

SIASUN 新松

SIASUN

www.siasun.com

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

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新松服务号



新松订阅号



中国速度 中国水平
Chinese Speed Chinese Level

机器人 & 智能制造整体解决方案供应商

Robot & Intelligent Manufacturing Overall Solution Provider



走进新松

Access SIASUN



创新新松

Innovation



产业新松

Industries



成就新松

Achievements



SIASUN

**ACCESS
SIASUN
走进新松**

国家机器人产业化基地
National Robot Industrialization Base

向R3.0时代出发



以智能制造为业务主攻方向
拥有自主知识产权的全产业价值链
引领各行各业向“智时代”跨越式发展

Intelligent manufacturing as the main direction of business
Industry-wide value chain with independent intellectual property rights
lead the great development of all industries into the age of wisdom

ENTERPRISE 公司介绍

INTRODUCTION

沈阳新松机器人自动化股份有限公司（以下简称“新松”）成立于2000年，是一家以机器人技术和智能制造解决方案为核心的高科技上市公司。新松拥有国家级研发创新团队，坚持走自主创新之路，书写了中国机器人发展史上百余项“行业首创”！

作为国家机器人产业化基地，新松以智能制造为业务主攻方向，为产业升级提供全体系核心支撑，打造了以自主核心技术、核心零部件、核心产品及行业系统解决方案为一体的全产业链。新松拥有自主知识产权的工业机器人、移动机器人、特种机器人三大类核心产品，以及焊接自动化、装配自动化、物流自动化三大应用技术方向，同时面向国家主导产业及战略新兴产业，持续孵化汽车工业、电子工业、半导体、新能源、智慧城市、智慧康养等N+个具有高度竞争力和良好成长性的优势战略业务，构建了健康科学可持续的产业体系。

立足中国，服务世界！新松积极布局国际市场，在新加坡、泰国、马来西亚、德国等多地设立海外分子公司及区域中心。在海外拥有专业的项目工程团队和先进的研发生产基地，实现海外项目本地化实施及服务。产品已累计出口全球40多个国家和地区，为4000余家国际企业提供产业升级服务，与多家世界500强企业建立深度合作关系，规模化客户群体占比高达2/3！

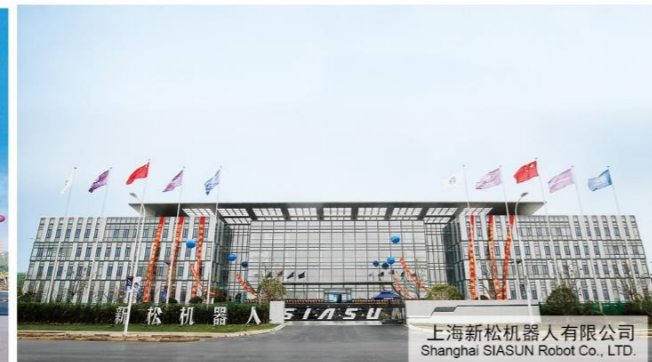
肩负着“机器人让世界更美好”的神圣使命，新松将在新时代新征程上守正创新、拼搏奋进，永葆“中国速度”，永创“中国水平”，剑指行业领先，争创世界一流！

SIASUN Robot & Automation Co., Ltd. (hereinafter referred to as "SIASUN"), established in the year of 2000, which is a high-tech listed enterprise with robotic technology and intelligent manufacturing solutions as the core. SIASUN has a national-level R&D team. SIASUN insists on the road of independent innovation. SIASUN has written more than 100 "industry initiative" in the history of Chinese robot development!

As a National Engineering Center on Robotic, SIASUN takes intelligent manufacturing as its main business direction, provides the core support of the whole system for industrial upgrading, and creates the whole industry value chain consists of core technology, core components, leading products and industry solutions. SIASUN has three core products of industrial robots, mobile robots and special robots with independent intellectual property rights, and three application technology directions of welding automation, assembly automation and logistics automation. SIASUN will continuously incubate more strategic businesses with highly competitive ability & good growth potential in national leading industries and emerging strategic industries such as automotive industry, electronic industry, semiconductor, new energy, smart city, smart healthcare, to build a healthy, scientific and sustainable industrial system.

Based in China, serve the world! SIASUN actively deploying the international market, and has established overseas subsidiaries and regional centers in Singapore, Thailand, Malaysia, Germany and etc. SIASUN has professional project engineering teams and advanced R&D and production bases overseas to realize localized implementation and services for overseas projects. Products have been exported to more than 40 countries and regions around the world, providing industrial upgrading services for more than 4,000 international companies, and establishing in-depth cooperation with many Fortune 500 enterprises, and the proportion of scale customer groups is nearly 70%!

With the sacred mission of "Robots make a better world", SIASUN will keep innovation and strive ahead in the new era and new journey, always maintain the "Chinese speed", always create the "Chinese level", lead the industry and strive to be world-class!



