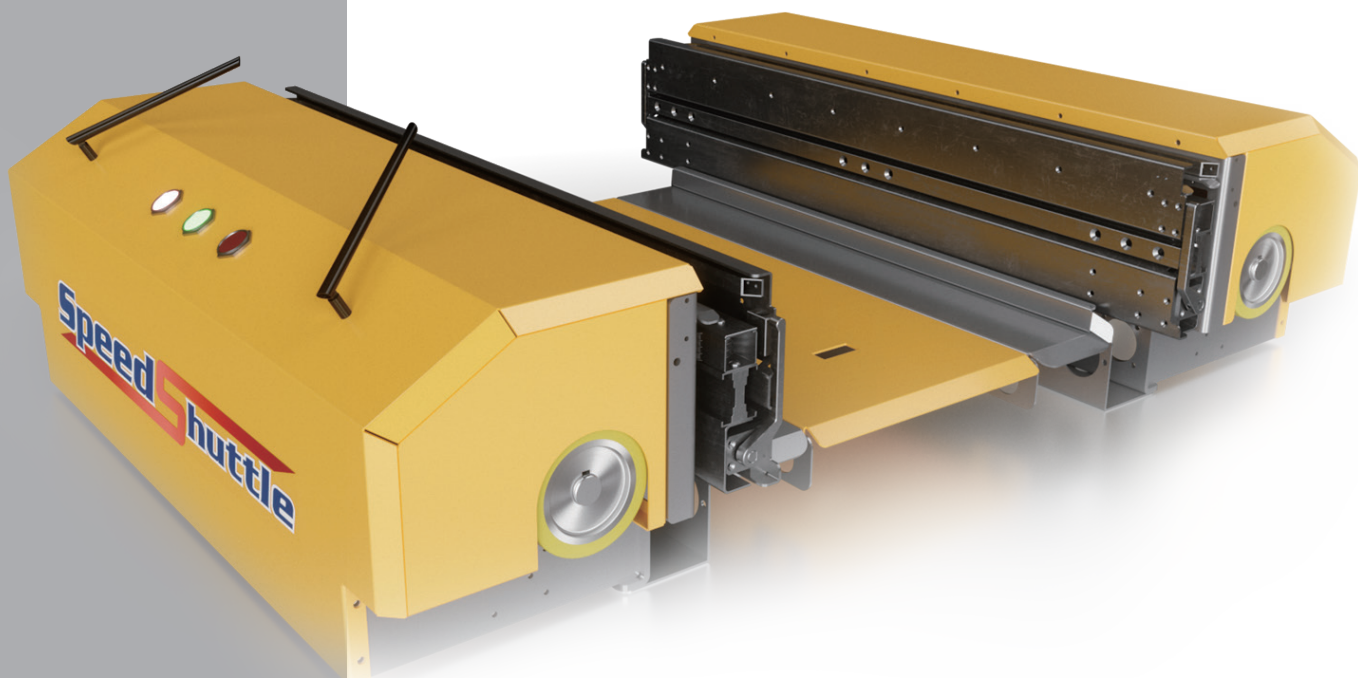


Speed Shuttle

Speed up your logistics



密集存储系统解决方案

多层箱式穿梭式系统解决方案

Multi-layer Shuttle Rack 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.

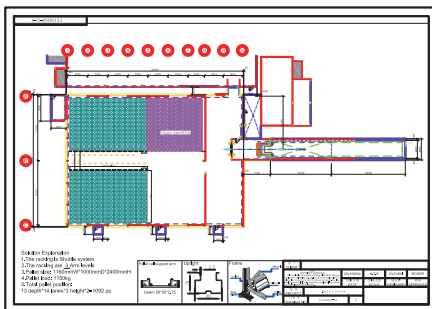


上海制造基地 Shanghai Manufacturing Base



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

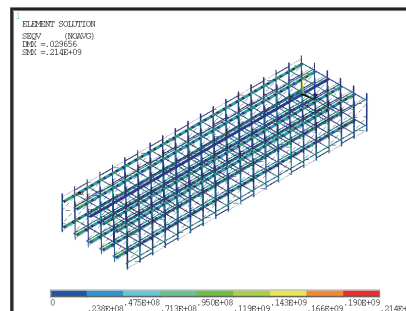


方案设计

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.



多层箱式穿梭车 Multi-layer Shuttle Rack System

箱式多穿系统一般由货架,多穿小车,料箱提升机,小车换层提升机,输送线等设备组成,结合 WCS/WMS,形成全自动化仓储系统。

Multi-layer Box Shuttle System generally consists of Racking, Box Shuttle, Box Elevator, Shuttle Elevator, Conveyor and other equipment, combined with WCS/WMS to form a fully automated storage system.

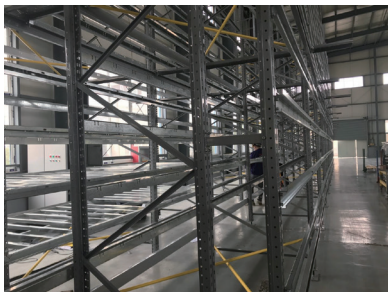
Rack for multi-layer shuttle consists of frame, horizontal bracing, guide rail, rail bracing and adjustable baseplate. Shuttle is running on the guide rail and put cargo on the designated location of rail bracing. It requires high manufacturing and installation precision of rack.



