

# 工业机器人产品手册

**SIASUN**

www.siasun.com

Industrial Robot +  
Product Manual

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

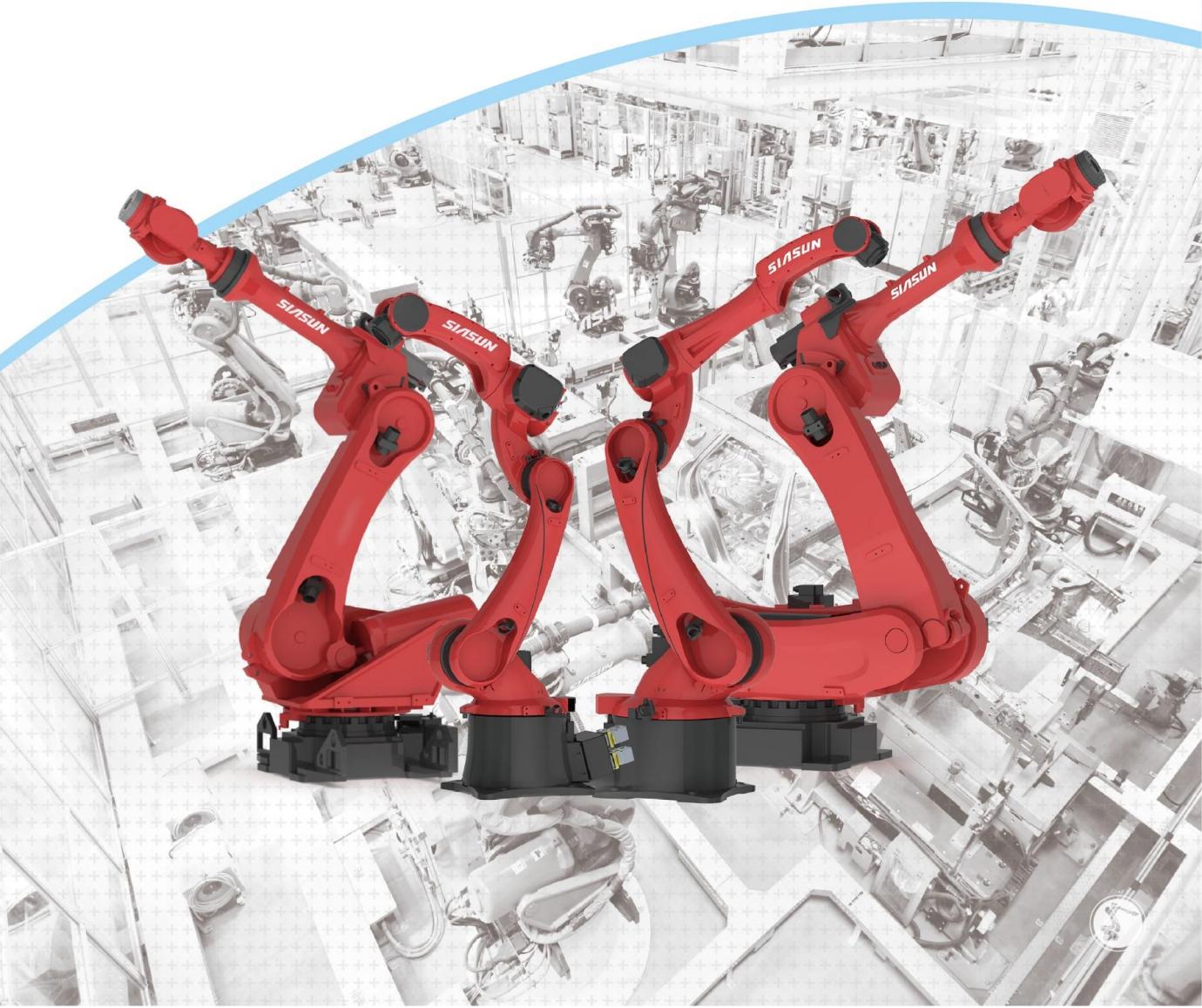
中国沈阳浑南区全运路33号  
NO.33 Quanyun Road, Hunnan District, Shenyang, P.R.China.  
Tel: 400-800-8666 E-mail: market@siasun.com

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新松服务号



新松订阅号



# 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价值链。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！新松本部位于沈阳，在沈阳、上海、青岛、天津、无锡等国内多个经济热点城市建有产业园区。同时积极布局国际市场，在新加坡、泰国、马来西亚、德国等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 group HQ locates in Shenyang, and has industrial parks in Shenyang, Shanghai, Qingdao, Tianjin, Wuxi and other domestic economic hot spot cities. On the other hand, 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!