创新技术 Innovative Technology

人工智能
Artificial Intelligence

智能制造
Intelligent Manufacturing

网络技术
Network Technology

人机交互
Man-machine Interaction

云计算
Cloud Computing

大数据
Big Data

ooo ooo

核心零部件 Core Components

机器人控制器
Robot Controller

伺服驱动器
Servo Drivers

伺服电机
Servo Motor

末端执行器
End Effector

ooo ooo

核心产品 Core Products

机器人
Robot

工业机器人
移动机器人
特种机器人
洁净机器人
协作机器人
医疗机器人

Industrial Robot

Mobile Robot

Special Robot

Clean room Robot

Collaborative Robot

Medical care Robot

应用技术方向 Application

焊接自动化
装配自动化
物流自动化

Welding Automation

Assembly Automation

Logistics Automation

行业解决方案 Industrial Solution

半导体装备
智能交通
智慧医疗

Semiconductor Equipment

Intelligent Traffic

Smart Healthcare

汽车工业
Automotive Industry

新能源
New Energy

核工业
Nuclear Industry

3C电子
3C Electronics

工程机械
Construction Machinery

ooo ooo



让创新为价值而生
Innovation is born for value

人机共融



SIASUN

INNOVATION OF SIASUN 创新新松

从自主创新研发，到改写没有机器人出口的历史
从融合前沿技术，到推动中国机器人产业的崛起
新松不断孕育着创新的动能

From self-innovate and develop to rewritten the Chinese robot export history
From integrating of cutting-edge technologies to promoting the development of Chinese robot industry
SIASUN is continuously releasing its unique driving force

创新 INNOVATION

新松公司拥有以院士、博士及高级专业为核心的 4000 余人的国家级创新和研发团队，技术研发人员占全体员工 70% 以上，团队规模在全球机器人行业也属罕见。新松拥有“院士专家工作站”、“博士后科研工作站”等殊荣，创新产品及系统产出率 80% 以上。员工专业涉及自动控制技术、人工智能技术、机械设计与制造等，是公司坚持自主研发的中坚力量。

SIASUN talent team is rare in robotic industry globally-having a national level R&D team consisted of over 4000 employees guided by academicians and doctors; technical R&D personnel account for more than 70% of the staff. SIASUN has many awards such as Academician & Expert Workstation and Post-Doctoral Research Center. Innovative products and system production rate is over 80%, SIASUN staff majors cover Automatic Control Technology, AI Technology, Machinery Design and Manufacture, etc. who are the backbone force of enterprise's independent innovation.



创新平台 Innovation Platform

国家级创新平台 National Level R&D Platform

承担国家机器人重要攻关课题和创新项目

Undertake National Key Projects and Innovation Projects on Robotics

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

国家技术标准创新基地（机器人） National Technical Standards Innovation Base of Robot

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

机器人制造业创新中心 Robot Manufacturing Innovation Center

机器人高端研究院 Robot High-end Research Institute

工业 4.0 研究院 Industry 4.0 Research Institute

军民融合研究院 Civil-Military Integration Research Institute

人工智能研究院 Artificial Intelligence Academy

双创平台和离岸创新研究院 E&I Innovation & Offshore Innovation Research Institute

公众级创新平台 Public Level Innovation Platform

整合社会各界优秀创新资源

Integrates External Innovative Resources

中国机器人产业联盟理事长单位 President Unit of China Robot Industry Alliance

中国智能制造产业创新联盟主席单位 President Unit of China Intelligent Manufacturing Industry Innovation Alliance

中国科学院机器人与智能制造创新联盟理事长单位 President Unit of Robot and Intelligent Manufacturing Innovation Alliance (CAS)

国家机器人标准化总体组组长单位 Team Leader of National Robotic Standardized Group

中国机器人协会（筹）会长单位 President Unit of China Robot Association

东北大学机器人科学与工程学院 College of Science & Engineering Robot of Northeastern University

星创创客大赛 Creatineer Maker Competition

企业级创新平台 Enterprise Level R&D Platform

承担公司战略产品的研发

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

广州中以机器人研究院 Guangzhou Sino-Israeli Robot Research Institute

产业群组创新平台 Industries Groups Innovation Platform

以市场为导向进行应用技术研发

Proceed Application Technology R&D to Meet Customers' Needs

工业机器人 Industrial Robot

移动机器人 Mobile Robot

特种机器人 Special Robot

焊接自动化 Welding Automation

装配自动化 Assembly Automation

物流自动化 Logistics Automation

半导体装备 Semiconductor Equipment

智能交通 Intelligent Traffic

协作机器人 Collaborative Robot

医疗服务机器人 Medical & Service Robot

创新 INNOVATION

Innovation 创新成果 Achievements

起草并制定多项国家标准
Drafting and Formulating Multiple National Standards.

