

SpeedShuttle

Speed up your logistics



密集存储系统解决方案

穿梭式&子母穿梭式货架系统

Dense Storage System Solution

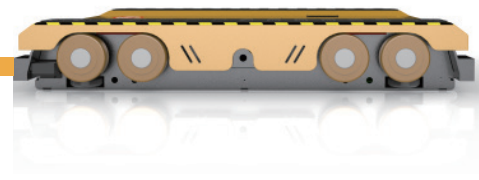
Shuttle & Shuttle Carrier Racking System

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

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，打造了多项自主知识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。

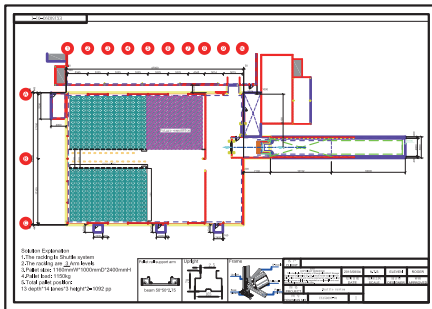


上海制造基地 Shanghai Manufacturing Base



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

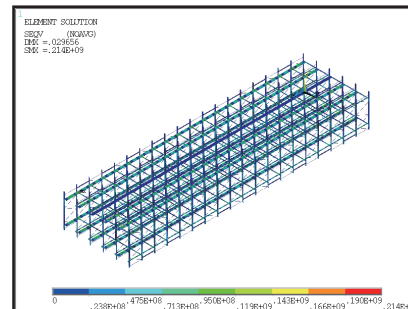


方案设计

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.

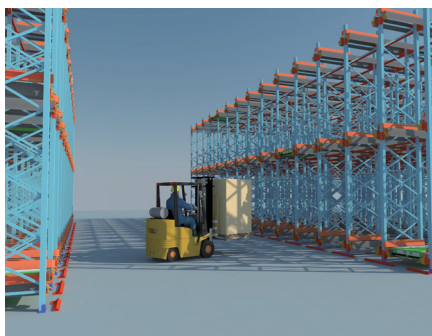


力学分析

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.



穿梭式货架系统简介

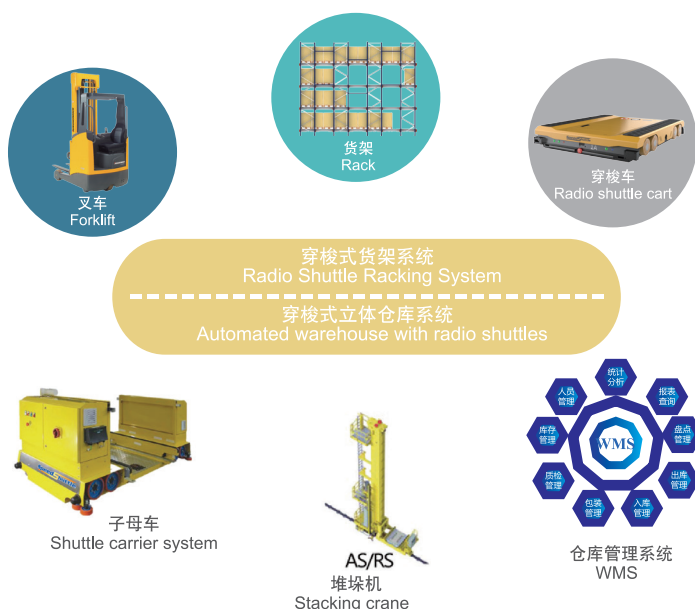
Radio Shuttle Racking System Introduction

Radio shuttle system is a high density storage system which is constructed by racking,remoted radio shuttle and forklift. The shuttle cart with pallet move in the track back and forth for transportation, forklift pick up in the end. The high efficient storage solution bring new options on improving warehouse space utilization.

Based on the features of the shuttle cart,combined with shuttle carrier,stacker, WMS etc., The system can be turned into small and medium sized shuttle warehouse system.