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## 新松工业机器人 Siasun Industrial Robot BG

新松工业机器人，匠心服务于机器人在智能制造领域的应用，于 2018 年成立天津分公司，目前拥有沈阳和天津两大以工业机器人为主导的大型研发生产基地。新松工业机器人智能产品现已具备智能感知、智能认知、自主决策、自控执行等功能，在各行业进行了深度的应用实践与工艺融合，推出多款工程师系列机器人产品，可为用户量身定制完整先进的行业解决方案。

十余载的工程应用验证，数千个项目工程经验，新松工业机器人凭借领先的技术，为客户提供基于工业机器人产品与工业机器人应用相结合的增值服务，得到了全球客户的信任和支持。新松工业机器人，专注于赋能智能制造，是您自动化领域的强力伙伴。

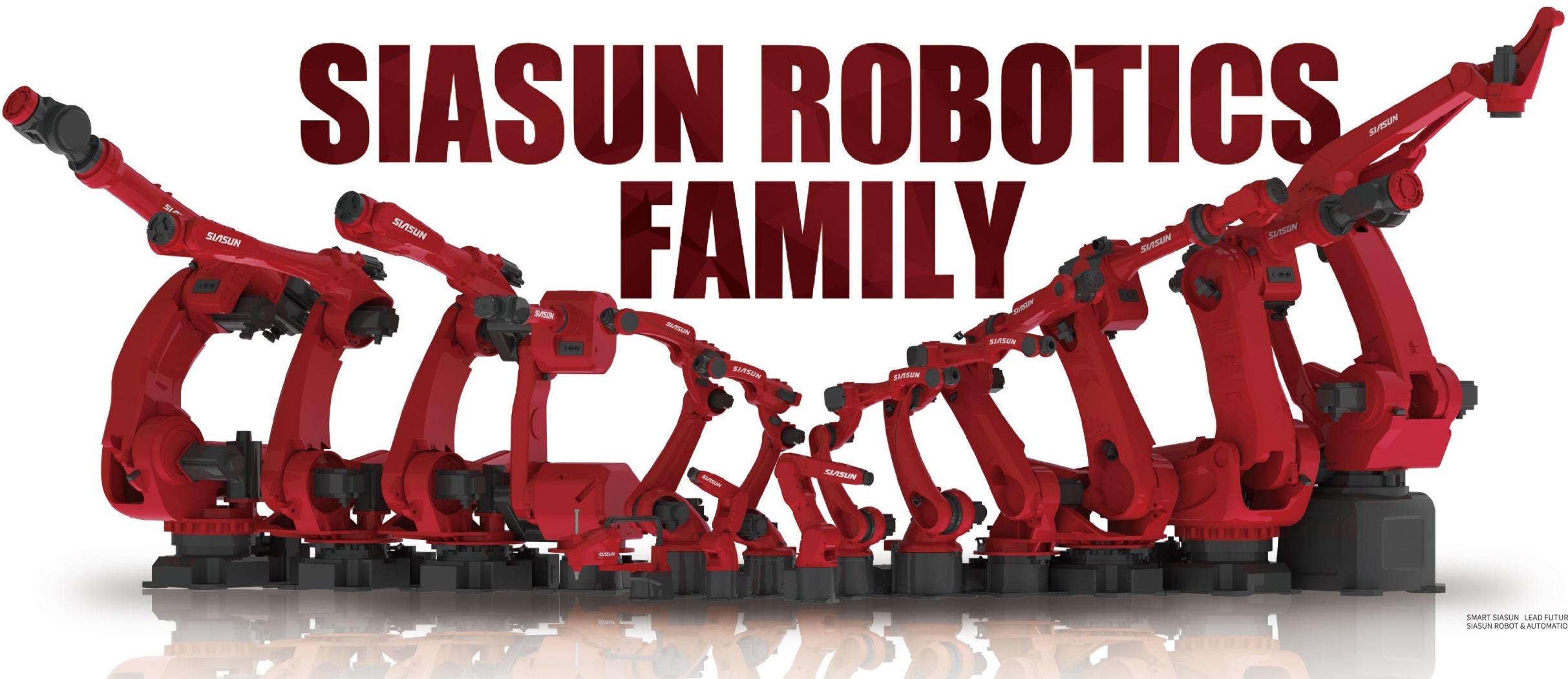
SIASUN Industrial Robot BG, dedicated to the application of robots in the field of intelligent manufacturing, established Tianjin Branch in 2018. It currently has two industrial parks, which are all large-scale R&D and production bases for industrial robots, settled in Shenyang and Tianjin respectively. SIASUN Industrial Robot Intelligent Products now has the functions of intelligent sensing, intelligent cognition, independent decision-making, and self-control execution. It has carried out in-depth application practice and process integration in various industries, and launched a variety of engineer-series of robot products, which can be tailored for users. Customize complete and advanced industry solutions.

With decades verification of engineering application and thousands of project engineering experience, SIASUN Industrial Robot provides customers with value-added technical services based on industrial robot products and industrial robot applications with leading technology, which has won the trust and support of customers all over the world. SIASUN Industrial Robots, focusing on enabling intelligent manufacturing, is a strong partner in your automation field.

- ★ 产品覆盖负载 4kg 至 210kg 多种机器人型号。
- ★ 能够把握关键工序及工艺质量，胜任点焊，弧焊，搬运，码垛，装配，打磨，抛光，涂胶，喷涂，注塑，切割等多种自动化作业。
- ★ 服务遍及汽车及零部件、重型机械、轨道交通、船舶、航空航天、冶金、电气、新能源、烟草、医药、金融及印刷出版等各国民经济领域。

- ★ Covers a variety of robot models loading from 4kg to 210kg
- ★ Can be used for various automation operations such as spot welding, arc welding, handling, palletizing, assembly, grinding, polishing, gluing, spraying, machine loading and unloading, injection molding, cutting, etc.
- ★ SIASUN industrial robots service various national economic industries such as automobiles and car parts, engineering machinery, rail transit, shipbuilding, aerospace, metallurgy, electrical, new energy, tobacco, medicine, finance, printing and publishing, etc.

