SIASUN

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移动机器人系统及解决方案

Mobile Robot +
System & Solutions



新松机器人自动化股份有限公司
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新松服务号

新松订阅号

新思维 New Thinking | 新目标 New Targeting | 新征程 New Striving

新松机器人自动化股份有限公司（以下称松成立于 2000 年），是一家以机器人技术为核心的高科技上市公司。作为中国机器人领车企业及国家机器人产业化基地，新松拥有完整的机器人产品线及工业 4.0 整体解决方案以创新、开放和共赢的思维引领行业进步以领先的产品和服务为全球客户持续创造价值。新松本部位于沈阳，在上海设有国际总部在沈阳上海杭州、青岛、天津无锡建有产业园区同时新松积极布局国际市场，在全球设立六大研发机构，在韩国、新加坡泰国、香港等地设立多家控股子公司，现拥有 4000 余人的研发创新团队，形成以自核心技术核部件核心产品及行业系统解决方案为一体的全产业价值链。

作为中国机器人产业头雁，新松已创造了百余项行业第一。成功研制了具有自主知识产权的工业机器人、协作机器人、移动机器人、特种机器人、服务机器人五大系列百余种产品，面向智能工厂、智能装备、智能物流、半导体装备、智能交通，形成十大产业方向，致力于打造数字化物联新模式。产品累计出口 30 多个国家和地区，为全球 3000 余家国际企业提供产业升级服务。

新松紧抓全球新一轮科技革命和产业变革契机，发挥人工智能技术的赋能效应，以工业互联网、大数据、云计算、5G 网络等新一代尖端科技推动机器人产业平台化发展，打造集创新链、产业链、金融链、人才链于一体的生态体系。聚焦核心技术，共享智能时代。

智慧新松，创领未来！

SIASUN is a high-tech listed enterprise , which was established in the year of 2000 and takes robotic technology as the core. As the leading enterprise in Chinese robotic industry and National Engineering Center on Robotic, SIASUN has the most comprehensive robotic product lines and industry 4.0 overall solution, and provides products & services to create continuous values for customers around the world, to lead the develop of industry based on innovative, open and win-win thinking. SIASUN group HQ locates in Shenyang international HQ locates in Shanghai. With industrial parks established in Shenyang, Shanghai, Hangzhou, Qingdao, Tianjin and Wuxi, SIASUN has complete its national R&D and service network. In the meantime, SIASUN started to explore global market-6 R&D centers are established globally and branches are setup in Chinese Hong Kong, Singapore, South Korea and Thailand, etc. The whole group has more than 4,000 R&D talents, and has formed a whole industrial value chain consists of core technologies, core components, leading products and industry solutions. As the leading enterprise in Chinese robotic industry, SIASUN has a unique advantages on providing digital manufacturing solutions. It has independently developed hundreds kinds of robot products belonging to five series(namely industrial robot, collaborative robot, mobile robot, special robot and service robot), and five intelligent integrated system divisions (namely smart factory, intelligent equipment, intelligent logistics, semiconductor equipment and intelligent transportation). SIASUN has provided industrial updating services to more than 3,000 international enterprises. Products have been exported to more than 30 countries and areas.

SIASUN will catch the opportunity of technological revolution and industrial transformation in the world and take full advantage of AI, to push the fast development of robotic industry based on cutting-edge technologies such as big data, supercomputing, 5G, brain science. SIASUN has formed an ecosystem consisted of Innovation Chain, Industry Chain, Finance Chain and Talents Chain, and increasing customers'core competitiveness and pushing forward the intelligent updating of industry. Focuses on core technologies and leads the trend of development, SIASUN is committed to bring the era of intelligence to every industry and everyone.

Smart SIASUN Lead future!





智能AGV自动化系统
Intelligent AGV Automatic System

新松公司作为“机器人国家工程研究中心”、“国家 863 计划智能机器人主题产业化基地”和科技部命名的“国家高技术研究发展计划成果产业化基地”，新松（原中科院沈阳自动化研究所早在 20 世纪 70 年代末 80 年代初，就开始了对 AGV 基础性技术研究，AGV 产品走向市场是在 1991 年承接某客户“总装车间发动机油箱、后桥 AGV 及副环线装配系统”项目。从 2007 年开始，拥有自主知识产权的新松 AG 产品开始批量出口到美国、加拿大、俄罗斯、韩国、印度等国外市场，开创了国产机器人出口的先河。

新松 AG 以用户需求为产品原则为用户量身定制个性化解决方案为宗旨，形成系列化、多型号的 AGV 产品新松 AGV 支持电磁导航、磁带导航、激光导航等多种导航方式，供电方式分为电池供电及感应供电如今新松的 AGV 产品已经走上了产业化发展道路，广泛应用于汽车制造、机械加工、电子、纺织、造纸、医药、卷烟、食品、图书出版等行业。

As the National Engineering Research Center on Robotics, Robot Industrialization Base of the National 863 Program and Achievement Industrialization Base of the National Hi-Tech R&D Program(given by The Ministry of Science and Technology of the People's Republic of China), SIASUN has started AGVs fundamental research at the end of 1970s. Along with the completion of project "AGV assembly system for motor, fuel tank and rear axle in general chassis plant" in 1991, SIASUN AGVs have successful stepped into market. From the year of 2007, SIASUN AGVs that with self-prop- erty right have been batch exported to America, Canada, Russia, Korea, India, etc. which has rewritten the history of domestic robots on SIASUN places customer needs as the product principle by providing custom solution, and develops different types of AGVs. SIASUN AGVs support different ways of navigation:electronic magnetic navigation, magnetic tape navigation: electronic magnetic navigation, magnetic tape navigation and laser target navigation,etc. Power supply mode can be battery or inductive power Transfer(IPT). Now SIASUN AGVs have entered industrialization period these days. SIASUN AGVs are extensively be used in the fields of automobile manufacturing, machining, electro, spinning, papermaking, medicine, tobacco, food and publishing.

