

### 总部

地址: 深圳市罗湖区人民南路3005号深房广场A座30/34楼 总机: 0755-22652896 传真: 0755-22652876 22654745 E-mail: twsl@twsl.cn 网址: www.twsl.cn 邮编: 518001

生产基地

地址: 广东省东莞市桥头镇桥头桥东路南六街8号 电话: 0769-87000805 87000806 传真: 0769-87000831

北京分公司 地址:北京市大兴区兴华大街三段63号(恒兴俱乐部202室) 电话: 010-69268702 69264252 传真: 010-69230152

华东分公司 地址: 江苏省苏州市吴江区汾湖科创园A2幢302 电话: 0512-63110961

西南分公司 地址:重庆市沙坪坝区天城路12号重庆师范大学5号楼306室 电话: 023-65412146

## 马来西亚服务中心

地址: 15-01, Jalan Molek 1/5A, Taman Molek, 81100, Johor Bahru, Johor, Malaysia 电话: +6011 6863 8688

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## 伸缩式输送成套设备 **Telescopic Conveyor Equipment**







专利号 Patent No.: ZL 2008 2 0189283.9



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## ABOUT Tianwo Shuangli <sup>关于天和双力</sup>

天和双力创建于 1993 年,是一家行业领先的协同智造与物流装备 系统提供商,灯塔工厂践行者,致力于为生产智造、物流配送、公共服务等 领域提供咨询规划、研发设计、软件控制、装备制造、系统集成、安装调试、 客户培训和售后运维的"一站式服务"和"交钥匙工程"。

经过 30 多年的发展,天和双力目前已成为大型的高新技术企业,旗 下设有一家设计研究院、一个生产基地、多家子公司和多个服务中心,同 时设有北京研发中心、北京分公司、苏州分公司、西南分公司及多个驻外 办事机构,形成了覆盖全国的营销、技术及服务网络布局。

天和双力坚持"以客户为中心"的产品和服务理念,基于客户需求和 特定场景提供定制化产品和解决方案。公司核心产品线涵盖智能存储系 统、分拣系统、输送系统、装卸系统、机器人应用、专用设备、工业软件等七 大产品系列。

天和双力立足国内,服务全球。目前,天和双力市场已遍布全球五大 洲,客户行业覆盖汽车及零部件、新能源、邮政速递、电商零售、危废固废、 生鲜冷链、粮食粮油、食品饮料、机场铁路、港口海关、化纤纺织、建材家 居、日化用品、图书出版、工程机械、电子电工、电力电气、军工、医院、医 药、酒类、烟草等几十个行业。

凭借创新的"智能化、信息化、定制化"的智慧物流系统解决方案、 "安全、稳定、可靠"的产品性能以及"全方位、全天候、全域化"的客户服 务,天和双力企业品牌在业内具有广泛的知名度和影响力,已成为生产智 造、物流配送和公共服务领域优选供应商。

Founded in 1993, Tianwo Shuangli is an industry–leading system provider of Equipment and System for Collaborative Intelligent Manufacturing and Logis– tics, as well as a practitioner of Lighthouse Factories. It is committed to provide "One–Stop Service" and "Turnkey Project ", integrating consulting and plan– ning, R&D and designing, software control, equipment manufacturing, system integration, installation and commissioning, customer training and after–sales support in the fields of intelligent manufacturing, logistics distribution and public services.

After 30 years of development, Tianwo Shuangli has become a large–scale high–tech enterprise. It has a design and research institute, a production base, multiple subsidiaries and service centers. It also has a Beijing R&D center, Beijing Branches, Suzhou Branch, Southwest Branch and multiple overseas offices, forming a marketing, technology and service network covering the whole country.

Adhering to the "Customer–Centric" product and service concept, TianwoShuangli provides customized products and solutions based on customer needs and specific scenarios. The company's core product lines covers seven major series, including intelligent storage systems, sorting systems, conveying systems, loading and unloading systems, robot applications, special equipments, and industrial software.

Tianwo Shuangli is based in China and serves the world. At present, Tianwo Shuangli's products have spread all over the five continents of the world. Customers cover dozens of industries, such as automobiles and parts, new energy, postal service, e-commerce retail, hazardous waste and solid waste , fresh cold chain, grain, grain and oil, food and beverage, airport and railway, port and customs, chemical fiber textiles, building materials and home furnishing, daily chemical products, books publishing, construction machinery, electronics and electrical engineering, electric power and electricity, military industry, hospitals, medicine, alcohol, tobacco, etc.