# SIASUN ROBOTICS FAMILY

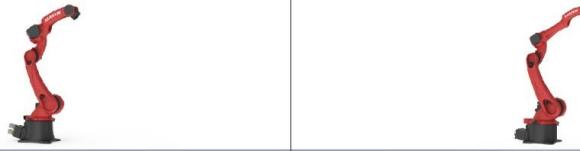
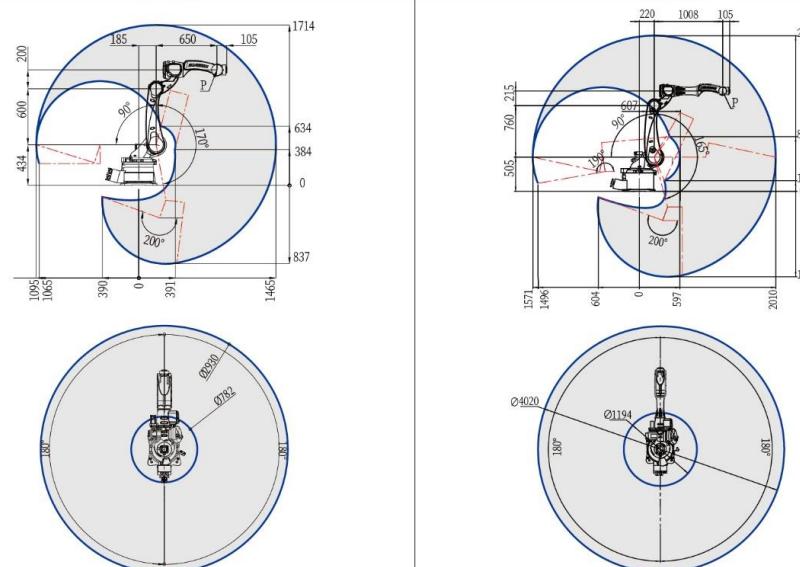
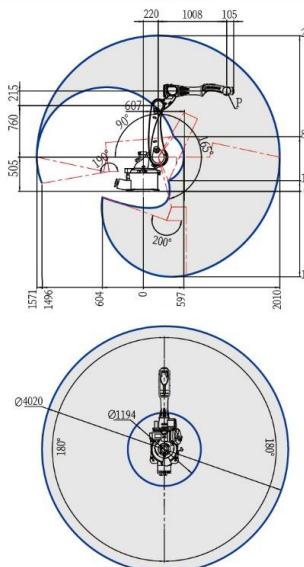


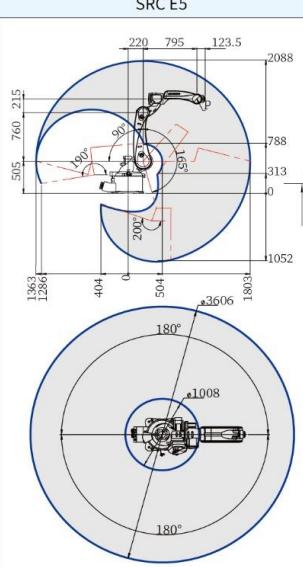
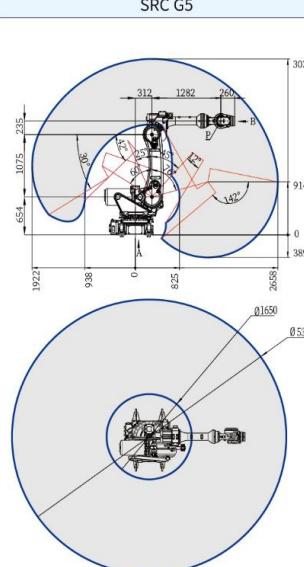
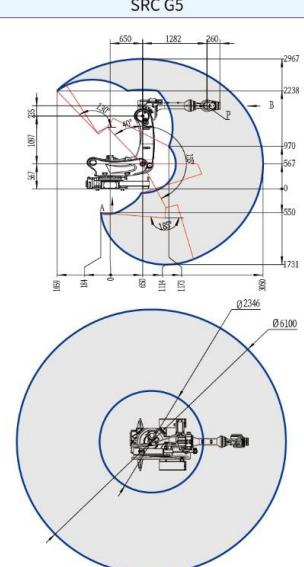
# 产品系列