目录Index >>>

01	公司简介	SIASUN Introduction
02	智能AGV自动化系统	Intelligent AGV automatic system
03	搬运型AGV	Transport AGV
07	装备型AGV	Assembly AGV
11	叉车型AGV	Forklift AGV
12	重载型AGV	Heavy-duty AGV
13	货架型AGV	Shelves Sorting AGV
14	复合型型AGV	Compound AGV
15	非接触式供电	Inductive Power Transfer AGV
16	国际合作	International Corporation
17	出口项目	International Projects
18	国外应用案例	Overseas Applications
19	殷切期望	Concern & Expectation
20	企业荣耀	Enterprise Honor
21	我们的服务	Our Service
22	逾百家尊贵客户	More than one thousand valued customers

搬运型 AGV
Transfer

应用案例 Application Cases

发动机测试间运输型LGV Transport LGV in engine Testing Room

柴油机辊道移载搬运型AGV是新松公司根据柴油机测试车间物料输送的实际要求而开发设计的系列产品。其运行控制采用新松标准的AGV控制模式，驱动方式采用双舵轮驱动实现AGV全方位运行，导航方式采用激光导航，根据负载大小形成系列产品。

SINSUN Transport AGV (Roller Convey) for Diesel Engine is designed to move loads in diesel testing room, which adopts SIASUN standard AGV control mode, laser navigation and two steering wheel driving mode to realize omni-directional movement. It can be custonm made according to the load.



应用于潍柴动力股份有限公司现场
AGVs applied in Weichai Power



应用于潍柴动力股份有限公司现场
AGVs applied in Weichai Power



应用于中国重汽济南动力有限公司现场
AGVs applied in SINOTRUK Jinan Power CO.,LTD



应用于广西玉柴动力公司现场
AGVs applied in Guangxi YUCHAI Power Machinery CO.,LTD

搬运型 AGV
Transfer

应用案例 Application Cases

升降移载运输型AGV Lift/lower Transport AGV

升降接载搬运型AGV是新松公司根据化工行业客户的要求而研发的背负式AGV产品。主要由AGV车体、升降定位装置等组成。该设备承担物料罐体升降接货、运输、升降卸货等工作。

Lift/lower Transport AGV is a type of unit load AGVs designed to meet customers' needs in chemical industry. It consists of AGV body, lift/lower equipment and positioning device, etc. It can carry out material tank transportation, lifting and unloading.



应用于烟台汇众现场
AGVs applied in Yantai Huizhong Co., Ltd.



应用于广州雅芳现场
AGVs applied in AVON products (China) Co., Ltd.



应用于比泽尔现场
AGVs applied in BITZER Refrigeration Technology (China) Co., Ltd.



应用于菲亚特现场
AGVs applied in F.I.A.T Chongqing Co., Ltd.

搬运型 AGV
Transfer

应用案例 Application Cases

AGC输送系统 AGC system

新松公司为通用武汉公司车间物流精心设计的 AGC 输送系统，满足在复杂路径、多任务情况下按客户要求输送车间物料，一期 118 台，二期 148 台 AGC 正平稳可靠地运行于武汉现场，是新松公司与通用公司全球合作中的又一经典案例。

Siasun has specially designed AGC transportation system for GM Wuhan company, it can realize the material transportation with complex ways and multiple tasks according to customer' s requirement. All the AGC including 118 sets for phase 1 and 148 sets for phase 2 are working stably and reliability in the GM Wuhan situation which is a typically application between Siasun and GM global cooperation.







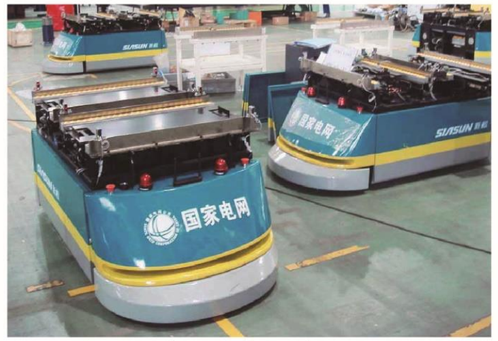



通用武汉现场
AGVs applied in GM Wuhan

辊道移载运输型AGV Roller Conveyor Transport AGV

通用辊道移载搬运型 AGV 是新松公司根据物料输送的实际要求而开发设计的系列产品。其运行控制采用新松标准的 AGV 控制模式，按照驱动方式分为双轮差动、单舵轮驱动、双舵轮驱动；按照导航方式分为磁导航和激光导航。车体上安装不同类型的输送辊道实现货物的单向自动转载或双向自动转载。

General roller conveyor transport AGV is designed to meet the needs of material handling.Its movement control adopts SIASUN standrd AGV control mode.According to drive mode difference General Roller conveyor transport AGV can be type of differential-wheel drive unit, single steering wheel drive unit, and double steering wheels drive unit. Its navigation mode adopts magnetic laser. By installing different roller conveyor, this AGV can realize one/dual directional loading&unloading.



