

新松机器人自动化股份有限公司 SIASUN ROBOT & AUTOMATION CO.,LTD.

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IMPRESSION OF SIASUN

以数字化智能制造为核心的第三次工业革命正在席卷全球 而数字化智能制造的主体正是机器人 用机器人武装"中国制造"正是我们的使命……

Powered by Digital Manufacturing, the third Industry Revolution is sweeping the world
Robot is the core of Digital Manufacturing
Improve "Made in China" with robot is our mission

ENTERPRISE公司介绍 INTRODUCTION

做令人尊敬的高科技企业

To Be A Respectable High-tech Enterprise

新松公司是以机器人及自动化技术为核心,致力于数字化高端智能装备的高技术企业。在工业机器人、智能物流、自动化成套装备、洁净自动化装备、智能交通、激光技术装备、节能环保装备、能源装备、特种装备及智能服务机器人等领域呈现产业集群化发展,提供涵盖产品全生命周期的数字化、智能化制造。公司现已形成了以独有核心技术、核心零部件、领先产品及行业系统解决方案为一体的完整产业链。服务遍及欧、美、亚洲等十多个国家和地区,全方位满足工业、交通、国防、能源、民生等国民经济重点领域对以机器人及自动化技术为核心的高端装备需求。公司在北京、上海、杭州、青岛及沈阳设立五家控股子公司,在广州和山东设有机器人国家工程中心分中心,是目前国内规模最大、品牌产品线最全的机器人上市公司。

新松公司属于中国科学院,拥有以院士、博士及高级专业为核心的国家级创新团队,每年申请专利逾百项,起草并制定了多项国家及行业标准。公司拥有"机器人国家工程研究中心"、"国家认定企业技术中心"、"国家 863 计划机器人产业化基地"、"国家高技术研究发展计划成果产业化基地"、"国家博士后科研基地"、"全国首批 91 家创新型企业"、"中国机器人第一股"、"中国名牌"、"中国最具创新力企业",并以在资本市场的优异表现入选央视 50 指数。

新松公司将"超越期望"作为品牌承诺,致力于赢得社会、客户、股东及员工的尊敬,成为世界一流的高科技企业。

SIASUN Robot & Automation CO, LTD is a high-tech enterprise which takes robotic & automation technologies as the core and focuses on digital high-end intelligent equipments manufacturing. Based on its self innovation, individual technologies, core parts, leading products and complete industrial technology solutions, SIASUN has formed 9 industrial groups, namely Industrial Robot, Automated Test & Assembly Line, Logistic Automation, Intelligence Rail Transit Automation, Laser Technology & Equipment, Eco-friendly Equipment, Clear Room Automation, Energy Source Equipment and Intelligent Service Robot. SIASUN can provide digital and intelligent manufacturing to product whole life cycle and forms a whole industrial chain based on its own core technologies, core parts, leading products and industry system solutions. SIASUN has provided products and services to customers in over 10 countries in Europe, America and Asia, totally meets the needs of high-end equipments driven by robot and automation technologies in the industry of manufacturing, transportation, military, energy and civil. SIASUN has finished nationalized strategic layout, with five holding subsidiaries in Beijing, Hangzhou, Shanghai, Qingdao and Shenyang. Now, SIASUN is the largest and the most completely products line listed robotic enterprise in China.

Belonging to Chinese Academy of Sciences, SIASUN has a state-level R&D team on the strength of academicians, doctors and advanced experts. At present, SIASUN holds hundreds of patents, owing over 1000 valued customers. Many national standards have been stipulated, over 100 science & technology key projects have been finished. SIASUN got the award of National Engineering Research Center on Robotics, National Authorized Enterprise Technology Center, Robot Industrialization Base of the National 863 Program and National Post-doctoral Research Base, First listed robotic company in China, etc. SIASUN has been selected as China TOP Brand, Most Innovative Companies and CCTV Top 50 Stock owing to its outstanding performance in stock market.

SIASUN takes Beyond Expectation as its brand promise, and focuses on winning the respects from the society, customers, shareholders and employees, and eventually, becoming a world first-class high-tech enterprise.