## Products Series



产品特色 Features and Benefits		新松公司自主研发的6轴轻量型工业机器人，采用安全流线型设计，机身轻量紧凑、纤细小巧、中空结构的手腕，有效利用空间死角可在狭窄区域进行作业。具有其极高的灵活性、安全性、精确度等特征，特别适用于工作空间有限的柔性化生产线，满足精密装配、检测、搬运、上下料等工业操作需求，为提高生产效率做出贡献。 Siasun 6-axis light weight industrial robot with a safe and streamlined design. The body is lightweight, compact, and the wrist of the hollow structure can effectively use the space dead angle to operate in a narrow area. The robot has high flexibility, safety, high accuracy and other characteristics. It is especially suitable for flexible production line with limited working space, which can meet the requirements of precision assembly, inspection, handling, loading and unloading, to contribute to improving production efficiency.	
型号 Type	SR7A-4/0.59	SR7A-7/0.90	
负载能力 Payload	4kg	7kg	
重复定位精度 Repeatability	±0.02mm	±0.02mm	
最大工作半径 Reach	596mm	906mm	
自由度数 DOF	6	6	
运动范围 Range of Motion	J1	±170°	±170°
	J2	+80°, -144°	+96°, -130°
	J3	+265°, 119°(联合)	+291°, -150°(联合)
	J4	+194°, -54°(单轴)	+165°, -65°(单轴)
	J5	±119°	±120°
	J6	±360°	±360°
	J1	400°/s	267°/s
最大运动速度 Maximum Speed	J2	326°/s	223°/s
	J3	410°/s	315°/s
	J4	450°/s	400°/s
	J5	330°/s	400°/s
	J6	640°/s	600°/s
	J4	4.4N·m	24N·m
手腕允许力矩 Allowable wrist load moment	J5	4.4N·m	15.2N·m
	J6	2.9N·m	9.7N·m
	J4	0.15 kg·m <sup>2</sup>	0.75 kg·m <sup>2</sup>
手腕允许惯量 Wrist inertia	J5	0.15 kg·m <sup>2</sup>	0.26 kg·m <sup>2</sup>
	J6	0.1 kg·m <sup>2</sup>	0.067 kg·m <sup>2</sup>
	J4	32kg	49kg
本体重量 Body Weight	1.25KVA	1.3KVA	
电源容量 Power	IP67	IP67	
防护等级 (腕部) Protection(Wrist)	8芯, 单芯线径0.12mm <sup>2</sup>	8芯, 单芯线径0.12mm <sup>2</sup>	
预装信号线(1轴→4轴处) Reserved Signal Wire	8 cores, 0.12mm <sup>2</sup> /per conductor	8 cores, 0.12mm <sup>2</sup> /per conductor	
安装方式 Installation Position	正装、倒装、侧装 Floor, Ceiling, Wall	正装、倒装、侧装 Floor, Ceiling, Wall	
控制器型号 Controller Type	SRC C5	SRC C5	
*如果需要倒装或侧装，运动参数会受限,具体联系技术支持。 *If the robot needs to be installed on the ceiling or wall, the motion parameters will be limited. Please contact technical support for details.			
应用领域 Applications	搬运 上下料 装配... Handling, Loading and Unloading, Assembly ...		

产品特色		全新的优美造型设计;动作速度出类拔萃,满足苛刻的生产节拍;网络化控制系统,丰富的外部接口及扩展能力;完全开放的自主系统,支持各种应用开发;SIASUN Robot Virtual Work Station,支持CAD模型重建及基于CAD模型的机器人免示教作业;支持视觉、力觉等各种智能传感信息;性价比高,质优价廉的备品备件;主动及时的本地化客户服务,免您后顾之忧。	
			
Type	SR12A-12/1.46	SR25A-12/2.01	
负载能力 Payload	12kg	12kg	
重复定位精度 Repeatability	±0.03mm	±0.07mm	
最大工作半径 Reach	1465mm	2010mm	
运动范围 Range of Motion	J1 ±180°	±180°	
	J2 +90°, -170°	+90°, -165°	
	J3 +180°, -200°(联合)	+190°, -200°(联合)	
	J4 +150°, -90°(单轴)	+160°, -85°(单轴)	
	J5 ±180°	±180°	
	J6 +145°, -160°	+145°, -160°	
	J1 200°/s	200°/s	
最大运动速度 Maximum Speed	J2 200°/s	220°/s	
	J3 220°/s	220°/s	
	J4 400°/s	400°/s	
	J5 430°/s	430°/s	
	J6 720°/s	720°/s	
	J4 23N·m	23N·m	
手腕允许力矩 Allowable wrist load moment	J5 20N·m	17N·m	
	J6 9N·m	9N·m	
	J4 0.4kg·m²	0.4kg·m²	
手腕允许惯量 Wrist inertia	J5 0.38kg·m²	0.35kg·m²	
	J6 0.10kg·m²	0.1kg·m²	
	本体重量 Body Weight	120kg	250kg
电源容量 Power	2KVA	3KVA	
防护等级(腕部) Protection(Wrist)	IP65	IP65	
预装信号线(1轴→3轴处) Reserved Signal Wire	16芯, 单芯线径0.2mm²(选配) 16 cores, 0.2mm² per conductor	16芯, 单芯线径0.2mm²	
安装方式 Installation Position	正装、倒装、侧装 Floor, Ceiling, Wall	正装、倒装、侧装 Floor, Ceiling, Wall	
控制器型号 Controller Type	SRC E5	SRC E5	
			
*如果需要倒装或侧装,运动参数会受限,具体联系技术支持。 *If the robot needs to be installed on the ceiling or wall, the motion parameters will be limited. Please contact technical support for details.			
应用领域 Applications	弧焊 搬运 上下料 打磨 码垛 涂胶 装配 ... Arc Welding, Handling, Loading and Unloading, Grinding, Palletizing, Gluing, Assembly, ...		