应用于国家电网应用
AGVs applied in State Grid Corporation of China



应用于西安法士特有限责任公司现场
Applied in Xi' an Fast Auto Drive Group



中航锂电现场
AGVs applied in China Aviation lithium Battery(Luoyang) Co.,Ltd.



古岛定制
AGVs for Shanghai Gudao automatic equipment Co.,Ltd.



辉山定制
AGVs for China Huishan Dairy Holding Co., Ltd.



众和现场
AGVs applied in Xinjiang Zhonghe Co., Ltd.

装配型 AGV
Assmbly

装配型AGV是新松公司AGV产品中的核心产品。根据产品用途分为汽车底盘装配型AGV、柴油机装配型AGV和变速箱装配型AGV等，每种类型根据不同用户的要求有更详尽的分类。

Assembly AGVs are the core products of SIASUN AGV. According to fuction difference, assembly AGVs can divide into assembly AGV for chassis, assembly AGV for diesel and assembly AGV for gear box, etc. Every type of AGV can be custom made based on user' s needs.

应用案例 Application Cases

电动筒式单举升装配型AGV Electric single column lifting AGV

AGV-A1000D（2）型AGV主要由AGV车体、AJS1000型升降机两部分组成。主要适用于小型汽车的动力总成（重量小于500kg）与白车身合装，用于有压缩减振弹簧的后悬挂总成与白车身合装。

AGV-A1000D(2) is consisted of AGV body and AJS1000 lifting device. It is mainly used in small car power assembly (less than 500kg) & body' s assembly, and suspension (with compression springs) & automobile assembly.





电动剪式双举升装配型AGV Electric Scissors Dual Lift Assembly AGV

AGV-A2000A（2）-III型AGV为新松公司根据用户的要求而研发双举升AGV产品，主要由AGV车体、两台电动剪式升降机等组成。特点是具有更大的承载能力，可实现全方位滑动平台升高自动解锁，满足动力总成托盘自动转载的需要。升降机具有防止坠落装置，安全性、可靠性大大提高。主要适用于底盘线低的动力总成、后悬挂总成与白车身合装。

AGV-A2000A(2) -III AGV is a kind of dual lift AGV developed by SIASUN based on customer requirements. It is mainly consisted of AGV body and two sets of electric scissors lift. It hans advantages of much heavier load capacity, omnibearing sliding plate elevation autom atic unlocking.It can satisfy the requirements of dynamic compliance plate automatic transfer. The lift has dropping protective setting, which can i mprove the safety and reliability. It is usde for lower chassis dynamic compliance,and used for rear suspension and car body compliance.





电动剪式单举升装配型AGV Electric single scissors lifting AGV

AGV-A1000S1（1）型AGV主要由AGV车体、电动剪式升降机两部分组成。主要适用于汽车的动力总成与白车身合装，用于有压缩减振弹簧的后悬挂总成与白车身合装。

AGV-A1000S1(1) is consisted of AGV body and electronic scissors lifting device. It is mainly used in car power assembly (less than 500kg) & body' s assembly, and rear suspension (with compre ssion springs) & body' s assembly.





电动筒式双举升装配型AGV Electric dual-column Lifting AGV

AGV-A2000A（2）-I型AGV为新松公司根据负载的不断增加,尤其后桥装配需要增加减振弹簧压缩防止白车身顶起的拉紧链条而设计双举升AGV产品，主要由AGV车体、两台AJS1000升降机等组成。主要适用于汽车的动力总成、有压缩减振弹簧的后悬挂总成与白车身合装。

AGV-A2000A(2) -I AGV is a kind of dual lift AGV. Based on the loading increasing continuously, the rear axle assembly needs to add damper spring compression, which was designed to avoid car body interference tightening chain. It is mainly consisted of AGV body and two sets AJS1000 lift. It is used for dynamic compliance, and used for compression damper spring rear suspension and car body compliance.





装配型 AGV
Assmbly

应用案例 Application Cases

液压剪式双举升装配型AGV Hydraulic Scissors Dual Lift Assembly AGV

AGV-A2000A（2）-II型AGV是新松公司为满足用户的特殊要求而研发双举升AGV产品，主要由AGV车体、两台液压升降机等组成。特点是全方位滑动平台上表面到地面高度小，避免侧移进入装配段与吊具干涉。主要适用于底盘线很低的动力总成、后悬挂总成与白车身合装。

AGV-A2000A(2) -II AGV is kind of dual lift AGV developed by SIASUN based on customer special requirements. It is mainly consisted of AGV body and two sets of hydraulic lift. It has advantages of lower height from the surface of omnibearing sliding plate to ground, which can avoid clamping interference during assembly. It is used for lower chassis dynamic compliance, and used for rear suspension and car body compliance.