适用行业

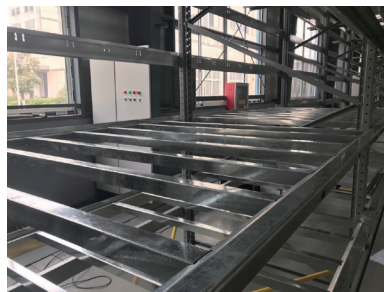
多穿小车系统适用于多SKU,小批量,纸箱或者料箱存储形式,需要快速拣选的场景。
广泛应用于电商,快消,第三方物流等行业。

Multi-layer Shuttle system applies to industry with multiple SKU, small volume, box or bin storage type that needs fast picking and sorting. It's widely used in e-commerce, FMCG, third-party logistics and other industries.



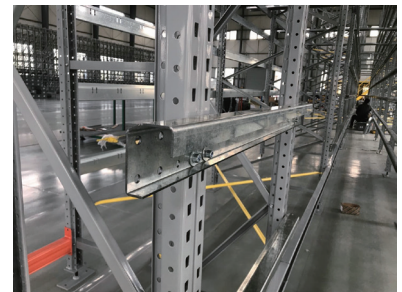
多穿门片及拉杆

Frame&Bracing industries.



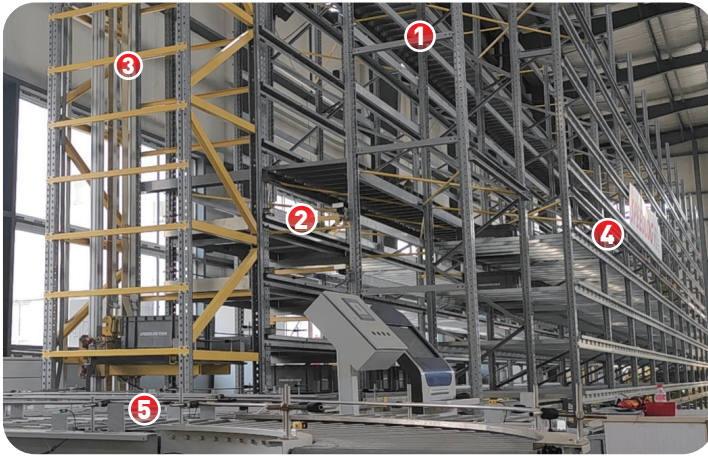
导轨支撑

Guide Rail Bracing

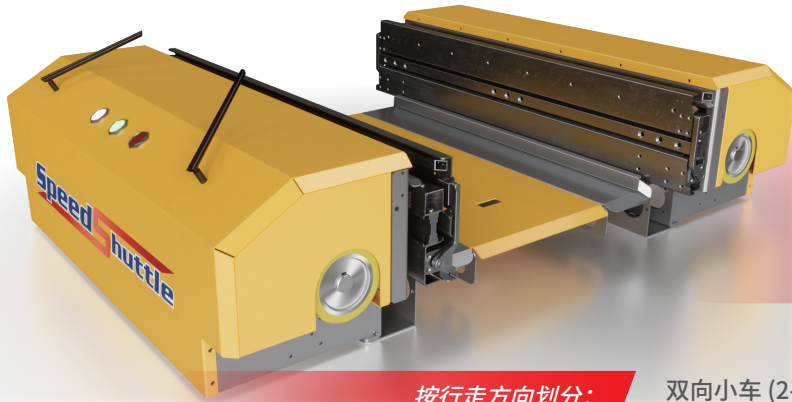


多穿导轨

Guide Rail



- 1** 多穿货架 Guide Rail Bracing
- 2** 多穿小车 Multi-layer Shuttle
- 3** 料箱提升机 Box Elevator
- 4** 小车换层提升机 Shuttle Elevator
- 5** 输送线 Conveyor Line



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。

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.

按行走方向划分:

双向小车 (2-way shuttle) / 四向小车 (4-way shuttle)

Classified by running direction:

按取货深度划分:

单深度小车(Single-depth shuttle) / 双深度小车(Double-depth shuttle)

Classified by running direction:

载重
Load

0-50KG

通讯方式

Communication Mode

无线通讯

wireless communication

行走速度

Running Speed

4m/s

供电方式

Power Supply

锂电池

lithium battery

行走加速度

Running Accelerated Speed

2m/s²

控制方式

Control Mode

PLC

定位精度

Positioning Accuracy

+/-2mm

噪音

Noise

DB<80

料箱输送线介绍

Box Conveyor Line Introduction



周转箱 Containers

外观优选浅色, 亚光

尺寸只能做小车允许尺寸的负偏差

箱子采用优质耐磨材料
底部平整, 承载以后变形小

Appearance preferred light color in matte
Size can only be the negative deviation of shuttle allowed size.
Made of high-quality wear-resistant material, with a flat bottom and small deformation after loaded.



辊筒输送线
Roller conveyor



顶升移栽机
Lifting transplanter



皮带输送线
Belt Conveyor



弯道输送机
Bent Conveyor



纸箱 Carton

纸箱质量好, 承载以后变形小

尺寸只能做小车允许尺寸的负偏差
不能突出

注意: 由于纸箱容易受潮和变形
仓储环境不好的情况下不推荐用纸箱

Good quality, small deformation after loading
Size can only be the negative deviation of shuttle allowed size and cannot be prominent.
Note: as cartons are easily get damp and deformed, it is not recommended to use cartons in a bad storage environment

普通搁板货架
Selective Pallet Rack

miniload 立库
Mini-load ASRS

多层箱式穿梭车立库
Multi-layer Box Shuttle ASRS

布局图
Layout



存储量
Storage Capacity

低
Low

高
High

高
High

自动化
Automation

非自动化
Non automatic

全自动
Full Automatic

全自动
Full Automatic

效率
Efficiency

低
Low

中
Mid

高
High

单台设备
依赖程度
Dependence of
Single equipment

无(人工)
No (man power)

高
High

低
Low

人力成本
Labor Cost

高
High

低
Low

低
Low



上海史必诺物流设备有限公司

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Speed up your logistics

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