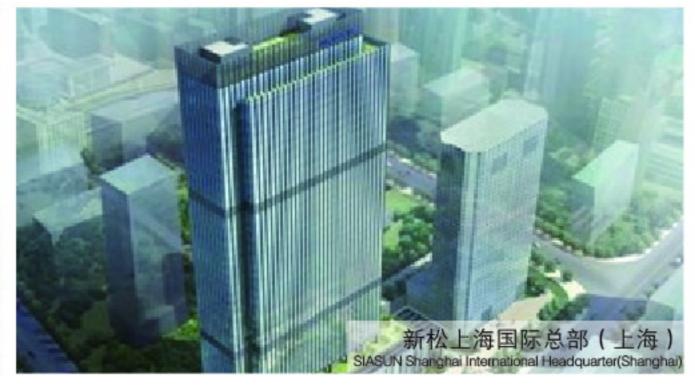
多点布局 立体成长 南北两翼齐飞

Multipoint Layout, Comprehensive Growth, South & North Develop Simultaneously













TECHNICAL技术创新 NOMATION

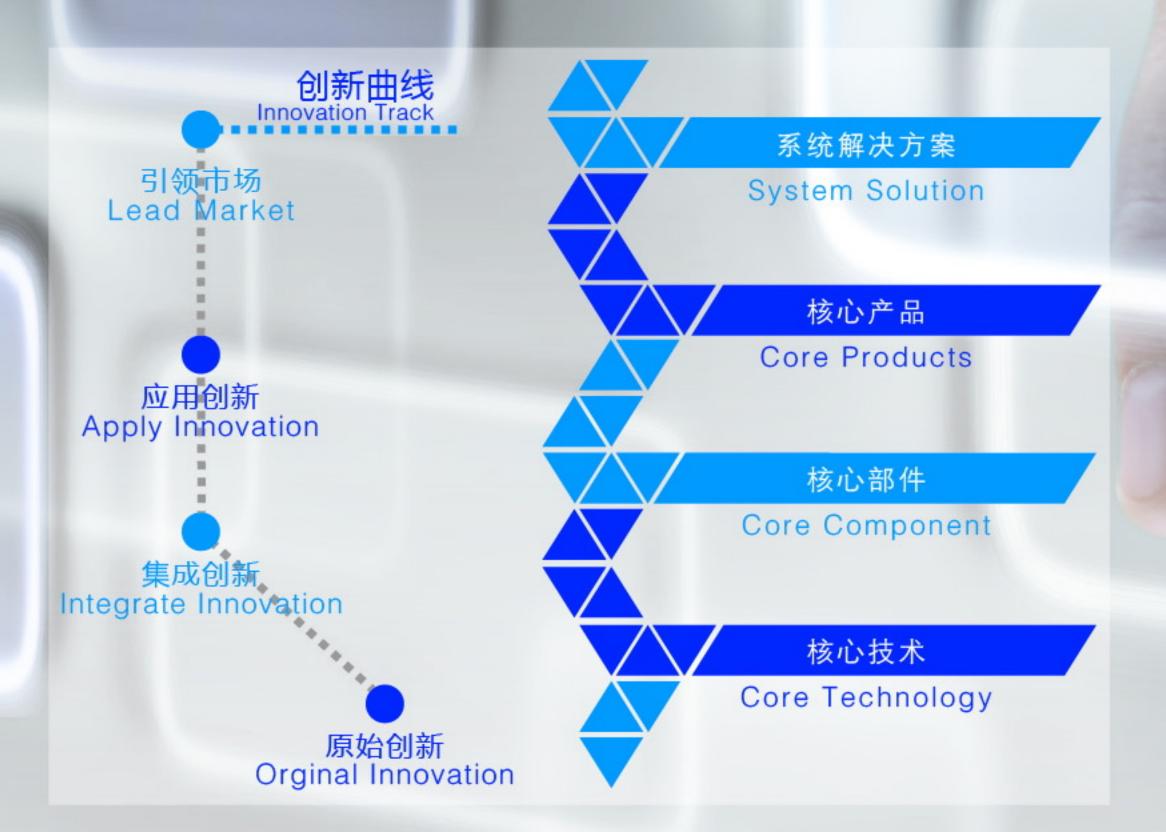
新松公司拥有一流的 **国家级研发团队** SIASUN has a first-class national R&D team

从填补国内机器人市场空白,到今天国家机器人产业化基地,新松公司改写了中国没有工业机器人 的历史; 从助力品质不断提升, 到跨越工业化进程的领先科技, 新松公司孕育着每一次超越的力量。公 司制定以市场为导向的研发策略,实现从技术创新到品牌价值的高效转换,不断地将创新产品延伸至更 宽广的应用领域。

公司每年推出新产品几十项,完成重大科技攻关项目 300 多项,拥有 600 多项国家专利,研发出了 200 余种具有完全自主知识产权的系列工业机器人产品。公司起草并制定了多项国家标准,通过标准的 输出,带动了中国机器人产业的迅速崛起。研制的产品填补了多项国内空白,多次打破国外技术封锁。 从创新思维的养成、技术能力的提升,新松公司都与世界同步,精湛而专业。

From filling up domestic robot market blank to becoming national industrialization base of robot, SIASUN has rewritten the history that China had no its own industrial robot application on the production line. From promoting customer products quality enhancement to achieve leading technologies beyond the process of industrialization, SIASUN accumulates its power to exceed. SIASUN has set up a market-oriented R&D strategy, realizing an efficient conversion from technology innovation to brand value, and has continuously extended innovation products to wilder application fields.