核心技术

工业机器人免示教技术
高精度轨迹规划与控制

非结构环境定位导航
多机器人协同调度

机器人主动柔顺控制
真空机器人智能纠偏

复合机器人控制技术
多传感器融合技术

机器人力感知技术
3D视觉技术

货到人智能拣选
机器人远程控制

Core Technologies

Teaching free technology of industrial robot
High precision trajectory planning and control

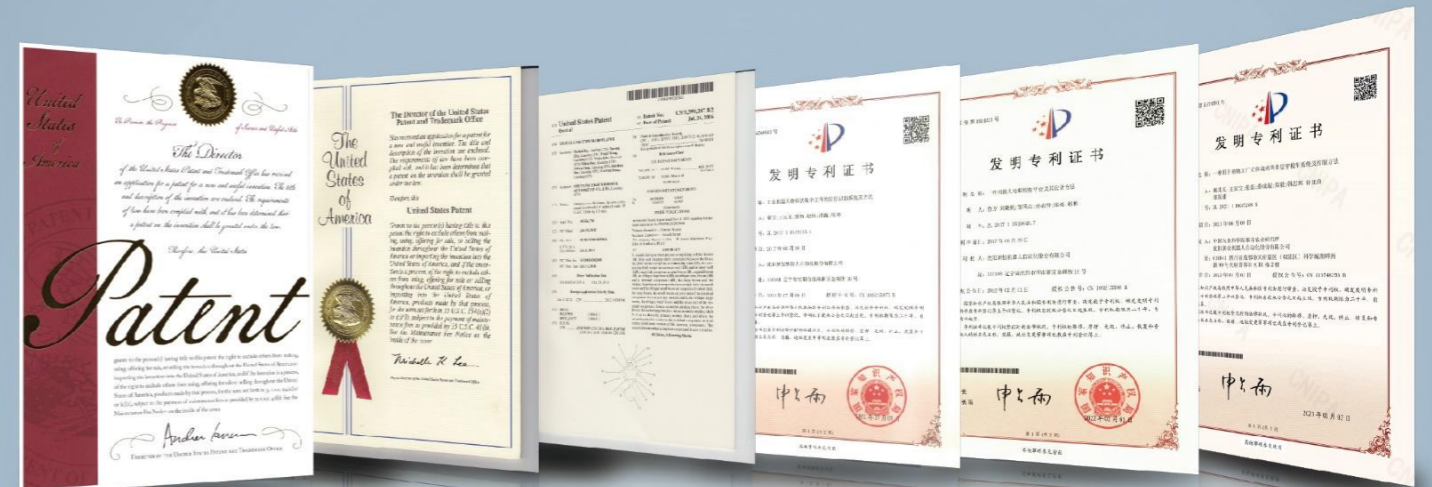
Goods to person intelligent sorting
Robot remote control

Unstructured environment positioning navigation
Multi-robot cooperative scheduling

Composite robot control technology
Multi-sensor fusion technology

Robotic force sensing
3D vision technology

Robot active compliant control
Vacuum robot intelligent deviation correction



2000+
专利
PATENT



800+
重要科技攻关
IMPORTANT SCIENTIFIC AND
TECHNOLOGICAL CHALLENGES



80+
国家及行业标准
NATIONAL AND INDUSTRIAL
STANDARDS



100+
软件著作权
SOFTWARE COPYRIGHT



Focus on Digitized IOT New Mode / 深耕智能制造 精湛而专业 综合优势领先 / Excellent & Professional / Leading Comprehensive Advantage

SIASUN

INDUSTRIES OF SIASUN 产业新松

数百种系列机器人，铸就了今天的机器人王国
精湛的智造技术让行业系统解决方案水到渠成
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

Hundreds of series of robots have created today's kingdom of robots.
The exquisite craftsmanship of intelligent manufacturing technology
has made industry system solutions readily available.
With intelligent and agile thinking, SIASUN promotes industrial transformation and upgrades.
Robots are changing our production and lifestyle.

3+3+N · 发展战略

3+3+N DEVELOPMENT STRATEGY

**3大
核心产品**
工业机器人
移动机器人
特种机器人

**3大
应用技术方向**

焊接自动化
装配自动化
物流自动化

**N⁺
战略产业**

半导体装备 协作机器人
智能交通 智慧康养
汽车工业 电子电器
光伏 氢能

.....

新松将面向国家主导产业及战略新兴产业,持续孵化更多具有高度竞争力的优势战略业务

SIASUN will continue to incubate more strategically advantageous businesses with high competitiveness to meet the needs of national leading industries and strategic emerging industries.

**3 Major
Core Products**

Industrial Robot
Mobile Robot
Special Robot

**3 Major
Application**

Welding Automation
Assembly Automation
Logistics Automation

N⁺ Strategic Industry

Semiconductor Equipment Collaborative Robot
Intelligent Traffic Smart Healthcare
Automotive Industry Electronics & Electrical Appliances
Photovoltaic Hydrogen Energy

CORE PRODUCTS

核心产品

INDUSTRIAL ROBOT

工业机器人



新松通用机器人包括负载范围在 4kg~500kg 的 30 余种产品, 主要面向点焊、弧焊、搬运、喷涂、装配、研磨等领域。新松工业机器人凭借领先的技术、良好的柔性化, 为用户提供机器人系统的全方位服务。

SIASUN general robots' load range from 4 kg to 500 kg more than 30 kinds of products, which are mainly used in spot welding, arc welding, material handling, spraying, assembly and grinding, etc. SIASUN industrial robot with leading technology and good flexibility, to provide users with a full range of robot system services.

