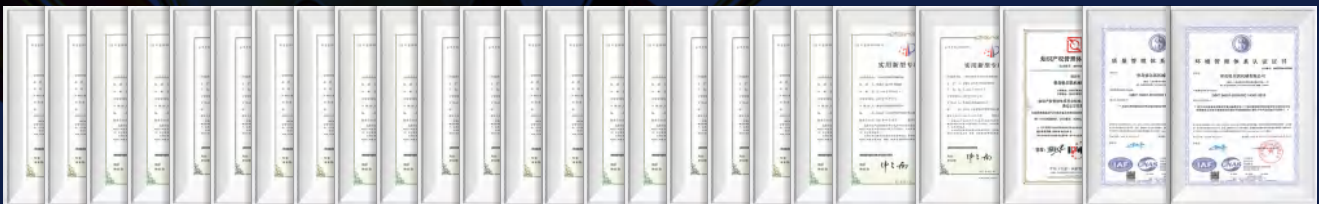
Factory space

**20000+** m<sup>2</sup>

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

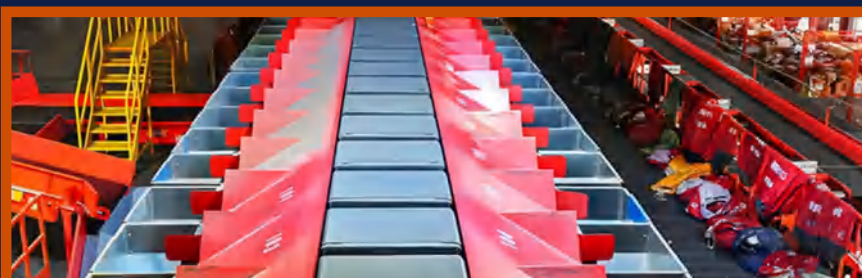


## SWS

Swivel Wheel Sorter

## CBS

Cross Belt Sorter

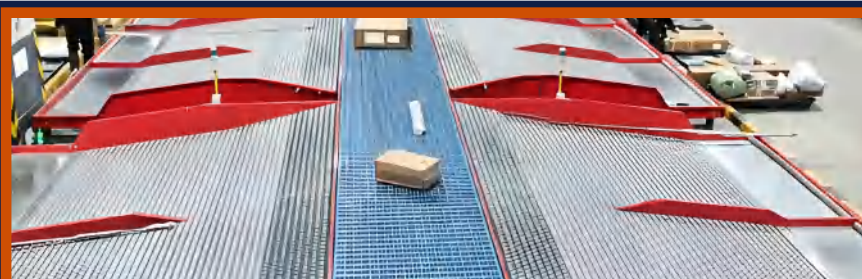


## NBS

Narrow Belt Sorter

## MBS

Modular Belt Sorter





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

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