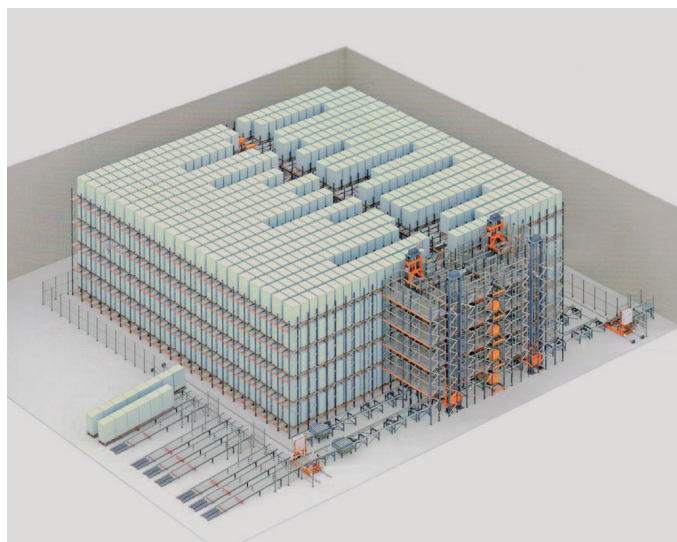
穿梭式货架系统是一种由货架、遥控穿梭车及叉车组成的高密度存储系统。穿梭车带着托盘在轨道中来回运输，叉车在端头取货，这种高效率的存储方式为提高仓库空间利用率带来新的选择。

利用穿梭车本身的特性，结合子母车、堆垛机、仓库管理系统（WMS）等，该系统又可变身成为中小型的穿梭式立体仓库系统。



子母穿梭式货架系统简介

Shuttle Carrier System Introduction

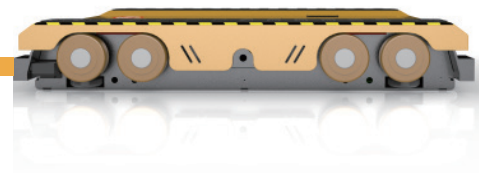


Shuttle carrier system solution is composed of a number of radio shuttle racking, radio shuttle, shuttle carrier, lifter, conveyor and etc equipments. To fulfil the full automatic operation by using WCS/WMS controlling systems.

This auto system cancelled forklift aisle and auxiliary space, which greatly enhanced material dense storage in the warehouse, saved the time to fork the materials, lightened workers' time and workload, satisfied customer's requirements on the high density storage and high efficiency access.

子母穿梭式货架系统解决方案由一定数量的子车货架，穿梭子车、母车、提升机、输送机等设备组成，通过WCS/WMS控制系统实现全自动化操作。

此自动化系统取消了叉车通道和辅助空间，极大的提高仓库内物料的高密度存储、节省了叉车存取物料的时间、减轻了工人的工作时间和强度，满足了客户对物料高密度存储和高效率存取相结合的要求。



穿梭式货架系统特点

Radio Shuttle Racking System Features

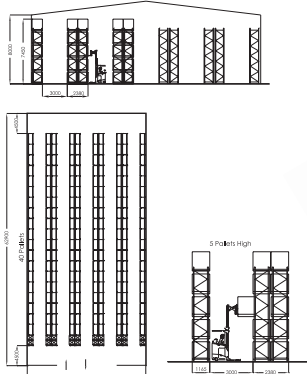
1. 简单、易行, 是仓库自动化改造的首选 Simple and easy



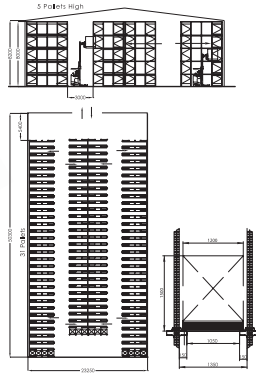
2. 密集存储 Dense storage

- ◆ 极高的空间利用率, 由传统标准型货架的40%提升到80%
High space utilization, from conventional racking 40% improve to 80% utilization
- ◆ 自动存取货效率是驶入式系统的2-3倍
Automatic order picking efficiency doubled or tripled compare to drive in system