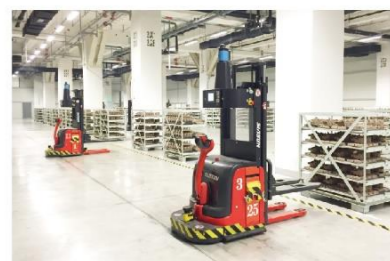
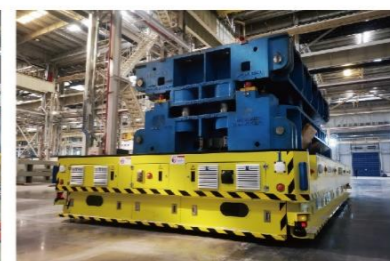
MOBILE ROBOT

移动机器人



新松依托强大的软硬件开发能力, 为用户提供多种导航形式的各类型移动机器人。
以标准产品与非标定制设备相结合, 致力于为全球不同行业用户提供性价比最优的整体物流解决方案。

Relying on strong developing capabilities of software and hardware, SIASUN provides different types of mobile robots with various navigation modes.
With the combination of standard products and non-standard customized equipment, SIASUN is committed to providing high cost performance logistics solutions for users in different industries around the world.



CORE PRODUCTS

核心产品

APPLICATION

应用技术

SPECIAL ROBOT

特种机器人



新松特种机器人是为了满足不同专业领域的需求而定制开发的机器人产品，主要包含桁架机器人、重载机器人、核用机器人等系列产品。新松公司已将特种机器人广泛应用在机械加工制造、新能源电池生产、新能源汽车电子及核工业等众多国民经济领域。

SIASUN Special Robot is customized and developed to meet the needs of different professional fields, mainly including truss robot, heavy-duty robot, nuclear robot and other products. SIASUN has widely used special robots in machining and manufacturing, new energy battery production, new energy automotive electronics, nuclear industry and many other national economic fields.

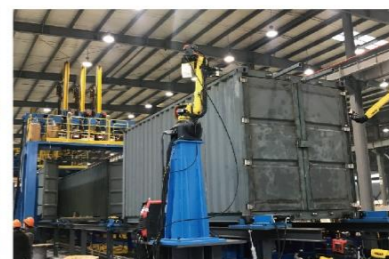
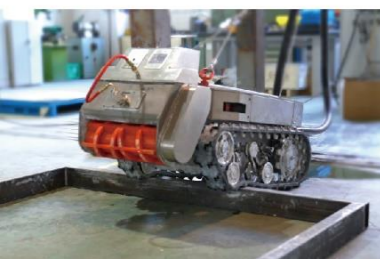
WELDING AUTOMATION

焊接自动化



作为国内知名的机器人及自动化系统集成商，新松通晓国内外先进技术标准，始终站在行业应用的高端前沿。以大量的实战经验积累，在不同的领域持续为用户提供国际水准的焊接自动化系统解决方案。

As a well-known robotic system integrator in China, SIASUN has thoroughly understandings of international leading enterprises' technical standards and always standing at the leading place in robotic application area. With a large number of practical experience accumulation, SIASUN continues to provide users with international standards of welding automation system solutions in different fields.



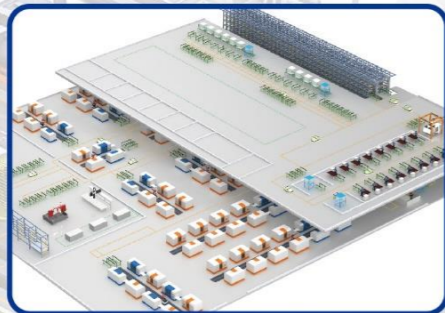
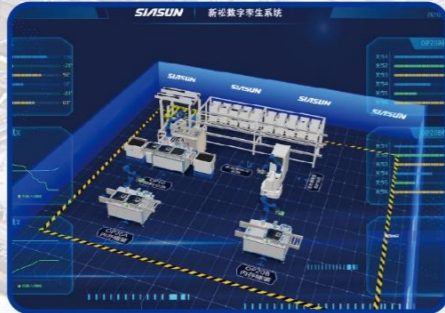
APPLICATION 应用技术

ASSEMBLY AUTOMATION

装配自动化

新松将系列机器人、智能装备和信息
系统三者高度融合，为客户提供咨询、
规划、建造、运维等一站式装配自动
化系统解决方案，引领制造业数字化
和智能化发展新方向。

SIASUN highly integrates a series of robots,
intelligent equipment and information
systems to provide customers with one-stop
assembly automation system solutions such
as consulting, planning, construction, opera-
tion and maintenance, leading the new
direction of digital and intelligent develop-
ment of manufacturing industry.