Based on the innovative "intelligent, informative, and customized"smart logistics system solutions, "safe, stable, and reliable" product performance, and "all-round, all-weather, and all-region" customer service, Tianwo Shuangli's corporate brand has a wide range of visibility and influence in the industry. It has become a preferred supplier in the fields of intelligent manufacturing, logistics distribution and public services.

## P01

## HONOR Customers

荣誉客户



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## P02+03

## **PRODUCT** Features and Applications

产品特性及应用范围

伸缩式输送设备是本公司的定型产品之一,伸 缩式输送机主要应用于仓库、速递、邮政、食品、饮 料、医药、医院、机场、港口、码头、烟草等行业领域, 完成物品的传输、装卸工作、极大地提高工作效率, 降低劳动强度,减少货物的损伤率、缩短车船、飞机 的装卸时间。是企业降低产品成本、提高效率和产 品质量的有效设备。

伸缩式输送设备即可单机使用,完成货物的正、 反向输送,也可集成垂直输送机、皮带、滚道、链式输 送机、分拣系统等设备组成完整的立体自动化物流 输送系统,完成从产品的原材料进厂、装配、成品入 库、出库装车等工作。 Telescopic conveyor is one of the approved products in our company. It is generally used in many industries, such as tobacco, port, dock, station, airport, warehouse, express delivery, postal service, food and beverage. It can complete the transmission, load and unload items, improve work efficiency greatly, reduce labor intensity, reduce the damage rate of cargo, and shorten the loading and unloading time of vehicles, ships and aircraft. It is an effective equipment for enterprises to reduce product costs, improve efficiency and product quality.

The telescopic conveying equipment can not only be used as a single machine to complete the forward and reverse conveying of goods, but also form a complete three-dimensional automatic logistics conveying system with the company's vertical conveyor, belt conveyor, roller conveyor, chain conveyor, sorting conveyor and etc., so as to complete the whole process from the raw material's entry, assembly to the inbound and outbound of finished products.

产品特性 Product Features 产品实现标准化、模块化的生产,技术成熟,供货周期短。 Standardization of products, modularization of production, mature technology, short delivery cycle.

有效地降低劳动强度,减少货品损伤,提高产品质量。 Effectively reduce the labor intensity, reduce goods damage, improve product quality.

全自动化操作, 缩短进出库存取货物的时间, 提高工作效率。 With full automatic operation, reduce inventory to take the goods import time, improve work efficiency.

具有良好的安全保护功能,安全可靠性高,方便维护。 Has a good safety protection function, high safety and reliability, convenient maintenance.

单机手动, 单机自动, 联机自动多种操作模式。 Single manual and automatic, on-line automatic multiple modes of operation.

手持遥控器操作,方便远距离控制。 A hand-held remote control operation, convenient remote control.





# **TELESCOPIC** Belt Conveyor

伸缩皮带输送机



Spread Length

规格 Specification	<b>固定段长度</b> Fixed Length	<b>伸缩长度</b> Spread Length	<b>总长度</b> Total Length	<b>皮带宽度</b> Belt Width	<b>最低高度</b> Lowest Height
TBX240	4000	2600	6600	600/800/1000/1200	650
TBX245	4500	3000	7500	600/800/1000/1200	650
TBX250	5000	3500	8500	600/800/1000/1200	650
TBX260	6000	4400	10400	600/800/1000/1200	650

当皮带宽度1200时伸缩长度会适当减少 When the belt width is 1200, the spread length will be appropriately reduced.

## 三节式 Three-section telescopic belt conveyor



	<b>规格</b> Specification	<b>固定段长度</b> Fixed Length	<b>伸缩长度</b> Spread Length	<b>总长度</b> Total Length	<b>皮带宽度</b> Belt Width	<b>最低高度</b> Lowest Height
	TBX345	4500	6000	10500	600/800/1000	600
*	TBX350	5000	7000	12000	600/800/1000	600
	TBX354	5400	7000	12400	600/800/1000	600
*	TBX360	6000	8000	14000	600/800/1000	600
*	TBX370	7000	9600	16600	600/800/1000	600

当皮带宽度1000时伸缩长度会适当减少 When the belt width is 1000, the spread length will be appropriately reduced.