SIASUN releases dozens of new products every year and has accomplished over 300 sciences and technology key projects, holding more than 600 national patents, and developed 200 kinds of industrial robot products with complete independent ntellectual property rights. 3 national standards have been stipulated. SIASUN promotes the rapid development of domestic robot industry by stipulating these standards. R&D products have filled up many national blanks and reached international advanced level, some of which are placed at the leading position in the world.



创新体系 Innovation System

同心多角化业务方向 | 十大产业集群协同发展

Concentric Diversification 10 Industrial Cluster Coordinated Development

国家级研发平台

承担国家机器人重要公关课题和创新项目

National Level R&D Platform

Undertake National Key Projects & Innovation Projects on Robotics

机器人国家工程研究中心 National Engineering Research Center on Robotics

国家高技术研究成果产业化基地 Industrialization Base of the National Hi-Tech R&D Program

国家高技术产业化示范基地 National Hi-Tech Industrialization Demonstration Base

国家认定企业技术中心 National Authorized Enterprise Technology Center

三大创新平台

Three Innovation Platform

企业级研发平台

承担公司战略产品的研发

Enterprise R&D Platform Undertake the R&D of Strategic Products

中央研究院 SIASUN Center Research Institute

国家博士后科研工作站 National Post-Doctoral R&D Workstation

Sino-US Joint Research Center of Extreme Manufacturing & Automation 中美超限制造联合研究中心

国家工程中心山东分中心

National Engineering Research Center Guangzhou Branch 国家工程中心广州分中心

National Engineering Research Center Shandong Branch

事业部级研发平台

以市场为导向 运行应用技术研发

Department R&D Platform

Market-oriented, proceed application technology R&D to meet customer needs

智能移动机器人事业部 Intelligent Mobile Robot Department

机器人事业部 Robot Department

洁净装备事业部 Clean Room Equipment Department

机器人装备事业部

Robot Equipment Department 智能物流事业部 Intelligent Logistics Department

自动化成套装备事业部 Test & Assembly Set of Equipment Department

激光技术装备事业部

Laser Technology Equipment Department

高端装备事业部

High-end Equipments Department

特种装备事业部 Special Equipment Department





INDUSTRIES OF SIASUN

产业新松

五大系列百余种的机器人,铸就了今天的机器人王国 精湛的技术更让行业解决方案水到渠成 用智慧灵动思想,推动产业转型升级 机器人正改变着我们的生产和生活方式……

A robotic kingdom which is consisted of hundreds types of robots belonging to 5 series

Consummate Industrial Solution Comes from Excellent Technology

Filled Wisdom with Great Ideas. Enhance Industry with Technology

Robot is changing our modes of life & production

INDUSTRIAL MODE 产业模式

工业4.0的核心 机器人+智能设备+信息技术

Core of Industry 4.0: Robot + Intelligent equipments + Information technology



机器人 ROBOT

工业机器人 洁净(真空)机器人 智能移动机器人(AGV) 特种机器人

智能服务机器人

Industrial Robot

Clean Room(Vacuum) Robot

Automated Guided Vehicle(AGV)