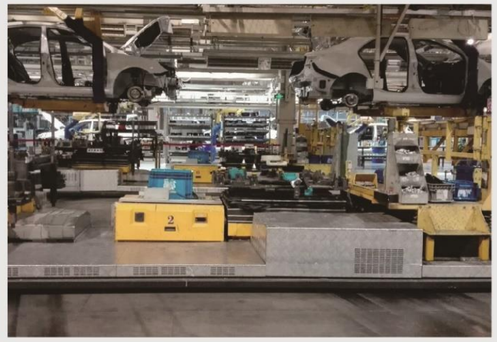


电动剪式三举升装配型AGV Electric Scissors Triple Lift AGV

AGV-A2000A（2）-VI型AGV为新松公司根据底盘合装工艺的要求而研发的三举升AGV产品，主要由AGV车体、两台电动剪式升降机、载人提升机等组成。特点是具有更大的承载能力，配置的螺旋提升机具有防坠落保护装置，安全性、可靠性大大提升。主要适用于底盘线很低的动力总成、后悬挂总成与白车身合装。

AGV-A2000A(2) -VI AGV is the triple lifts AGV products, which was developed for chassis marriage techniques. It composed of AGV body, two electric lifts, on-board lift etc.It has high load capacity and it is configured with spiralift, which has the anti-dropdevice. Therefore, it is safe and reliable. This product is mainly used for power assembly, rear suspension assembly and car body marriage under lower VAC line.





变速箱装配型AGV Gearbox Assembly AGV

该类型AGV用于各种类型变速箱装配线进行变速箱输送、装配，根据系统装配工艺要求分为平置式变速箱装配型AGV、纵翻式变速箱装配型AGV和横翻式变速箱装配型AGV，新松公司根据不同类型的变速箱结构配置相应的定位夹具可以满足不同类型变速箱的装配要求。由变速箱装配型AGV产品及周边设备构成的AGV系统分别进行变速箱装配、输送，具有分段停止、放行功能的AGV可实现在任何装配工位对变速箱进行静态装配。导航方式采用磁导航，改变导航磁条可以适应生产工艺变更的要求。

This type AGV has been used to all types of gearbox assembly for gearbox transmission and assembly. According to the system installation techinical requirements, it can be divided into flat gearbox assembly AGV, vertical overturn gearbox assembly AGV, and horizontal overturn gearbox AGV. SIASUN supplies the related locating tooling based on different gearbox structure, which can satisfy the requirements of various gearboxes. The gearbox assembly AGV and its surrounding equipment compose of AGV system to make gearbox assembly and transportation. This AGV can be stopped and released at stations, which can realize the static assembly at any station. The navigation adopts magnetic navigation. Changing the navigation method can satisfy different technical requirements of the productions.





发动机装配型AGV Engine Assembly AGV

发动机装配型AGV是新松公司根据柴油机装配的要求而研发集升降、翻转、盘车于一体的AGV产品,主要由AGV车体、丝杆升降装置、翻转盘车装置等组成。该设备承担柴油机装完缸盖后柴油机整机装配任务。由计算机控制的空中自行葫芦将柴油机送到指定点后，柴油机通过飞轮壳与AGV小车上的法兰盘相连接。然后在固定的环形路线依次经过各个工艺停车点（工位）进行相应工艺内容的装配工作，完成全部预定的工作内容后，再停靠到指定的站点由人工将柴油机吊放到测试输送线上，完成一个工作周期。

The engine assembly AGV is developed in accordance with the requirements for diesel engine assembly, which integrated lifting up and down, turnover, jigger tighter. It is mainly consisting of AGV body, screw lift device, turnover jigger device etc. It is used to the whole diesel engine installation after the cover is installed.The hoist will send the diesel engine to the indivated location, which is controlled by computer.The diesel engine connects with the flange of AGV by bell housing. Then it continues the assembling at each technical stop station in a fixed loop track to complete the preserved work. And then it stops at the indicated station an will be put into the testing transportation line manually, so as to complete one work cycle.





叉车型 AGV
Forklift

应用案例 Application Cases

叉车型AGV Forklift AGV

叉车型AGV是新松公司根据不同行业的实际需求而研发的系列激光导航AGV产品，主要由AGV车体、升降装置等组成。该设备承担空托盘、带载托盘、货物等搬运工作。

Forklift AGV is a type of laser navigation AGV which is researched by the different industry requirements. It mainly consists of AGV body, lifting device, etc and can be used for transportation for empty rack, load rack and goods.



宝马现场
BMW Brilliance Automotive LTD.



天津力生制药现场
AGVs applied in Tianjin Lisheng Pharmaceutical Co.,Ltd.



应用于大西洋焊丝项目
AGVs for Atlantic China Welding Consumables, Inc.



天津烟厂现场
AGVs applied in Shanghai Tobacco Group Co., LTD. Tianjin Factory.