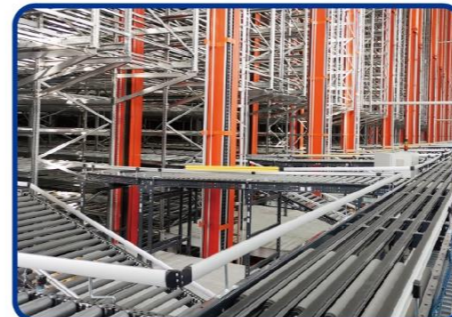


LOGISTICS AUTOMATION

物流自动化

新松拥有行业内资深的专家级技术团
队和领先的规模化生产能力，核心产
品自主研发、设计、加工，可为生产
制造及商贸流通领域的客户提供深度
定制的物流自动化解决方案。

SIASUN has a senior expert-level technical
team and leading large-scale production
capacity in the industry, independent
research and development, design and
processing of core products, and can
provide deeply customized logistics automa-
tion solutions for customers in the field of
manufacturing and commercial circulation.



STRATEGIC INDUSTRY

战略产业

SEMICONDUCTOR EQUIPMENT

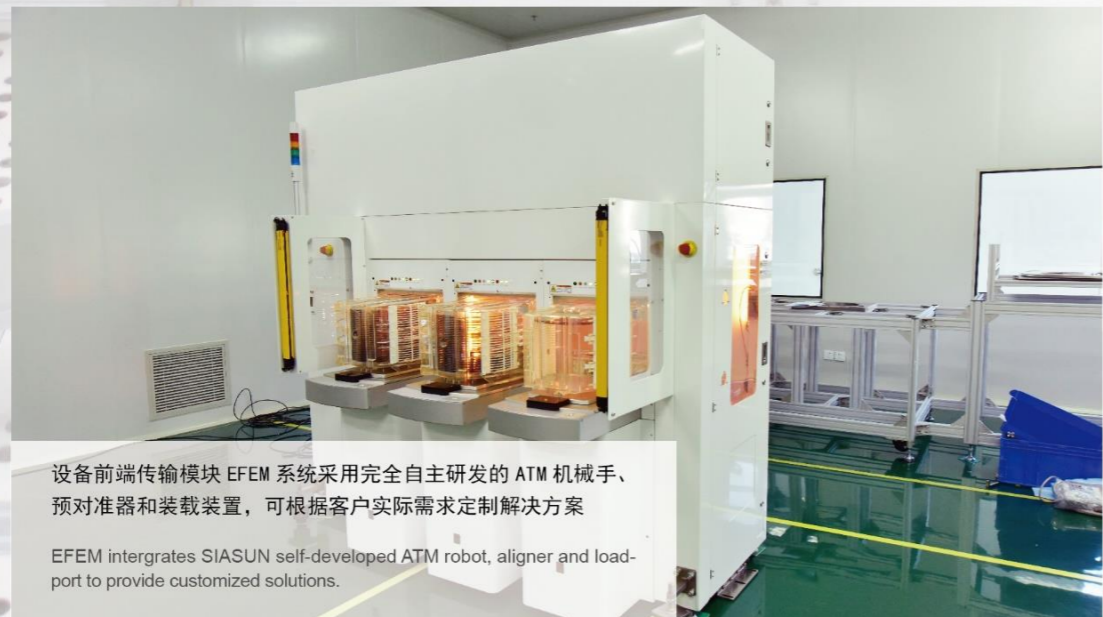
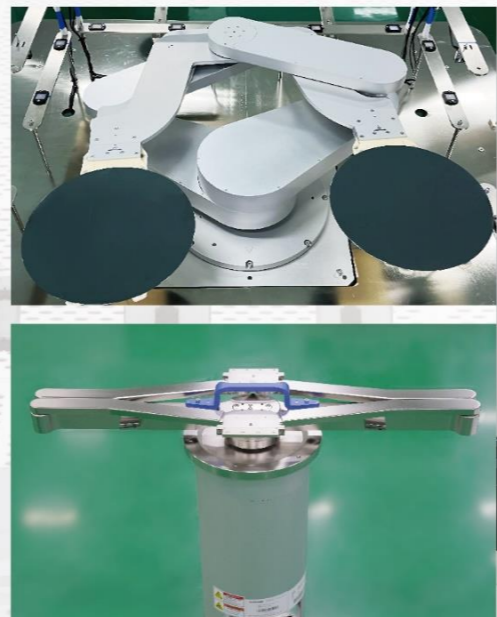
半导体装备

INTELLIGENT TRAFFIC

智能交通



真空机械手及平台是集成电路制造设备的核心组成部件，为真空环境下的传输提供可靠和高效的解决方案
Vacuum robot and platform are the key parts of IC manufacturing equipments, SIASUN provides reliable and high efficient solution for the vacuum transmission.