Special Purpose Robot
Intelligent Service Robot
Robot & Robot System Solution



数字化 DIGITIZATION

MES系统 MES System

智能物流 Logistic Automation

自动化生产线 Automatic Production Line

高端智能裝备

High-End Intelligent Equipments

机器人系统解决方案

工业机器人系统解决方案 Industrial Robot System Solution

机器人装备 Robotic Equipment 激光装备 Laser Equipment

Robot System Solution

洁净机器人系统解决方案 Clean Room Robot System Solution

IC Equipment IC装备 FPD装备 FPD Equipment

智能化 INTELLECTUALIZATION

装配检测自动化 Test & Assembly Automation 加工自动化

Process Automation

能源装备自动化

Energy Equipment Automation

信息化 INFORMATIZATION

轨道交通系统

Rail Transit System

综合监控系统

Integrated Monitoring System

公交地铁一卡通

Bus/Metro One-Card

电梯卫士系统

Elevator Guard System

ROBOTIC 机器人王国 KINGDOM

工业机器人

Industrial Robot









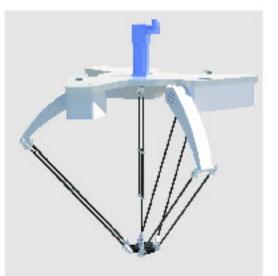












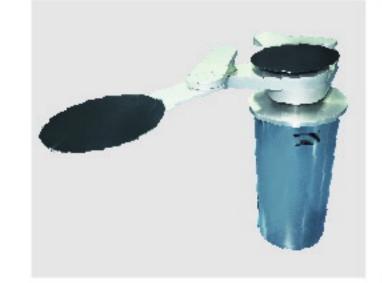
洁净(真空)机器人 Clean Room(Vacuum) Robot

















完全拥有自主知识产权和核心技术,打破国外技术垄断与封锁 产品成功出口十多个国家,技术水平国内领先,参与制定国家标准,国际先进

SIASUN has totally independent intelligent property right and core technologies, and breaks foreign technical monopoly and blockade many times Its products have successful exported to more than 10 countries around the world owing to their domestic leading & international advanced level of technology

智能移动机器人(AGV)

Automated Guided Vehicle(AGV)































智能服务型机器人 Intelligence Service Robot











INDUSTRIAL 工业机器人系统解决方案 ROBOT SYSTEM SOLUTION

机器人智能装备 Robotic Intelligent Equipment

激光自动化装备

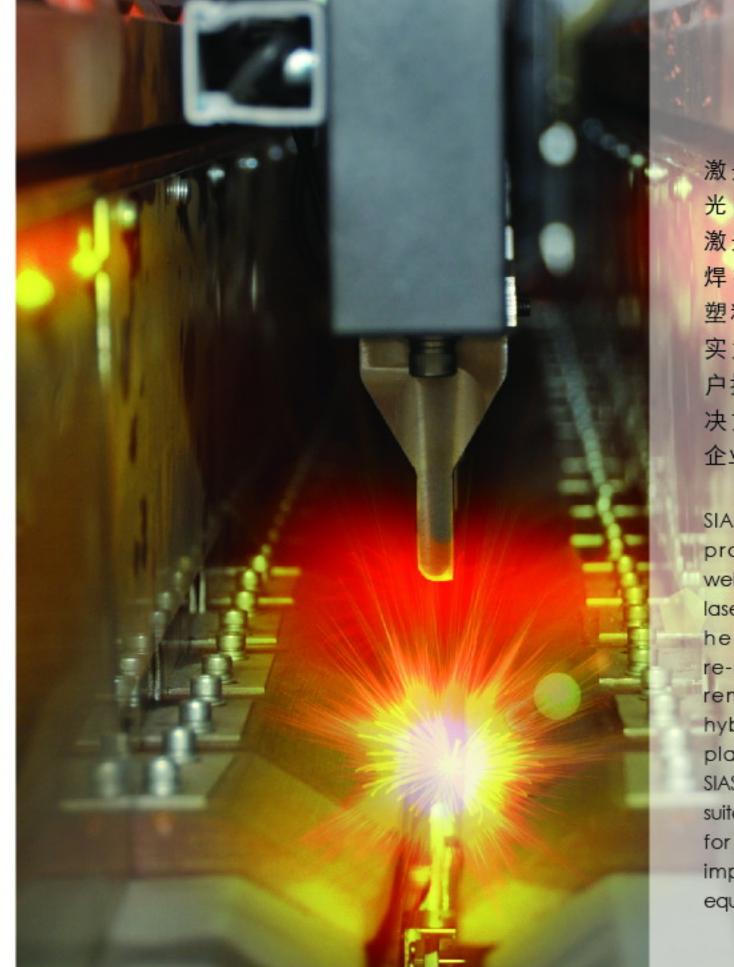
Laser Automation Equipment











新松激光产业涵盖 激光焊接成套装备、激 光拼焊、激光热处理、 激光再制造、远程激光 焊接、激光复合焊接、 塑料焊接等领域。技术 实力国内领先, 可为客 户提供最佳的国际化解 决方案,不断提升应用 企业智能装备水平。 SIASUN laser industry main products include laser welding sets of equipment,

laser tailored welding, laser heat treatment, laser re-manufacturing, laser remotely welding, laser hybrid welding and laser plastic material welding. SIASUN can provide the most suitable international solution for customers, continuous improving their intelligent equipment level.