重载型 AGV
Heavy-duty

应用案例 Application Cases

重载 AGV Heavy-duty AGV

重载AGV主要应用于仓储、制造、港口、机场、危险场所、特种行业等场所，它的研制成功不但填补了国内重载物料搬运机器人领域的空白，还将有利提高重载领域物流自动化的水平，减轻人的劳动强度，对提供生产效率，缩短物流周期，提高经济效益都具有重要的现实意义。

Heavy-duty AGV can be used in application of storage, manufacturing and sites including harbor, airport, risk area and special industry. Its successful invention not only filled up the gap of domestic heavy materials' robot reducing labor intensity, increasing production efficiency, reducing logistics cycle, and improving economic returns.



武汉大功率现场
AGVs applied in high power locomotive maintenance Wuhan base



中联重科公司现场
AGVs applied in Zoomlion Heavy Industry Science & Technology Co.,Ltd.



上海中联
AGVs applied in Zoomlion Shanghai.



山东骏马项目
For Junma Group.

货架型 AGV
Shelves Sorting

应用案例 Application Cases

货架型AGV Shelves Sorting AGV

货架型AGV（AGVs）系统是新松公司为满足大型仓储厂房车间的货架调配、分拣、整合而研发的智能应用系统，主要由AGV车体和视觉导航传感器等组成，货架分拣AGV可将装满货物或书籍的货架举起并快速平稳的将货架运送到指定的位置，待操作完成后自动将货架放到指定的地方等待下一次任务。可在控制台的调度下将货架上面的货品进行分类排序，将同类商品集合到同一货架上，这样可以减少货物的运送时间，从而大幅度提高仓储效率。

Shelves Sorting AGV System is an intelligent application system, which is researched and developed to satisfy the rack distribution, selection and integration of the large warehouse or workshop. It mainly consists of AGV body and visual navigation sensor. AMR could lift up the rack with goods or books and deliver it to the designated location rapidly and steadily. After the operation completed, it will deliver the empty rack to the designated location and wait for next task. The traffic controller could classify the goods on the rack and keep them in sequence, so as to gather the same kind of goods to one rack. In this way, the goods delivery time can be reduced and the warehouse efficiency can be improved greatly.








晟碟现场
AGVs applied in Sandisk Semiconductor (Shanghai) Co., Ltd.

复合型 机器人
Compound type

沈阳新松机器人自动化股份有限公司研发的一款新型AGV带机械手臂复合型机器人。主要用于将物料按要求输送到指定工位，通过机械手放置到特定区域，实现柔性化输送、高精度定位、自动化加工、智能化管理。机器人由车体和车载机械手两部分构成，通过将AGV与机械手相关技术的糅合，实现了机器人“手脚并用”的工业应用，填补了国内技术空白，为“智能制造”增添了新的光辉一页。

Shenyang Siasun Robot Automation Co.,Ltd has researched and developed a kind of AGV with complex mechanical arm robot. It is mainly used to transport the material to the designated location and the mechanical arm will place it in a particular area. Realize the flexible transmission, high precision positioning, automatic production and intelligent management. AGV is composed with vehicle and on-board mechanical arm. The combination of AGV and mechanical arm has realized the robot industrial application of “hands and feet” which has filled the blank of domestic technology and added a new glorious page of the “intelligent manufacture”.



产品功能创新：
使用AGV输送物料，利用车载机械手将物料放置指定工序、工位。
Use AGV to transport material then place it in the particular process and position with the on-board mechanical arm.

产品技术创新：
1、国内首台复合型机器人；
First compound machine in domestic;
2、机器人可任意进行移动作业；
Robots can mobile operate flexibly;
3、视觉补偿技术的应用，实现三维坐标系上的位置补偿；
Visual compensation technology applications, realize the position compensation on three-dimensional coordinate system;
4、机器人供电技术应用的突破；
Breakthrough of the robot power supply technology;
5、整合机器人与AGV通讯及控制技术；
Communication and control technology integration of the Robot and AGV;
6、夹具快速切换技术应用；
Fixture rapid exchanging applications
7、不同复合型AGV进行互换后应用技术；
Compatibility technology of different compound AGVs;
8、安全防护技术的创新；
Security protection technology innovation







非接触供电 AGV

Inductive Power Transfer

应用案例 Application Cases

非接触供电AGV　Inductive Power Transfer AGV

为满足当今社会日益增长的环保要求，新松公司结合世界领先的非接触供电技术，为各行业提供非接触供电AGV，这种供电系统可以在AGV不带电池的情况下为小车提供驱动电源盒控制电源，也可以在不设充电站的情况下为AGV的电池进行连续或定时充电。

This power system can provide drive power and control power when AGV does not carry the batteries. And it can also charge AGV batteries continuously or timely when there is no charging station.



爱科（常州）农业机械有限公司现场
Inductive Power Transfer AGVs applied in AGCO(Changzhou)



爱科（常州）农业机械有限公司现场
Inductive Power Transfer AGVs applied in AGCO(Changzhou)



通用现场
Inductive Power Transfer AGVs applied in GM



金杯汽车现场
AGVs applied in Shenyng Brilliance Jinbei Automobile Co.,Ltd.