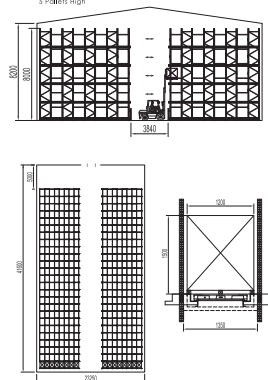
SELECTIVE PALLET RACKING 标准型托盘货架系统



DRIVE-IN PALLET RACKING 驶入式托盘货架系统



RADIO SHUTTLE SYSTEM 穿梭式货架系统



穿梭式货架系统适用的产品类型及行业

Applicable products & industry

穿梭式货架系统适用于以下产品类型
Shuttle racking suitable for below product types

- ◆ 产品品种(SKU)适中 Moderate SKU
- ◆ 产品批量大 Big production batch
- ◆ 进出库频率高 High input & output frequency

穿梭式货架系统应用于以下行业
shuttle racking suitable for below industries

- ◆ 冷链行业 Cold chain industry
- ◆ 食品饮料行业 Food beverage industry
- ◆ 酒类行业 Liquor industry
- ◆ 医药医疗行业 Pharmaceutical industry
- ◆ 物流行业 Logistics industry
- ◆ 化工行业 Chemical industry

- ◆ 人力成本大幅下降
Substantial decline on labor cost



- ◆ 大宗商品行业 Commodity industry
- ◆ 快消品行业 FMCG industry
- ◆ 纸业 Paper industry
- ◆ 包装行业 Packaging industry
- ◆ 生鲜果蔬行业 Fresh fruits & vegetables industry



子母穿梭式货架系统特点 Shuttle Carrier Racking System Features

Shuttle carrier racking system is composed of a number of radio shuttle, shuttle carrier, racking, lifter, conveyor, WCS/WMS etc. It have many notable features:

1. Full automation, 24 hours operation
2. Dense storage, greatly enhance utilization of the space
3. Reduce the requirements of the warehouse height, loading capacity
4. Realize the logistics optimism operation by using WMS system

子母穿梭式货架系统主要由子车, 母车, 货架, 输送线, 提升机, WCS/WMS 组成, 它具有如下显著特点:

1. 可实现全自动化, 24 小时作业
2. 密集存储, 空间利用率得到极大提高
3. 对仓库的高度, 承载等要求降低
4. WMS 系统可实现物流的最优化操作

优势

Advantage

	普通托盘货架 Selective pallet rack	穿梭板 Shuttle rack	子母车 Shuttle carrier
布局图 Layout			
面积 Area	3500平米 3500 square meters	3500平米 3500 square meters	3500平米 3500 square meters
托盘货位 Pallet No	3648托盘位 3648pcs pallets	6100托盘位 6100pcs pallets	6500托盘位 6500pcs pallets
自动化 Automation	非自动化 Non-automation	半自动 Semi-automation	全自动 Fully automation
人力成本 Labor Costs	高 High	中 Medium	低 Low

软件系统

Software system

Speed-WMS means for Speedlog Warehouse Management.

- Integrated industry-standard WMS and WCS common functions
- Fast and efficient logistics information solution
- Support automation warehouse and warehouse technology
- Powerful extensions function and more third-party logistics equipment
- Configurable business processes to meet the needs of different customers
- Customize the development of new functional modules according to customer requirements
- Informative management of each link in the logistics to enhance efficiency and cost savings

SpeedWMS 是史必诺智能仓储管理系统 Speedlog Warehouse Management 的简称

- 集成了行业标准的 WMS 和 WCS 通用功能
- 快速高效的物流信息化解决方案
- 同时支持自动化立库与平库技术
- 强大的扩展功能, 支持更多第三方物流设备
- 可配置的业务流程满足不同客户的需求
- 根据客户需求定制开发新的功能模块
- 信息化管理物流中每个环节提升效率节约成本

子母穿梭式货架案例 Shuttle Carrier Cases





上海史必诺物流设备有限公司

Shanghai Speed Logistics Equipment Co., Ltd

Speed up your logistics

咨询热线：800-820-8363 021-51876364

上海市浦东新区浦东南路2240号永业商务楼12楼 邮编：200127

TEL: 0086-21-51876301 FAX:0086-21-51876819 E: info@speedlog.com

12F,YongYe Building, No.2240 South Pudong Road. Pu Dong New District, Shanghai, P.R.China Zip: 200127 Version:2023.V1.3



微信公众号：SpeedlogGroup