Features and Benefits		Bran-new graceful style design; Meet harsh TAKT with rapid speed; Networked Control Systems, abundant external interface with high extension capability; Completely open independent control system could support multiple application development; SIASUN Robot Virtual work station support CAD model reconstruction and non-teach job on basis of CAD modeling; Support the information processing of intelligent sensor on vision and force sensation; High cost-effective, spare parts are low cost and high quality; Active and localization of timely customer service, avoid you trouble back at home.			
Type	SR25A-20/1.80	SR210A-210/2.65	SR210A-210/3.05-DW		
负载能力 Payload	20kg	210kg	210kg		
重复定位精度 Repeatability	±0.05mm	±0.2mm	±0.2mm		
最大工作半径 Reach	1803mm	2658mm	3050mm		
运动范围 Range of Motion	J1 ±180°	±180°	±180°		
	J2 +90°, -165°	+60°, -76°	+40°, -155°		
	J3 +190°, -200°(联合)	+230°, -142°(联合)	+130°, -185°(联合)		
	J4 +160°, -85°(单轴)	+165°, -78°(单轴)	+170°, -70°(单轴)		
	J5 ±180°	±125°	±125°		
	J6 ±360°	±360°(±180°)*	±360°		
	J1 200°/s	100°/s	90°/s		
最大运动速度 Maximum Speed	J2 220°/s	90°/s	80°/s		
	J3 220°/s	85°/s	85°/s		
	J4 380°/s	120°/s	160°/s		
	J5 420°/s	120°/s	120°/s		
	J6 550°/s	190°/s	220°/s		
	J4 52N·m	1274N·m	1274N·m		
手腕允许力矩 Allowable wrist load moment	J5 52N·m	1274N·m	1274N·m		
	J6 32N·m	686N·m	686N·m		
	J4 2.4kg·m²	120kg·m²	120kg·m²		
手腕允许惯量 Wrist inertia	J5 2.4kg·m²	120kg·m²	120kg·m²		
	J6 1.2kg·m²	70kg·m²	70kg·m²		
	本体重量 Body Weight	250kg	1400kg	1500kg	
电源容量 Power	3KVA	8KVA	8KVA		
防护等级(腕部) Protection(Wrist)	IP65	IP67	IP67		
预装信号线(1轴→3轴处) Reserved Signal Wire	16芯, 单芯线径0.2mm² 16cores, 0.2mm² per conductor	32芯, 单芯线径0.2mm² 32cores, 0.2mm² per conductor	32芯, 单芯线径0.2mm² 32cores, 0.2mm² per conductor		
安装方式 Installation Position	正装、倒装、侧装 Floor, Ceiling, Wall	正装 Floor	正装 Floor		
控制器型号 Controller Type	SRC E5	SRC G5	SRC G5		
					
* 点焊应用版土180° Spot Welding System ±180°					
Applications	搬运 上下料 打磨 码垛 涂胶 装配 包装... Handling, Loading And Unloading, Grinding, Palletizing, Gluing, Assembly ,Packing ...				

## SIASUN 新一代控制系统

### SIASUN Industrial Controller

开放、安全、更灵巧  
More open, safe, dexterous

高效、高稳定性、灵活性高  
High efficiency, stability and flexibility

开放接口, 支持二次开发  
Open interface, support secondary development

丰富的应用软件包(弧焊、点焊、打磨、喷涂、上下料等)  
Abundant application software package(arc weld, spot weld, grinding, spray coating, loading and unloading)

型号 Type	*1	SRC C5
	*2	SRC M5
	*3	SRC E5
	*4	SRC G5
概略重量 Weight	*1	15kg
	*2	70kg
	*3	80kg
	*4	180kg
电源 Power	*1	单相AC220V(-15%~+10%), 50/60Hz Single-phase AC220V (-15% ~ +10%), 50/60 Hz
	*2, *3, *4	三相AC380V(-15%~+10%), 50/60Hz Three-phase AC380V (-15% ~ +10%), 50/60 Hz
控制系统 Control System		完全独立同时控制 (4/6个机器人本体轴。可扩展6个外部轴) Fully independent simultaneous control (4/6 robot axes. Extendable 6 external axes)
冷却系统 Cooling System		间接冷却(风冷) Indirect cooling (Air-cooled)
周边温度 Temperature		0°C~+45°C (运转时 Running); -20°C~+60°C (运输保管时 Transport custody)
相对湿度 Relative humidity		<90%RH (无冷凝 No condensation)
接地 Ground		机器人专用接地系统 Special Earthing System for Robots
存储容量 Storage	记忆介质(存储器) Memory medium (Memory)	CFast卡
	记忆容量 Memory capacity	4GB
I/O接口 I/O Ports	通用物理I/O端口 General Purpose Physical I / O Ports	标配输入、输出各16点, 可通过增加模块扩展为输入、输出各1024点。 Standard configuration input and output 16 points each, can be expanded to 1024 points each input and output by adding modules.
	可扩展总线IO Scalable bus IO	1024
	组IO Group IO	8组可配置 8 groups can be configured
	IO输入规格 Input Specifications	24V, 低电平有效, 高低电平可配 24V low level active, high & low levels can be matched
	IO输出规格 Output Specifications	24V, 低电平有效, 高低电平可配 24V low level active, high & low levels can be matched
接口 Interface		标配接口 RS-232, Devicenet从站、Profinet主站、ModbusTCP 主站、CC-link从站、EtherNet/IP主从站。 可选配接口 Devicenet从站、Profinet主站、ModbusTCP 主站、CC-link从站、EtherNet/IP主从站。 Standard configuration contains: RS-232, Devicenet master, Profinet slave, ModbusTCP slave. Optional configuration contains: Devicenet slave, Profinet master, ModbusTCP master, CC-link slave, EtherNet/ IP master/ slave.
防护等级 Protection	*2, *4	IP54 (后隔腔为 posterior compartment IP22)
	*1	IP32, IP54 (选配Optional)
	*3	IP54