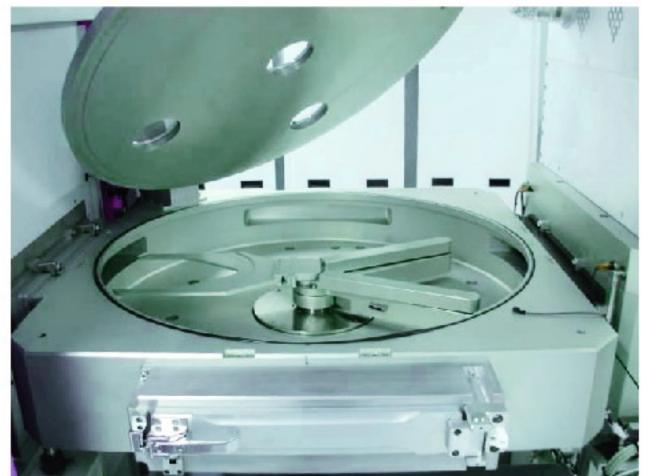


填补国内空白,打破国外技术封锁

Fills National Gaps & Breaks International Blockade on Techniques

CLEAN ROOM 洁净机器人系统解决方案 ROBOT SYSTEM SOLUTION









洁净自动化产品主要有大气机械手、真空机械手、洁净轨道传输机器人、预对准装置(Aligner)、倒片机(sorter)、设备前段末端模块 (EFEM)和集成式传输平台(cluster tools)以及洁净镀膜机械手、洁净搬运机械手、洁净AGV、RGVS和洁净物流自动输送设备等。主要 应用领域为IC装备、平板显示(FPD)、电子、生物制药和食品等行业。为客户提供完整的行业解决方案,核心技术水平国内领先,达到 国际先进水平。

SIASUN clean room products include atmosphere robot, vacuum robot, clean room rail transport robot, aligner, sorter, Equipment Front End Module (EFEM), cluster tools, clean room coating manipulator, clean room transfer robot, clean room AGV, RGVS and clean room logistic automation transfer system, etc. Mainly applied fields covered IC-manufacturing, flat panel display (FPD), electronic, bio-pharmaceuticals and food, etc. could provide whole technology solution. Core technologies have reached domestic leading & international advanced level.







洁净机器人系统解决方案

Clean Room Robot System Solution

DIGITAL数字化制造 MANUFACTURING

国内首条用机器人生产机器人的数字化智能生产线

SIASUN products & services spread over manufacturing industry all level and lead the development of industry



新松公司基于工业机器人,智能物流、自动化装配检测及MES系统等先进技术手段,构建企业智能化无人车间的整体解决方案。可实现产品从设计到制造的全生命周期的自动化过程,从根本上实现企业制造模式的变革。

Digital manufacturing is the highly integration of industrial technology and information technology, which marks the development direction of intelligent manufacturing. It focuses on enterprise manufacturing modes' updating and transformation.

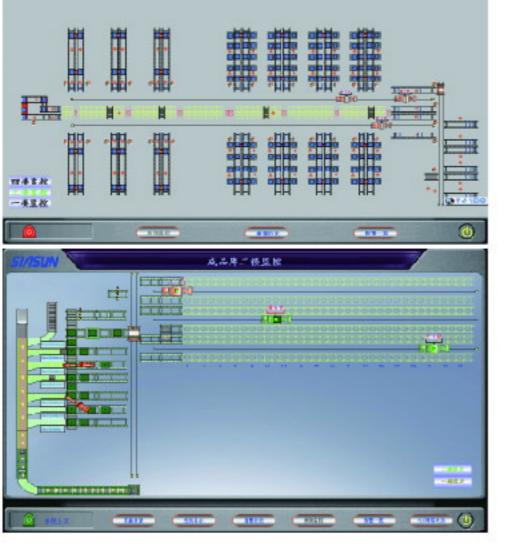
MANUFACTURING 制造执行系统 EXECUTION SYSTEM

新松可为企业量身打造制造执行系统(MES),与企业现有ERP、CRM及MIS系统实现完美对接,通过信息传递对从订单下达到产品完成的整个生产过程进行优化管理。基于自主研发的高性能工业机器人及智能制造设备,新松MES系统具有无以伦比的稳定性和高效性,能更及时准确的将ERP、CRM、MIS等上层指令下达至系统执行层,有效地指导工厂的生产运作过程,提高了工厂及时交货能力、改善物料的流通性能,又能提高生产回报率。同时,对产品的工艺流程和参数进行实时追踪,车间生产过程中各种信息清单可以通过MES系统采集并上传至系统管理层。从而优化企业生产制造管理模式,强化过程管理和控制,达到精细化管理目的。

SIASUN can provide custom MES system to fit for enterprise currently using ERP, CRM & MIS system, and help improving optimal management from order release to products manufacturing by information transfer. Based on its independent R&D high-performance industrial robot and intelligent manufacturing equipments, SIASUN MES system has an obviously advantage on system's stability and performance, which can timely and accurate deliver orders from ERP, CRM and MIS to executive level and effective guide production operation in workshop. SIASUN MES improves delivery performance & materials' transportation performance and increases the production rate of return. At the meantime, SIASUN MES can trace products technical process and parameter. All information lists during manufacturing process can be uploaded to system management level by MES. By applying SIASUN MES, one company can optimize production and manufacturing modes, strengthen process control & management and achieve goal of delicacy management.







