

SpeedShuttle

Speed up your logistics



密集存储系统解决方案

四向多层箱式穿梭式系统解决方案

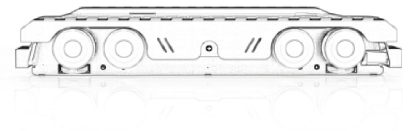
Four-way Multi-level Shuttle System

SPEEDLOG 史必诺®

研发制造商

上海史必诺物流设备有限公司

www.speedlog.com.cn



走进史必诺[®] Speedlog[®] Overview

上海史必诺物流设备有限公司 (Speedlog) 深耕物流装备行业二十余载，专注提供物流解决方案、物流系统集成类软硬件设施及各种货架系统；以品质卓越、技术创新和服务一流享誉全球，已广泛服务于制造、物流、冷链、零售、电商等多个行业，致力于成为客户的空间智能管理专家。总部位于上海的史必诺 Speedlog，依托于专业的研发技术团队和规范化管理的制造中心，打造了多项自主产权研发专利及产品，立足上海，辐射全球，在国内 5 个主要城市设立了办事处(北京、西安、武汉、重庆、广州)，并每年向全球 60 多个国家及地区出口超过 1000 个集装箱的产品。所有史必诺 Speedlog 产品的设计及制造等均严格遵照欧洲 FEM 标准、CE 认证及澳大利亚全新标准 AS4084:2012 和美国 RMI 标准。

Shanghai Speed Logistics Equipment Co., Ltd(Speedlog) have been in logistics equipment industry for more than 20 years, dedicating to provide logistics solutions and logistics systems integration of hardware and software facilities, world-renowned with quality excellence, technological innovation and first-class service. Its product has been widely used in manufacturing, logistics, cold chain, retail, electricity and other industries and committed to become space intelligent management experts. Headquarter is located in Shanghai and we have been creating a number of independent property patents and products by relying on the professional research development team and standardized management of the manufacturing center. Based in Shanghai, facing to global world. We have been setting up branch offices in five major cities in China (Beijing, Xi'an, Wuhan, Chongqing, Guangzhou) and export more than 1,000 containers to 60 countries and regions each year. All Speedlog products are designed and manufactured strictly in accordance with the European FEM, CE standards and the new Australian standard AS4084: 2012 and the United States RMI standards.

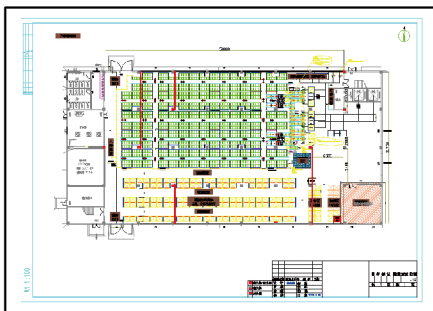


上海制造基地 Shanghai Manufacturing Base



研发中心 R&D Center

我们能给您的：专业的一站式仓储解决方案 We offering professional one-stop storage solution

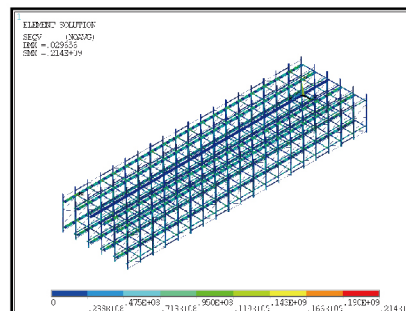


方案设计

根据客户需求，为客户提供详细的布局及物流解决方案。

Solution design

Make detailed solution design base on client's requirement.



力学分析

根据 AS4084 和 FEM 的规范，结合专业力学软件，进行合适的选型和力学计算。

Mechanical analysis

Provide mechanical calculation&model selection according to AS4084 & FEM standard.



3D 模拟

利用 3D 模拟软件，为客户 1:1 模拟真实的效果图，必要时，制作 3D 动画，带来更直观的效果。

3D simulation

Providing customers with 1:1 simulation renderings by using 3D modling software,can provide 3D animation for certain jobs to bring more intuitive visual effect.



现场交付

科学的现场管理，包括安装、调试、培训等，最后交付给客户使用。

Onsite handover

Scientific site management including installation,commissioning,training etc. Then handover to customer for use.