国际合作
International Corporation

美国科尔摩根

德国 SEW 公司

德国 SICK 公司

德国 Wampfler 公司

德国 VAHLE 公司

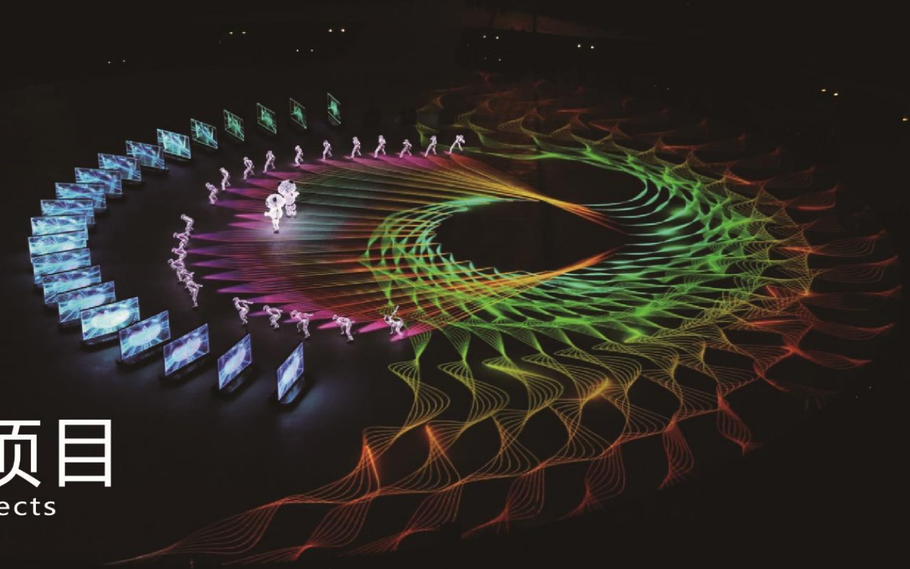
近年来，新松公司在不断加大自主创新力度同时，积极与国际知名企业合作。新松公司立志创造国际品牌，在产品、技术及管理等各方面积极与国际接轨，走国际化的发展道路。新松先后与国际上知名KOLLMORGEN公司、SEW公司、sick公司、Wampfler等开展互相学习与培训，并在国内多个AGV应用领域展开合作。通过与国外伙伴的合作和本着科技需要精益求精的产品研发观点，新松的技术实力不断提升，不断推出更贴合客户需求的高质量产品。

Recent years, SIASUN continue to increase the intensity of independent innovation and at the same time, actively cooperate with the international well-known enterprises. SIASUN is striving to create international brand product and take the international development road by conforming international standard in terms of product, technology,management, etc. SIASUN has cooperated with many international well-known companies such as KOLLMORGEN, SEW, sick and Wampfler by mutual learning and training as well as many domestic AGV application field. With foreign partner's cooperation and the spirit of science and technology need to refine, SIASUN technology keeps improving and continues to produce high quality products catering to customers'needs.

合作伙伴 Partner

新松AGV导航方式支持电磁导航、磁带导航、激光导航等多种导航方式，供电方式分为电池供电及感应供电。至今，新松已在国内外提供了800多台AGV应用系统，拥有许多经典成功案例，尤其是国内外汽车总装生产线上使用的装配型AGV,处于行业领先地位。

SIASUN AGV navigation supports electromagnetic navigation,magnetic tape navigation, laser navigation and other navigation mode, and the power supply contains battery powered and induction power supply. Up to now, SIASUN has provided more than 800 sets of AGV system at home and abroad and has many classic successful cases particularly the assembly type AGV used for automobile assembly production line in domestic and abroad, which is in the leading position in the industry.



出口项目
Export Projects

新松AGV有功能稳定、运行可靠、性价比高等多种优势，在全球两大汽车厂商通用和福特海外生产基地都应用新松AGV产品，特别是2007年，新松一举拿下通用汽车公司全球多个新建厂项目的底盘合装工程，成功出口到通用汽车全球各地工厂。至2016年7月，新松出口总量达到177台，成功地在国际机器人市场占有一席之地。

SIASUN' s AGV systems have plenty of advantages such as stable functionality, reliable operation, higher cost performance.Our AGV products have been widely applied in many oversea production bases of the two global famous automobile manufacturer General Motors and Ford.Especially,in2007,SIASUN has won several chassis decking projects of General Motors' greenfield programs, which made SIASUN successfully export AGV systems to the GM factories all over the world.Till July 2016, SIASUN has exported 177 AGVs totally and gained good reputation in international robot market successfully





应用于通用汽车俄罗斯工厂
General Motors Russia



应用于通用汽车加拿大工厂
General Motors Canada



应用于美国通用汽车公司底特律厂
General Motors U.S. (Detroit)



应用于福特汽车印度工厂
Ford India Pvt Ltd



应用于通用汽车墨西哥工厂
General Motors Mexico



应用于通用汽车乌兹别克斯坦工厂
General Motors Uzbekistan

部分国外应用案例 Some applications of oversea projects.