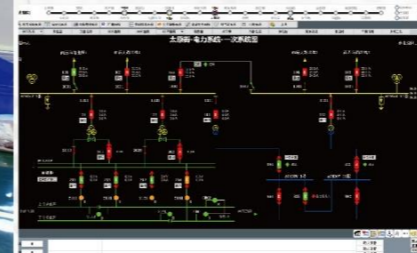


设备前端传输模块 EFEM 系统采用完全自主研发的 ATM 机械手、预对准器和装载装置，可根据客户实际需求定制解决方案
EFEM integrates SIASUN self-developed ATM robot, aligner and load-port to provide customized solutions.



新松以城市轨道交通自动售检票技术、综合监控技术为核心，提供地铁自动售检票系统解决方案、系统软件和终端设备，提供地铁综合监控系统解决方案和系统集成；以移动互联网技术和物联网技术为核心，提供城市智能公交系统、车载收费终端系统、城市一卡通系统、校企一卡通系统、手机 APP 应用等多种智慧城市解决方案；以自动驾驶技术机器人技术为核心，提供车辆转向、制动系统、耐久性测试和高级驾驶辅助系统 (ADAS) 功能测试，为车辆提供自动驾驶能力。

SIASUN takes urban rail transit automatic fare collection technology and comprehensive monitoring technology as the core, provides subway automatic fare collection system solutions, system software and terminal equipment, provides subway comprehensive monitoring system solutions and system integration. Takes mobile internet technology and Internet of Things technology as the core, we provide smart city solutions such as urban smart bus system, vehicle toll terminal system, urban card system, school-enterprise card system, mobile phone APP, etc. With robotics as the core of autonomous driving technology, we provide vehicle steering, braking systems, durability testing and advanced driving assistance system (ADAS) functional testing to provide autonomous driving capabilities for vehicles.



STRATEGIC INDUSTRY

战略产业

COLLABORATIVE ROBOT

协作机器人



新松多可 DUCO[®]协作机器人除了具备安全、简单易用、拖曳示教、快速部署等基本功能外，采用新一代的控制柜设计，尺寸减小 50%，深度集成 2D/3D 相机，以及焊接应用包，此外还可以进行云端数据监控，远程 OTA 升级等。产品广泛应用于汽车、能源、半导体、3C、食品药品、教育科研等多个行业，满足精密装配、产品包装、打磨、检测、搬运、上下料等操作需要。

In addition to the basic functions of safety, ease of use, towing teaching and rapid deployment, SIASUN DUCO collaborative robot adopts the new generation of control cabinet design, 50% compact in size, deep integration of 2D/3D cameras and welding application packages, as well as cloud-based data monitoring and remote OTA upgrades. The products are widely used in many industries such as automotive, energy, semiconductor, 3C, food and medicine, education and scientific research to meet the needs of precision assembly, product packaging, deburring, inspection, handling, loading and unloading operations.