自动化生产线 AUTOMATIC PRODUCTION LINE









新松公司采用自动化装配检测等先进技术手段,将智能软件、灵敏机器人、新制造工艺形成合力。可完成集生产线信息采集监控系统、ANDON 系统、输送系统、自动化机电设备于一体的完整系统解决方案,从根本上实现企业制造模式的变革和智能转型,全面满足企业对于数字化智能制造的需求。

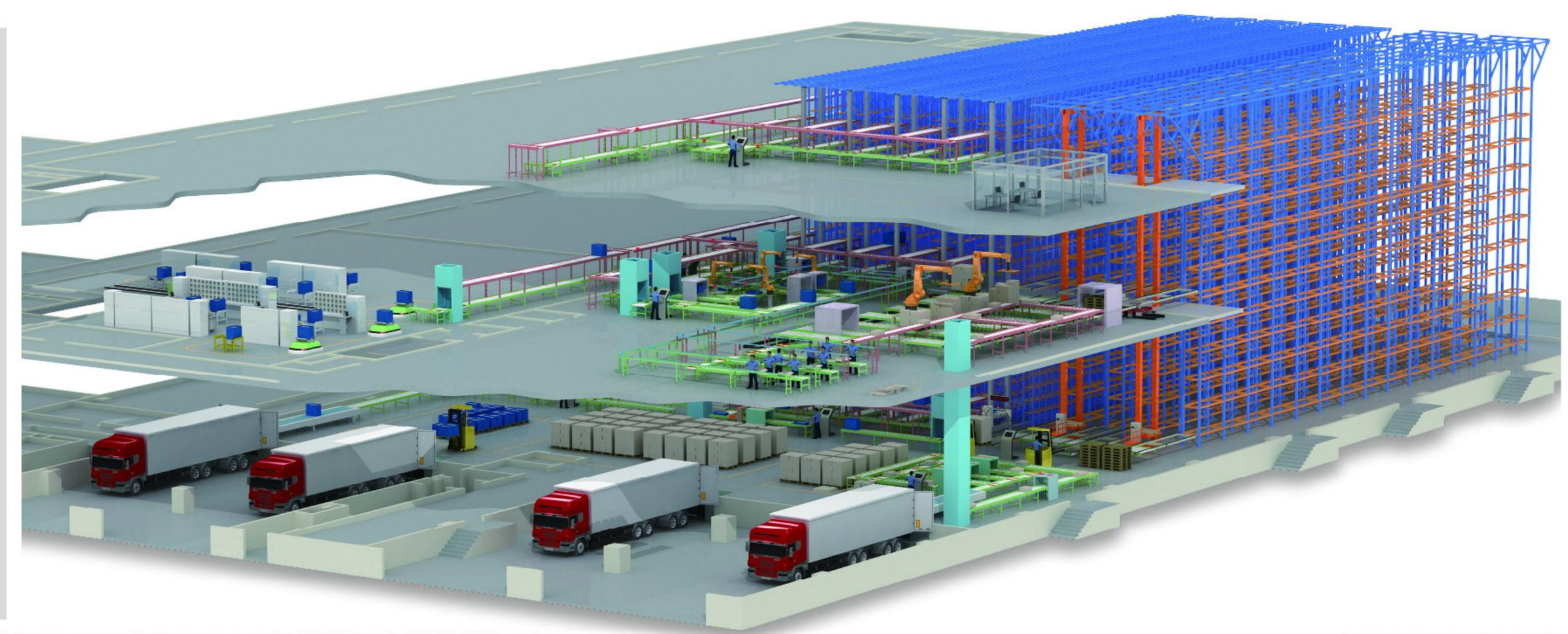
SIASUN adopts automated test & assembly advanced technology, making a perfect combination of intelligent software, sensitive robot and new manufacturing technology. SIASUN can provide complete system solutions based on production line information collecting & monitoring system, ANDON system, transportation system and other automated mechanical & electrical equipment, aiming at enterprise manufacturing modes transforming and intelligent updating, which can totally satisfy enterprise's needs on intelligent manufacturing.