四向多层箱式穿梭车

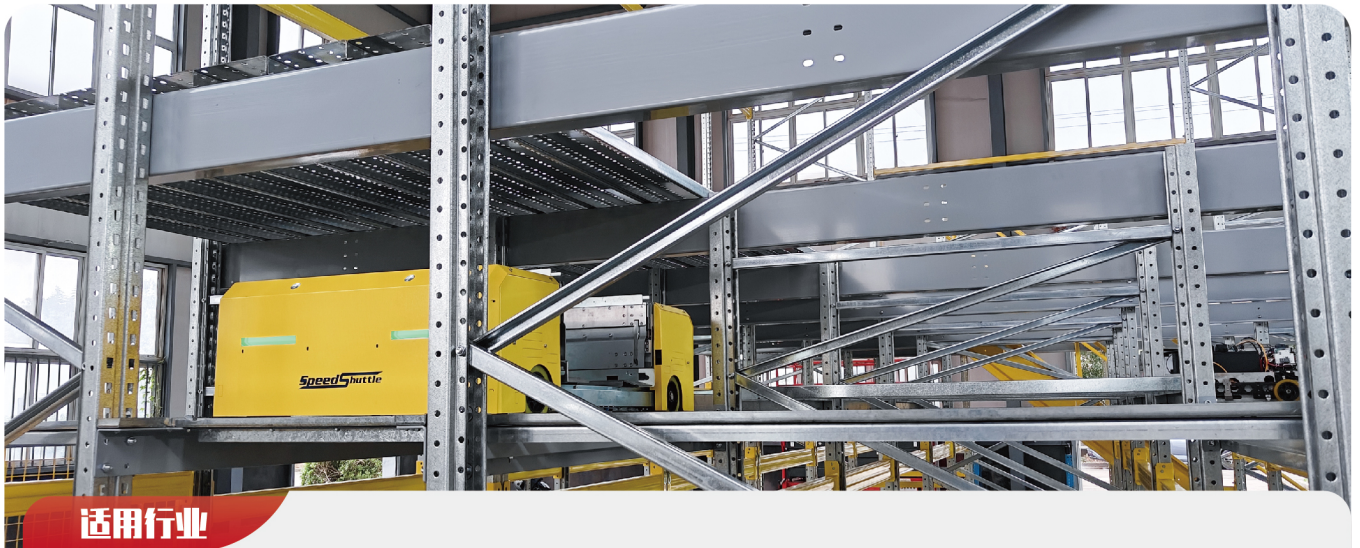
Four-Way Multi-level Shuttle System

史必诺自主研发的四向多穿小车是一种智能型自动搬运小车。拥有完全的自主知识产权。

四向多穿小车相比两向多穿小车,可以在货架的 X 轴和 Y 轴方向行走,更灵活的搬运货物,但同时,四向多穿小车损耗了一些效率。

The four-way multi-level shuttle system independently developed by Speedlog is an intelligent automatic material handling equipment with complete intellectual property rights.

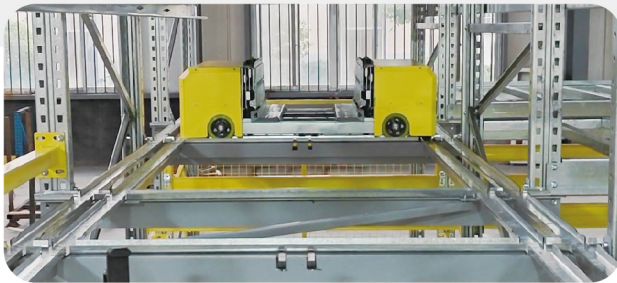
Compared with 2-way multi-level shuttle cart, four-way shuttle can walk in the X and Y axis direction of the rack track. It's more flexible to handle the good, but lose some efficiency.



适用行业

适用于效率中等,多SKU,小批量,纸箱或料箱存储形式,需要快速拣选的场景。

It's suitable for medium efficiency, multi-SKU, small batches, carton or bin storage forms that require fast picking.



多穿库前输送线

Conveyor line





- 1 四向多穿货架 Guide Rail Bracing
- 2 四向多穿小车 For-Way Multi-level Shuttle
- 3 三合一提升机 3-in-1 elevator
- 4 输送线 Conveyor Line



四向多穿小车是行走于货架导轨上自动存取货物的自动化设备，它主要由车体和伸缩叉组成。

Four-way Multi-layer shuttle is automatic equipment running on the rack rail which can automatically picking goods. It is mainly composed of the shuttle cart and telescopic fork.