## SIASUN 示教器

触屏示教、功能丰富  
Touch screen teaching, feature-rich

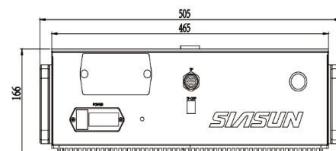
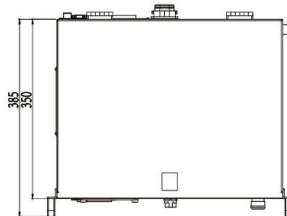
操作更直观、快速、高效  
More intuitive, fast and efficient operation

新增热插拔功能, 易于更换  
New hot swap function, easy to replace

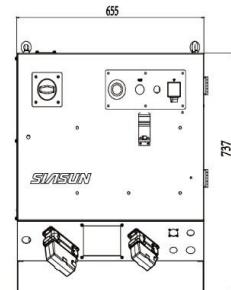
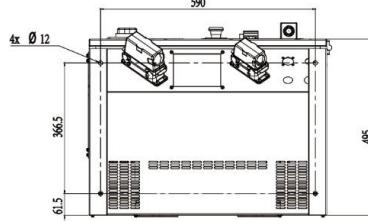
配套多功能软件包, 实现特定生产工艺  
Supporting multifunctional software package to realize specific production process

示教器 Teach Pendant	彩色触摸屏8英寸 800*600分辨率单手三档安全开关 color touch level 8 inch 800*600 resolution single hand three gear safety switch
操作 SW Operation	急停按钮、模式切换 scam button, mode switch
外部存储装置接口 External storage device interface	USB

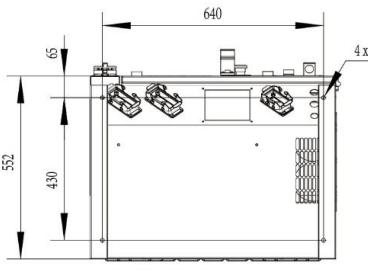
① SRC C5



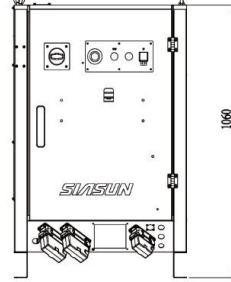
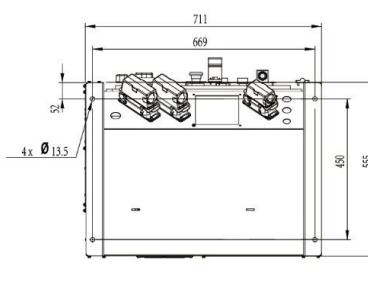
② SRC M5



③ SRC E5



④ SRC G5



SRTP6QA Teach Pendant



### ■ 新松机器人工业智能开发平台

### SIASUN Robot Industrial Intelligence Platform

SIASUN Robot Industrial Intelligence Platform 是新松工业机器人推出的具有中国自主知识产权、全球领先的以工业机器人为核心的工业智能平台系统。智能平台系统可以为企业提供系统建模、工序配置、工艺流程规划、工艺流程仿真、工艺专家库和工艺流程控制，为企业提供专家级的自动化服务。通过智能平台的虚拟化工艺流程，可以验证工艺流程的合理性，包括运动空间、逻辑时序、空间干涉等，同时计算工艺流程的时间节拍，提供合理的人机交互时机，异常处理方式。智能平台内部集成的工艺专家库可通过对应的应用场景，进行人工智能算法推理，产生适应该应用场景的工艺参数。SIASUN Robot Industrial Intelligence Platform，是新松机器人强大的智能云平台。

SIASUN Robot Industrial Intelligence Platform is a new industrial intelligent platform system with China's independent intellectual property rights. The intelligent platform system can provide enterprises with system modeling, process configuration, process planning, process flow simulation, process expert library and process flow control, and provide expert-level automation services for enterprises.