LOGISTICS 智能物流 AUTOMATION

智能化无人车间的最佳选择 The Best Choice for Intelligent Unmanned Workshop

新松智能物流系统主要包括物流仓储系统和 AGV 自动导引车系统。物流仓储系统主要包括自动化立体仓库、物流自动输送与自动作业设备、码(拆)垛机器人、RGVS、AGV、物流控制和管理系统;新松 AGV 按导航技术可分为电磁导航、磁带导航、激光导航、混合导航、惯性导航等多系列产品。在汽车底盘装配、发动机装配、变速箱装配及工程机械生产线上的零部件搬运、机车车身检修、物料输送等领域得到广泛应用。新松智能物流秉承持续创新理念,为用户量身定制个性化柔性物流系统解决方案,是物流领域主导力量和强势品牌,竞争能力已列入国际一流企业行列。

SIASUN Logistic Automation System is consisted of Logistic Storage System and Automated Guided Vehicle (AGV) System. Logistic Storage System includes automatic warehouse, material automatic transportation system, palletizing robot, RGVS, AGV, logistic control & management system, etc. SIASUN AGVs support electromagnetic navigation, magnetic navigation and laser navigation, etc. which have been widely used in automobile chassis assembly, motor assembly, gearbox assembly, material transportation in engineering machinery production line and locomotive testing, etc. SIASUN insists on innovation and aims at providing custom flexible logistics system solutions. It has becomes a leading force and powerful brand in logistic industry and its competitiveness has placed at the first rank in the world.























TEST & ASSEMBLY **AUTOMATION**

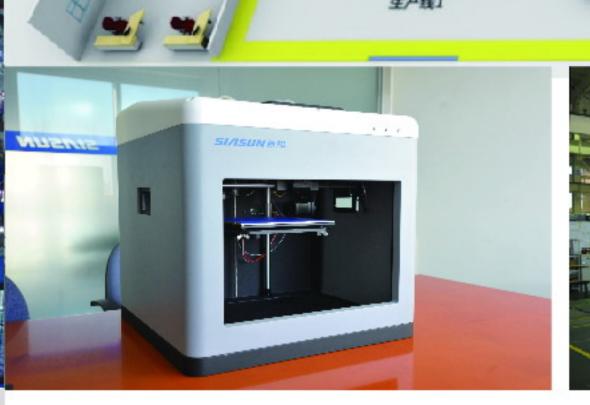
装配检测自动化















新松自动化成套系统装备从汽车与低压电器行业起步,并逐渐扩展至更多行业。产品涵盖自动化装配检测生产线、绿色节能环保制 版装备等系列。新松通过对恒流源、塑料焊接等关键技术的突破,大幅度提升了系统装备的可靠性,开创了众多业内先河。公司以精湛 的技术专注于汽车发动机、变速箱、门锁、底盘总装以及各类断路器、继电器等低压电器领域的自动化装配检测生产。是业内公认的、 综合优势突出的大型成套自动化装备权威机构。

SIASUN Automated Sets of Equipments started from automobile and low-voltage apparatus industry, and gradually extended to specialized equipments and more industries. Main products include Automated Test & Assembly Line, Energy Automation Equipments and Eco-friendly & Plate Making Equipments. SIASUN greatly improves system & equipment reliability by achieving technology breakthroughs in constant current source and plastic material welding, and ranks the leading position in fields of low-voltage and automobile parts, etc. SIASUN focuses on providing automated test & assembly line for automobile engine, gearbox, locker, chassis and low-voltage apparatus such as breaker, relay, etc. SIASUN has been regarded as the authority organization with comprehensive competitive advantages.

依托加工自动化及特种设备的自主知识产权和核心技术,公司加工自动化主要 涵盖关节机器人、桁架机器人产品及加工生产线成套解决方案、基于网络的仓储物 流及加工装配的数字化智能车间、面向特殊行业的自动化设备及生产线。广泛应用 于轴承行业、汽车零部件制造、造船工业等领域,为企业产业提升、技术进步提供 了众多定制产品和解决方案。

Based on its independent intelligent property right and core technology on processing automation & specialized equipment, SIASUN special equipments products & services mainly include articulated robot, truss robot, processing production line completely solution, network-based logistics, manufacturing & assembly digital automatic factory and automation equipment & production line for special industry, which are widely been used at bearing industry, automobile parts manufacturing, ship-building industry, etc. SIASUN has provided many custom products and solution for enterprises to promote industry updating and technical progress.





加工自动化

ENERGY AUTOMATION

能源自动化

新松利用先进机器人及自动 化技术, 开发油气田及其它能源 行业各种自动化装备。其技术主 要应用于海上和陆地油气田的井 口管处理机器人系统, 钻修作业 自动化装备,能源安全与环保自 动化装备,能源交换及节能自动 化装备, 可再生能源生产过程自 动化装备以及高耗能材料生产自 动化装备。

Base on leading technologies on robot and automation, SIASUN develops many different kinds of automation equipment for oil/gas well exploring and other energy source industries. It achieved technologies mainly be used at oil/gas well (both sea and land) pipeline robot handling system, automatic workover equipment, energy security & eco-friendly automation equipment, energy exchange & energy saving automation equipment, and renewable energy sources & high energy-consumption material manufacture automation equipment.