四向多穿小车常用参数

Specification of multi-level 4-way shuttle cart

匹配料箱尺寸范围

Match the size of carton

料箱尺寸范围H大于100mm，宽和深标准的400x600mm，可定制

If carton size range H bigger than 100mm, width and depth is standard 400x600mm, it can be customized

载重

Load

标准载重30KG，最大50KG

Standard load 30KG, maximum

横向行走最大速度

Lateral travelling speed

$\geq 4M/S$

纵向行走最大速度

Longitudinal travelling speed

$\geq 2M/S$

换向时间

Direction change time

$\leq 3.5S$

定位方式

Positioning mode

二维码/RFID+孔

QR code /RFID+ hole

定位精度

Positioning Accuracy

$\pm 2mm$

控制方式

Control Mode

PLC

充电方式

Charging mode

在线充电

On-line charging

运行环境温度

Operating ambient temperature

0-45°C

噪音

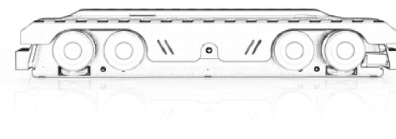
Noise

$\leq 75dB$

自重

Self-weight

150KG



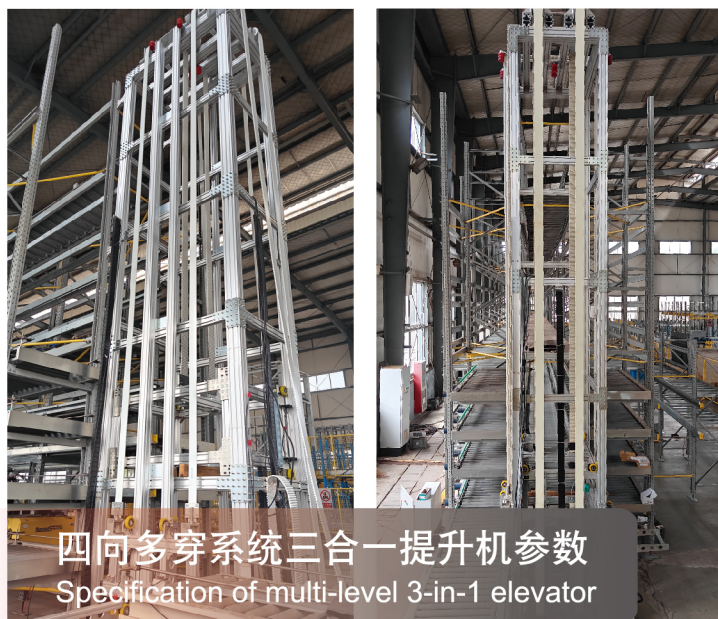
三合一提升机

3-in-1 elevator

多穿系统的提升机一般位于多穿库区的前端,用于提升货物,和库前输送线进行对接。史必诺自主研发的提升机,可以兼顾提升料箱、纸箱和多穿小车车体,多种功能合而为一,能大大减少提升机的数量,降低成本。

The four-way multi-level shuttle system independently developed by Speedlog is an intelligent automatic material handling equipment with complete intellectual property rights.

Compared with 2-way multi-level shuttle cart, four-way shuttle can walk in the X and Y axis direction of the rack track. It's more flexible to handle the good, but lose some efficiency.



四向多穿系统三合一提升机参数
Specification of multi-level 3-in-1 elevator

匹配料箱尺寸范围

Match the size of carton

料箱尺寸范围H大于100mm,宽和深标准的400x600mm,可定制

If carton size range H bigger than 100, width and depth is standard 400x600, it can be customized

换层载重

Layer changing load

200kg

料箱载重

Carton load

标准载重30KG,最大50KG

Standard load 30KG, maximum 50KG

换层最大速度

Layer changing speed

0.6M/S

定位精度

Positioning Accuracy

+/-2mm

料箱提升最大速度

Carton lift speed

1.5M/S

噪音

Noise

≤75dB

总功率

Gross power

15KW

运行环境温度

Operating ambient temperature

0-45°C

史必诺多穿小车优势

Advantage of Speedlog multi-level shuttle system

自主研发,自有知识产权,售后有优势。

Independent R&d, own intellectual property rights, after-sales advantages.

有丰富的出口经验,可以支持客户布局海外市场。

Rich export experience, can support customers to layout overseas markets.

可以远程诊断,远程程序升级,可以做数据的云采集。

Remote diagnosis, remote program upgrade, and cloud data collection can be done. advantage.

可以和其他自动化设备或仓储ERP对接,有自己的专业软件团队,可帮助客户从半自动化到全自动化的升级。

It can connect with other automation equipment or warehouse ERP, and has its own professional software team to help customers upgrade from semi-automation to full automation.

提升机可同时提升料箱和小车车体,更少的占用空间,有成本优势。

The elevator can lift the material box and car body at the same time, with less space and cost advantage.



上海史必诺物流设备有限公司
Shanghai Speed Logistics Equipment Co., Ltd

Speed up your logistics

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