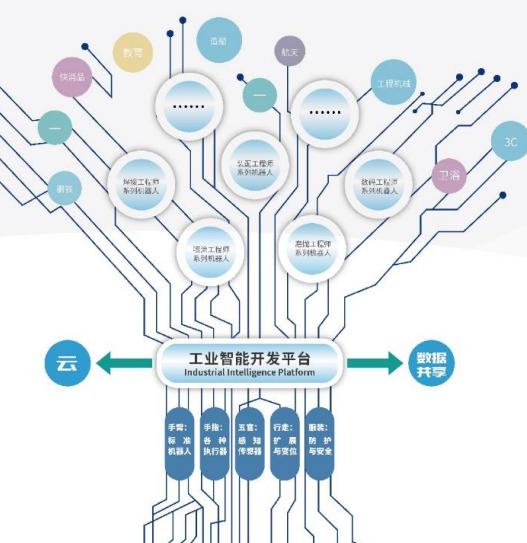
With the help of the virtualization process of the intelligent platform, the rationality of the process flow can be verified, including the motion space, logic timing, spatial interference, etc., while calculating the time of the process flow, providing reasonable human-computer interaction timing and abnormal processing mode. The process expert library integrated in the intelligent platform can perform artificial intelligence algorithm reasoning through corresponding application scenarios, and generate process parameters adapted to the application scenario. SIASUN Robot Industrial Intelligence Platform, the powerful intelligent cloud platform for Siasun robots.

### ■ 品牌特色

1. 五大机器人工程师系列
2. 开放式用户体验模式
3. 专业大规模定制解决方案
4. 生态赋能，助力企业智能制造转型升级

#### Characteristic

1. Five major Engineers-series of robots
2. Flexible and friendly user experience
3. Professional on Proposing solutions of mass customization
4. Ecological empowerment, helping enterprises to transform and upgrade their intelligent manufacturing



新松智能平台系统，可实现目标对象全流程的智能化与自动化生产，将是未来智慧企业生产制造的核心平台。

SIASUN Intelligence Platform System can realize the intelligent and automated production of the whole process of target objects, and will be the core platform for the future manufacturing of smart enterprises.



## Technology demonstration

### 新松为提高机器人用户的生产效率、降低系统成本，开发了一系列的软件产品，使机器人的使用更为简便。

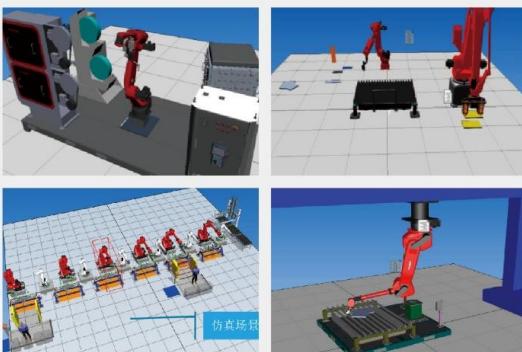
In order to improve the efficiency of production and reduce the cost of the system, SIASUN has developed a series of software products, which makes the use of the robot more convenient

### ■ 新松 S-Virtual 系统

- 1、实现间接示教及快速编程，直观观察编程结果
- 2、机器人选型及场地可视化布局，动作可达性验证
- 3、虚拟空间测量，及测量数据的曲面重建
- 4、基于模型的加工规划
- 5、支持作业碰撞检测

#### SIASUN S-Virtual System

- 1、Indirect teaching and fast programming, visual programming observed results
- 2、Robot selection and venue visual layout, accessibility verification operation
- 3、Virtual space measurement, and CPM of measuring data
- 4、Processing plan of model
- 5、Collision detection



### ■ 新松 S-Expert 系统

- 1、数据在线收集
- 2、模块化管理
- 3、智能判断、自主决策
- 4、强大的工艺参数数据库
- 5、系统开放可扩展

#### SIASUN S-Expert System

- 1、Online data collection
- 2、Modular management
- 3、Intelligent judgment, Autonomous decision
- 4、Powerful database parameters
- 5、Openness and Extensibility



### ■ 新松 S-Touch 系统

- 1、力觉感知
- 2、实时通讯
- 3、阈值设定
- 4、高灵敏度

#### SIASUN S-Touch System

- 1、Force Perception
- 2、Realtime Communication
- 3、Threshold Setting
- 4、High Sensitivity