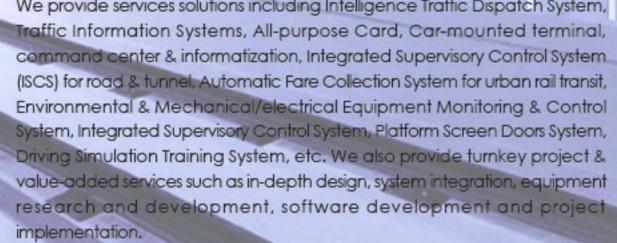


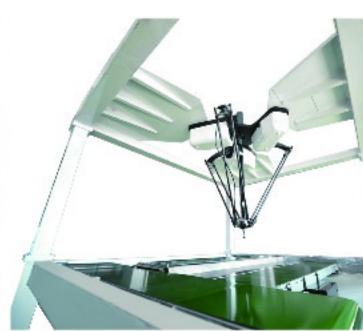




新松智能交通产业集群是将先进的自动控制技术、计算 机信息技术、数据通讯传输技术、传感技术、物联网技术、 移动互联网技术等有效地集成运用于城市交通领域,致力于 提升现代城市交通的智能化、信息化、物联化水平。本产业 集群提供城市智能公交、交通信息服务、一卡通、车载终端、 指挥中心及信息化、道路交通及隧道综合监控系统以及城市 轨道交通自动售检票系统、环境与机电设备监控系统、综合 监控系统、屏蔽门(安全门)系统、模拟驾驶培训系统等解 决方案、深化设计、系统集成、设备研发制造、软件开发、 工程实施等全过程的交钥匙工程和增值服务。

SIASUN Intelligent Rail Transit Industry focuses on applying automated control technology, computer information technology, data communication & transmission technology, sensor technology, internet of things technology and mobile internet technology on urban traffic field, and promoting modern urban traffic intelligent information and things of internet level.











SUCCESS OF SIASUN 成就新級

傲立巅峰是一种高度 厚积薄发是一种力度 荣耀印证了新松的价值 领先让后来者无可企及 领先仅仅是开始……

Strong power comes from long-term accumulation. Broad field of vision owns to stand high Glorious Shine SIASUN Value, Advantages Show SIASUN Strength Leading is just a beginning





















行业内第一家诞生的以机器人技术为核心的企业

行业内第一批中国名牌产品

行业内第一家上市企业

行业内唯一的全国首批91家创新型企业

行业内唯一通过计算机系统一级资质认证的企业

China first enterprise regards robotic technology as core

First batch China Top Brand in the industry

First listed enterprise in the industry

The only selected enterprise of China First Batch 91 Innovation Enterprise

The only enterprise owns First Class Computer System Integration Certificate

JUSTRY OSITION

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SCOPE OF ERVICE

新松产品已经远销全球10多个发达国家和地区 SIASUN products have been exported to more than 10 developed countries and areas around the world









































































































发展成为具有国际竞争力的高端装备产业集团成为国际一流的高技术公司

SIASUN Aiming at Developing into A High-end Equipment Industrial Group with International Competitiveness Becoming A World Leading High-tech Enterprise



新松使命

推动产业进步 保障国防安全 提升生活品质

SIASUN Mission

Promote the development of industry
Assist the state's safety
Improve life's quality

新松核心价值观

责任 超越 共享

SIASUN Core Value

Responsibility Exceeding Sharing

DEVELOPMENT ISTORY

发展历程

Watching SIASUN development, you may browse Chinese robotic history. Developed from scientific research institution, SIASUN has become the leading robot and intelligent equipment provider in China Assuming a lofty national responsibility, SIASUN continuous creates new miracles.

新松正以崇高的民族使命,不断创造着奇迹

了解新松的内涵, 犹如浏览一部中国机器人的历史

从科研院所起步,到中国领先的机器人及智能装备供应商

20 09

9月28日,新松股票在深交所正式上市,填补了国内空白。新松承担的国家 863 专项 "FPD 基板法

28 台移动机器人成功出口并投入使用在美国大黄蜂汽车生产线上。发与产业基地正式确立。新松占地 430 亩的杭州中科光电有限公司成立,南北两大机器人员

新型工业革命的到来。《经济半小时》、《大国重器》共奎荣誉当选主席。

20 20 20 25

20 06

中国

没有出口的历史。 并实现批量出口欧、 新松工业机器人系列&

以产品在市場

来企业之星"

创造应用价值为起点而开始创业以将自主核心机器人技术以被誉为"中国机器人之父"蒋新松新松源自中国科学院