## 四节式 Four-section telescopic belt conveyor



规 Spe				<b>总长度</b> Total Length	<b>皮带宽度</b> Belt Width	<b>最低高度</b> Lowest Height
TBX	450	5000	9600	14600	600/800/1000	750
TBX	454	5400	10500	15900	600/800/1000	750
TBX	460	6000	12600	18600	600/800/1000	750
TBX	465	6500	13500	20000	600/800/1000	750
TBX	470	7000	14600	21600	600/800/1000	750
TBX	475	7500	16500	24000	600/800/1000	750
TBX	480	8000	17500	25500	600/800/1000	750

## 五节式 Five-section telescopic belt conveyor

\*



	<b>规格</b> Specification	<b>固定段长度</b> Fixed Length	<b>伸缩长度</b> Spread Length	<b>总长度</b> Total Length	<b>皮带宽度</b> Belt Width	<b>最低高度</b> Lowest Height
	TBX550	5000	12000	17000	600/800	900
	TBX554	5400	13600	19000	600/800	900
*	TBX560	6000	16000	22000	600/800	900
	TBX570	7000	19000	26000	600/800	900
*	TBX575	7500	21000	28500	600/800	900

当皮带宽度1000时伸缩长度会适当减少 When the belt width is 1000, the spread length will be appropriately reduced.

以上为标准型,标准型制造周期短,请尽量选用标准型

The above is the standard type with short production cycle. Please try to choose the standard type

## P06+07

# **TELESCOPIC** Belt Conveyor

伸缩皮带输送机

## 伸缩机功能扩展 Expansion of the telescopic machine function



### 可移动式伸缩机,该设备可以全方位移动,满足多个地点的装卸货物需求。

Movable telescopic conveyor can move in various directions, meeting loading/unloading needs in different places.

### 前端可升降 Front Adjustable



### 液压升降机构:该机构可以解决月台高度不足的现象,可以满足对不同高度车型的装卸货需求。该机构组装拆卸简单,便于设备后 期,固定式与升降式的互相转换。

Hydraulic lifting mechanism: This mechanism can solve the problem of insufficient height of the platform, and can meet the loading and unloading needs of vehicles with different heights. The mechanism is easy to assemble and disassemble, and is convenient for the mutual conversion between the fixed type and the lifting type in the later stage of the equipment.



### 驼峰式伸缩机:可改变尾部皮带机对接的位置,皮带机与驼峰尾端改向滚筒对接,有效缩短皮带机占用场地长度方向位置,为客户 节省场地面积。驼峰组件为外挂式组件,可以拆卸和增加。

Hump-type telescopic conveyor: It can change the docking position of the tail belt conveyor. The belt conveyor is docked with the reversing roller at the tail end of the hump, effectively shortening the position of the belt conveyor in the length direction of the site and saving the site area for customers. The hump component is an external component, which can be removed and added.



### DWS系统:可对输送物扫码、测量体积、称重功能。这三种功能可以在伸缩机段完成,能有效节省设备占用场地的面积。 DWS system: It can scan the code, measure the volume and weight of the conveyed objects. These three functions can be completed in the lescopic machine section, which can effectively save the site area occupied by the equipment



前端带摆臂皮带机:再加伸缩机前端升降机构就可以同时满足小型车辆和大型车辆的装卸车需求。

## TBX550编号说明(Discription):



## 售后服务 After-sale Services

物流设备和系统的使用性和成本的效率实现,本质上依赖于设 备的长期性和可靠性,天和双力敢于接受这些挑战,在设备和系统的 整个周期里为客户提供高效的支持,这就将意味着系统的使用周期 将大大延长,运行成本降到最低而投资回报却显得增加,客户支持是 天和双力于客户保持终身伙伴关系的关键所在,通过在系统整个使 用周期内提供下列强有力的支持,我们确保客户获得最大限度的投 资回报。

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Belt conveyor with swing arm on front end: coupled with the front-end lifting mechanism of the telescopic conveyor, it can meet the loading and unloading needs of small vehicles and large vehicles simultaneously.

Fixed Length 5000

Section: such as 2/3/4/5 sections

Belt Width: 600/800/1000/1200

TWSL Standard type

The realization of the usability and cost efficiency of logistics equipment and systems essentially depends on the long-term and reliability of the equipment. Tianwo Shuangli dares to accept these challenges and provide customers with efficient support throughout the entire cycle of equipment and systems. It means that the service life of the system will be greatly extended, the operating cost will be minimized and the return on investment will appear to increase. Customer's support is the key to Tianwo Shuangli's lifelong partnership with customers. By providing the following during the entire service life of the system with strong support, we ensure that customers get the maximum return on investment.