客户名称 Customer List	投产日期 Production Date	客户名称 Customer List	投产日期 Production Date
美国通用全球采购部(墨西哥) General Motors De Mexico	2007	印度福特 Ford India Pvt Ltd.	2010
美国通用全球采购部(印度) General Motors India	2007	印度通用 General Motors India	2010
美国通用全球采购部(加拿大) General Motors of Canada	2007	通用乌兹别克斯坦 General Motors Uzbekistan	2011
美国通用全球采购部(俄罗斯) General Motors Russia	2007	通用墨西哥二期 General Motors De Mexico	2011
韩国AGV Korea Samsung Aviation Co.,Ltd.	2008	通用底特律二期AGV General Motors U.S.(Detroit)	2011
美国通用 General Motors U.S.	2008	印度通用 Halol General Motors India(Halol)	2012
韩国通用汽车公司 General Motors Korea Company	2008	通用墨西哥A General Motors De Mexico	2014
印度福特AGV合装系统 Ford India Pvt Ltd.	2008	韩国通用AGV加车 General Motors Korea Company	2014
美国通用 General Motors U.S.(Detroit)	2009	通用乌兹别克斯坦AGV加车 General Motors Uzbekistan	2014
加拿大GM General Motors of Canada	2010	……	

殷切期待
Concern and Expectation

作为国家机器人产业化基地，新松公司发展的每一步都始终站在民族产业的高度上作为民族高科技产业的希望，国家领导人曾多次视察新松公司，高度肯定了企业的发展成就，并寄予殷切期望

新松公司始终认为：优秀的企业可以提供优秀的产品，但具有民族责任感的企业才会有民族骨气和战略眼光，才能成为产业的脊梁

As the national robot industrialization base, SIASUN never forgets its national industry identity each move it takes.As the hope for national high-technology industry, state leaders have visited and inspected SIASUN many times,highly praised the enterprise development and achievements and expressed their earnest expectations. It is SIASUN constant belief that excellent enterprises can produce excellent products. But only those enterprises with a sense of national responsibility can possess national moral integrity and strategic vision, and therefore become the pillar of all industries.



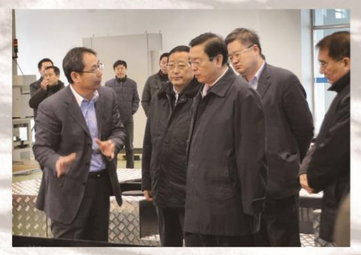
胡锦涛主席莅临新松公司考察
President Hu Jintao Visited & Inspected SIASUN



李克强总理莅临新松公司考察
Prime Minister Li Keqiang Visited & Inspected SIASUN



温家宝总理和德国总理默克尔莅临新松展位参观
PM Wen Jiabao and PM Merkel Visited & Inspected SIASUN Booth



张德江常委莅临新松公司考察
Member of Standing Committee Zhang DeJiang
Visited & Inspected SIASUN



张高丽副总理莅临新松公司考察
Vice-PM Zhang Gaoli Visited & Inspected SIASUN



贾庆林常委莅临新松展位参观
Member of Standing Committee Jia Qinglin
Visited & Inspected SIASUN

企业荣誉
Enterprise Honor

新松创造的第一
The first places that SIASUN created

拥有机器人核心技术的企业
China first enterprise regards robotic technology as core

行业内首批中国名牌产品
First batch China Top Brand in the industry

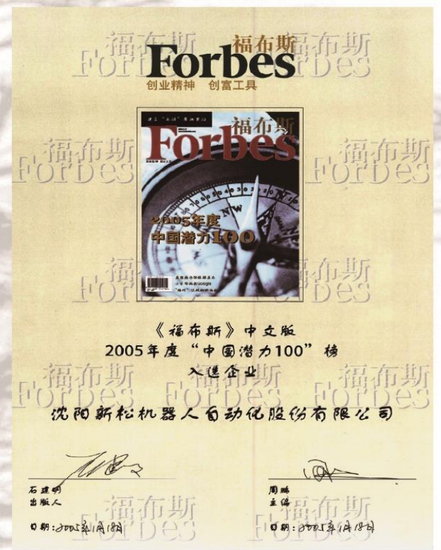
国家首批91家创新型企业
The only selected enterprise of China First Batch 91 Innovation Enterprise

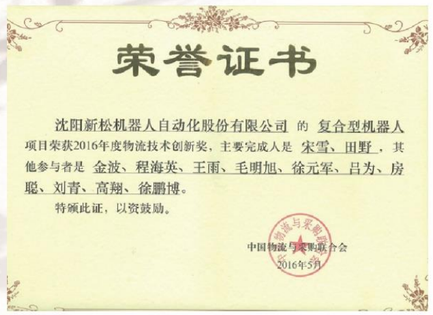
信息系统集成及服务大型一级企业
Information system integration and service first level enterprise

计算机系统一级资质认证的企业
Computer system large-scale qualification certification enterprises

中国移动机器人（AGV）产业联盟理事长单位
China Mobile Robot And AGV Industry AlliancePresident Unit









我们的服务
Our Service

为保证产品质量，新松将严格按ISO9001:2000质量体系运行。
SIASUN will operate strictly according to ISO9001:2000 Standard, in order to guarantee product quality.

新松配备专业的安装队伍和售后服务队伍，负责AGV安装、调试和售后服务，服务热线：024-31699955。
SIASUN has professional installing team and after-sale service team, responsible for AGV installation, debugging and after-sale service. Our service hot line is 024-31699955.