MEDICAL & SERVICE ROBOT

医疗服务机器人



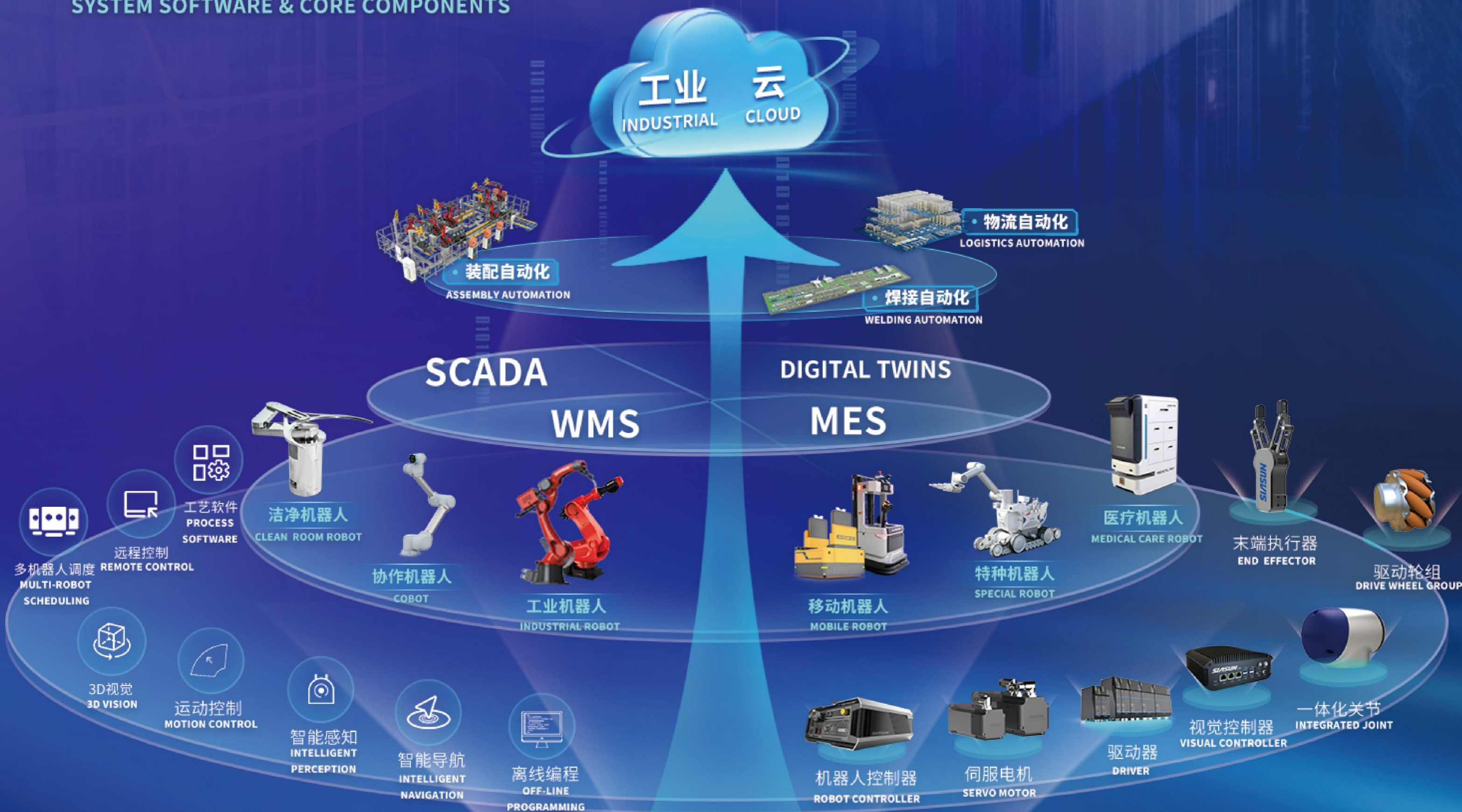
新松面向人民生命健康开展技术创新，自主研发多系列医疗康复机器人、医院物品配送机器人、智能助行器等医疗民生产品，打造智慧康养、医院物流、医疗康复、货物盘点、智慧巡检等行业系统解决方案，拥有多项行业领先的自主知识产权核心技术。

SIASUN carries out technological innovation for people's life and health, independently develops multiple series of medical rehabilitation robots, hospital goods delivery robots, intelligent walkers and other medical and livelihood products, and creates system solutions for intelligent health care, hospital logistics, medical rehabilitation, cargo inventory, intelligent inspection and other industries. SIASUN has a number of industry-leading core technologies with independent intellectual property rights.



系统软件 & 核心部件

SYSTEM SOFTWARE & CORE COMPONENTS





SIASUN

ACHIEVEMENTS OF SIASUN

成就新松

厚植创新沃土 擘画时代蓝图
Take Root in Innovation and Draw Era Blueprint

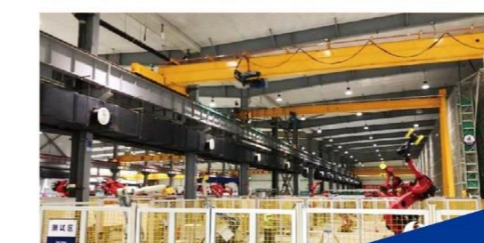
中国十大品牌



大道康庄
 人民网全媒体调研行

“大道康庄”辽宁篇
 从机器+人到机器人，“重”沈阳变“轻”了

如果说机器+人代表了沈阳的过去，从某种程度上而言，机器人代表着沈阳的未来。



沈阳新松的工业机器人

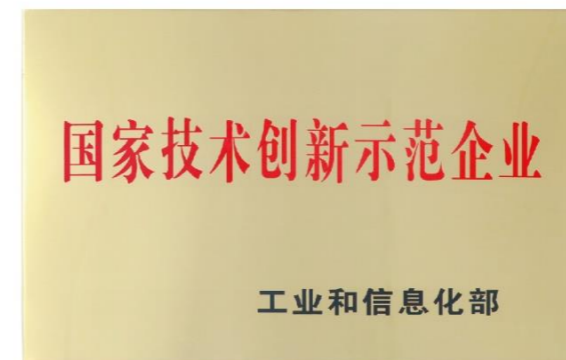
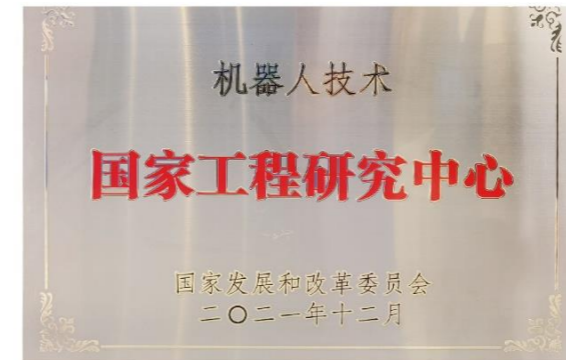
难以计数的攻关与突破背后，是孜孜不倦地潜心探索
 新松笃定前行，成就不凡