新松AGV质保期为壹年，终身维护，因我方设计、制造、运输、安装所出现的质量问题，新松负责免费维护。任何原因发生任何故障，新松接到有效通知后2小时内作出电话响应，并提出解决方案或派人上门服务，但因用户原因造成的故障维修，新松只收取成本费用。
The Quality Guarantee Period of SIASUN AGV is one year, with lifelong maintenance service. SIASUN will be responsible for free maintenance, if any quality problem occurs, due to our design, manufacture, delivery, and installation. SIASUN will be responsive over the phone within two hours after receiving valid notice, whatever the problems and the causes are, and will bring forward solutions or send out door-to-door service, during which prime cost will be charged by SIASUN, if the problems are caused by inappropriate use.

在沈阳，新松AGV设有备件库，为全方位提供技术支持。为方便用户更好地使用该系统，每个AGV工程安装，新松将免费负责对管理和使用操作人员进行技术培训。
SIASUN AGV is equipped with a Spare Parts Storage, which can provide a full-scale technical support. In order for users to better utilize this system, SIASUN will be responsible for providing managing and operating personnel with free technical training.

为保证售后服务响应及时，新松公司已在重庆、潍坊、芜湖设立三个专门的AGV售后服务公司，为保证就近服务且及时有效，请与新松本部售后服务部门确认后联系。
SIASUN has set up four expert AGV after-sale service companies in Chongqing, Weifang and Wuhu for timely responsive after-sale service. Please make contact with Shenyang headquarters after-sale service department for confirmation before approaching these companies, so as to ensure timely and valid near-site service.



逾百家尊贵客户

汽车底盘合装行业

沈阳华晨金杯汽车有限公司
柳州微型汽车厂
重庆长安汽车股份有限公司
海南汽车投资有限公司
上汽集团奇瑞汽车有限公司
沈阳中顺汽车有限公司
湖南长丰汽车有限公司
上汽五菱汽车股份有限公司
一汽轿车股份有限公司
沈阳通用汽车制造有限公司
长安福特汽车有限公司
潍柴动力股份有限公司
上海通用汽车有限公司
保定长城汽车股份有限公司
上汽通用五菱汽车股份有限公司
上海汽车集团股份有限公司
浙江陆虎汽车有限公司
上海华普国润汽车有限公司
长安福特马自达汽车有限公司
浙江金钢汽车有限公司
承德威伯输送机械有限公司
泰安青年汽车有限公司
南汽名爵汽车有限公司
海马(郑州)汽车有限公司
华泰汽车车身(鄂尔多斯)有限公司
杭州青年莲花汽车有限公司
天津夏利一汽有限公司
吉利汽车慈溪工厂
东风风神汽车有限公司
北汽福田汽车股份有限公司
奇瑞汽车有限公司大连工厂
一汽海马汽车有限公司
上海华普国润汽车有限公司
山西长治汽车零部件公司
重庆力帆乘用车有限公司
承德天宝机械股份有限公司
沈阳华晨金杯汽车有限公司
合肥昌河汽车有限责任公司
天津一汽夏利汽车股份有限公司
风神襄阳汽车有限公司
安徽江淮汽车股份有限公司
海宁莲花乘用车有限公司
奇瑞量子汽车有限公司（中美合资）
湖南吉利汽车部件有限公司
江铃汽车股份有限公司
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汽车零部件装配行业

西安法士特汽车传动集团公司
潍柴动力股份有限公司
中国重汽集团大同齿轮有限公司
东风变速箱有限公司
长春一汽变速箱有限公司
东风汽车有限公司
宝鸡法士特齿轮有限责任公司
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烟草行业

上海卷烟厂
重庆卷烟厂
吉林烟草工业有限责任公司
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电力行业

西安西开高压电气股份有限公司
华北电网公司北京电力公司
重庆电力科学试验研究院
泰安供电公司
聊城供电公司
西安供电局电能计量中心
呼和浩特供电局
天津市电力公司电能计量中心
郑州三晖电气股份有限公司
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医药、食品行业

山东福瑞达药业
天津天士力制药股份有限公司
内蒙古蒙牛高科乳业有限公司
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机车高铁行业

广州铁路局广州动车段检修基地
唐山百川智能机器有限公司
哈尔滨大功率机车检修基地
武汉铁路局大功率机车检修基地
天津铁路局大功率基地
上海铁路局大功率机车检修基
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石油化工行业、勘探行业

昆明贵研催化剂有限责任公司
珠海醋酸纤维有限公司
昆明醋酸纤维有限公司
广州艺爱丝纤维有限公司
广州雅芳制造有限公司
上海家化联合股份有限公司
大庆石油勘探研究院
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教育培训行业

西安理工大学
上海富安工厂自动化有限公司
武汉理工大学物流工程学院
浙江经济职业技术学院
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造纸、出版印刷行业

辽宁北方出版物配送有限公司
上海名毅机械有限公司
北京中山浩业机械有限责任公司
山东太阳纸业股份有限公司
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柴油机测试车间输送行业

广西玉林柴油机集团
大连上柴股份有限公司
潍柴动力股份有限公司
安徽天利动力股份有限公司
中国重汽济南动力股份有限公司
……

其他行业

中航工业江西洪都航空工业股份有限责任公司
中国电子科技集团公司第十四研究所
沈阳棋盘山国际象棋城
太原东杰装备有限公司
郑州三晖电气股份有限公司
安徽美芝精密制造有限公司
太原东杰装备有限公司
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