Behind numbers of difficulties and barriers, SIASUN continually explore, move forward,
 and gain extraordinary achievements

INDUSTRY POSITION 行业地位

机器人国家工程研究中心
 国家八六三计划智能机器人主题产业化基地
 中国机器人标准化总体组组长单位
 中国机器人产业联盟理事长单位
 中国移动机器人 (AGV/AMR) 产业联盟理事长单位
 国家技术标准创新基地(机器人) 牵头单位
 国家91家创新型企业
 中国科学院机器人与智能制造创新联盟理事长单位
 中国机器人产业技术创新战略联盟理事长单位
 中国机器人协会(筹) 会长单位

National Robotic Engineering Research Center
 National '863' Program Intellectual Robot Industrialization Base
 Leader of National Robot Standardized Group
 President unit of CRIA
 China Mobile Robot and AGV/AMR Industry Alliance President Unit
 National Technical Standards Innovation Base of Robot Leading Unit
 91 Innovation Enterprise
 President unit of TIIR
 President unit of TISAR
 China Robot Association(preparatory) President Unit





研发及服务中心覆盖全球 产品远销全球40多个发达国家和地区

R&D and service centers cover different regions globally
SIASUN products are exported to over 40 developed countries and regions worldwide

美国 America	加拿大 Canada	墨西哥 Mexico	丹麦 Denmark	白俄罗斯 Belarus	俄罗斯 Russia
波兰 Poland	德国 Germany	英国 United Kingdom	荷兰 Holland	比利时 Belgium	法国 France
罗马尼亚 Romania	意大利 Italy	奥地利 Austria	捷克 Czech Republic	澳大利亚 Australia	委内瑞拉 Venezuela
巴西 Brazil	哥伦比亚 Colombia	中国 China	中国香港 Chinese Hong Kong	韩国 Korea	日本 Japan
菲律宾 Philippine	越南 Vietnam	泰国 Thailand	马来西亚 Malaysia	新加坡 Singapore	印度尼西亚 Indonesia
孟加拉 Bangladesh	印度 India	缅甸 Myanmar	斯里兰卡 Sri Lanka	以色列 Israel	乌兹别克斯坦 Uzbekistan
阿联酋 The United Arab Emirates	土耳其 Turkey	南非 South Africa	毛里求斯 Mauritius	喀麦隆 Cameroon	埃塞俄比亚 Ethiopia



Vision

愿景

中国速度 Chinese Speed 中国水平 Chinese Level

行业领先 Industry-Leading 世界一流 World-Class

2022年



习近平总书记
莅临公司考察调研

2021年



新松近百台移动机器人
通过CE标准认证正式发往德国，
批量出口欧洲核心区域，
加快国际化进程

2020年



新松为电子行业
世界500强企业成功打造
新能源车载充电器智能生产线

2019年



新松核工业机器人
与智能装备推动我国
核行业智能化、无人化发展

2018年



新松成功聚焦集装箱行业
成为中集集装箱板块龙腾计划
唯一指定智能制造系统集成商

2015年



新松协作机器人震撼发布
开启人机协作新时代

2014年



新松自主研发复合机器人
批量应用

2012年



新松为国家电网打造智能
物流系统，掀起电力计量
中心智能化改造浪潮

2011年



新松洁净机器人进入国家
重点新产品计划

2009年



新松作为首批上市的
创业板公司登陆深交所

2007年



新松移动机器人产品出
口到美国通用汽车底特
律总部

2001年



国家计委正式授牌新松
机器人自动化股份有限
公司为“机器人国家工
程研究中心”

2000年



新松公司正式成立

2000, SIASUN was formally established
2001, SIASUN Robot & Automation Co., Ltd. was officially awarded as "National Robotics Engineering Research Center" by the State Planning Commission
2007, SIASUN mobile robot products are exported to the Detroit headquarters of General Motors in the United States
2009, SIASUN listed on the Shenzhen Stock Exchange as one of the first GEM companies
2011, SIASUN clean robot into the national key new product plan
2012, SIASUN builds intelligent logistics system for State Grid, and sets off the wave of intelligent transformation of power metering center

2014, SIASUN independently developed composite robot batch application
2015, SIASUN collaborative robot shock release opens a new era of man-machine collaboration
2018, SIASUN has successfully focused on the container industry and become the only intelligent manufacturing system integrator designated by CIMC Container sector Longteng Plan
2019, SIASUN nuclear industry robots and intelligent equipment promote the intelligent and unmanned development of our nuclear industry

2020, SIASUN has successfully created intelligent production lines of new energy vehicle chargers for the world's top 500 companies in the electronics industry
2021, SIASUN has passed CE standard certification and sent nearly 100 of the robots to Germany, and exported them to the core region of Europe in bulk, speeding up the process of internationalization
2022, The president of the People's Republic of China Xi Jinping visited SIASUN for investigation and research

Mission

使命

机器人让世界更美好
Robots make a better world