# SINSUN 技术展示

## Technology demonstration

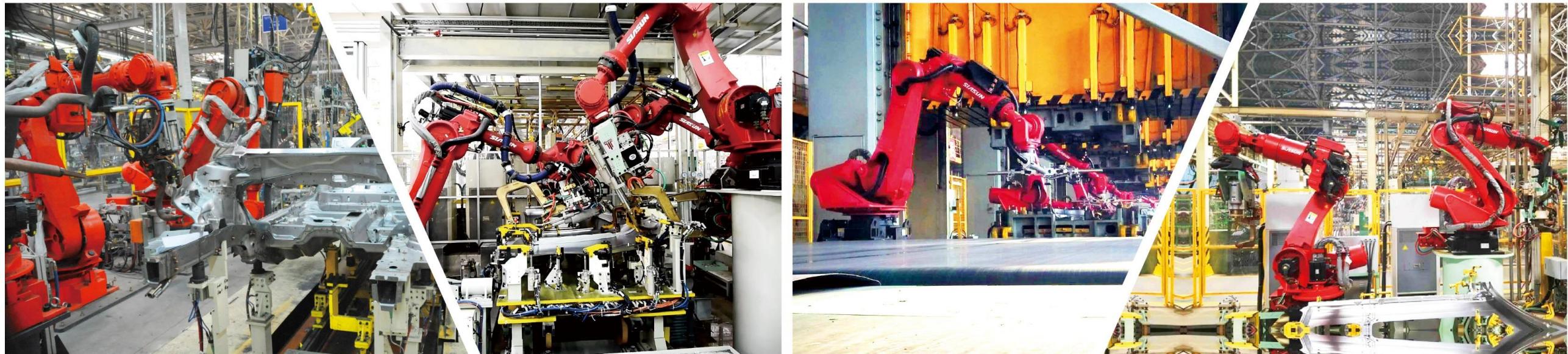
### ■ 新松 S-MES 系统

### SIASUN Manufacturing Execution System

S-MES 系统即制造执行系统，是一套面向制造企业车间执行层的生产信息化管理系统。MES 可以为企业提供包括制造数据管理、计划排程管理、生产调度管理、质量管理、资源管理、工作中心、设备管理、工具工装管理、项目看板管理、生产过程控制、底层数据集成分析、上层数据集成解析等管理模块，为企业打造一个扎实、可靠、可行的制造协同管理平台。MES 能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。当工厂发生实时事件时，MES 能对此及时做出反应、报告，并用当前的准确数据对它们进行指导和处理。这种对状态变化的迅速响应使 MES 能够减少企业内部没有附加值的活动，有效地指导工厂的生产运作过程，从而使其既能提高工厂及时交货能力，改善物料的流通性能，又能提高生产回报率。MES 还通过双向的直接通讯在企业内部和整个产品供应链中提供有关产品行为的关键任务信息。

S-MES system that is manufacturing execution system, it is a manufacturing plant for the production of executive-level information management system. MES can provide enterprises with including manufacturing data management, planning and scheduling management, production scheduling management, quality management, resource management, work center / device management, tooling management, project Kanban management, manufacturing process control, the underlying data integration analysis, the upper data integrated management module decomposition, for enterprises to build a solid, reliable, comprehensive and feasible manufacturing collaborative management platform. MES through the transmission of information to achieve the completion of the entire production process from order to optimize the management. When the plant real-time events occurred, MES can respond to this in a timely manner, reporting, and use current and accurate data to guide them and deal with .The rapid response to the change of state that MES can reduce non-value-added activities within the enterprise, effectively guide the production and operation of the plant, making it both timely delivery to improve plant capacity, improve the flow properties of the material, but also improve the production rate of return. MES through two-way direct communication products provide mission-critical behavior of information within the enterprise and throughout the product supply chain.





## ● 汽车 / 汽车零部件行业应用方案

Automotive & Automotive Component Robotics Solutions

点焊机器人系统 Spot Welding System

弧焊机器人系统 Arc Welding System

磨抛系统 Grinding & Polishing System

涂胶机器人系统 Gluing System

装配机器人系统 Assembly System

喷涂系统 Painting System

冲压机器人系统 Press System

搬运系统 Handing System

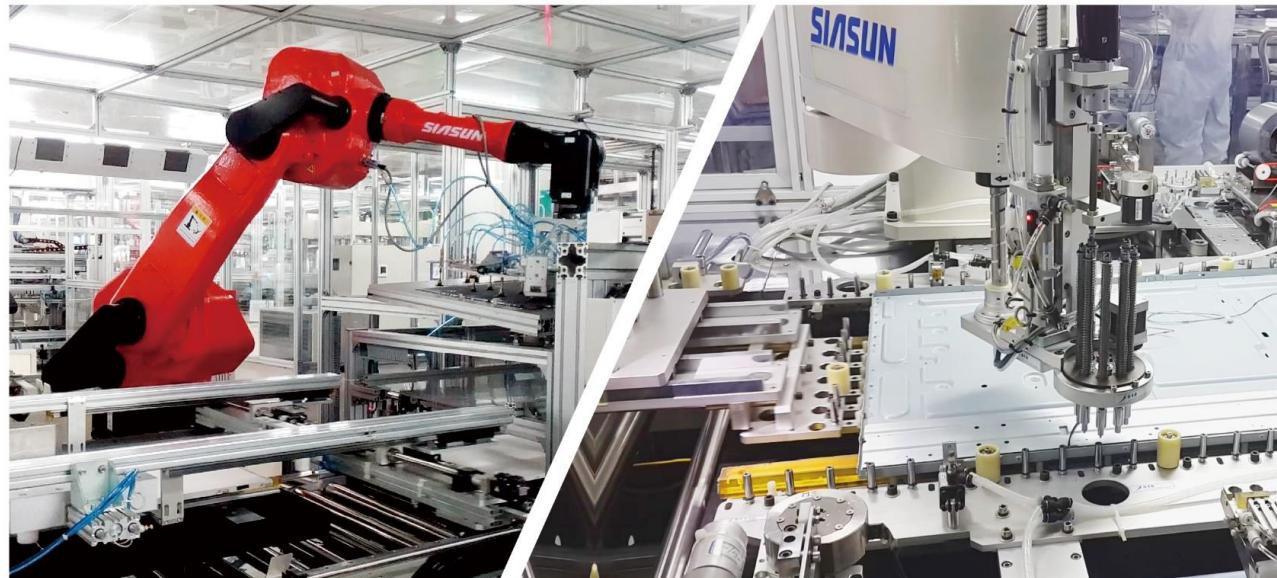
铆接系统 Clinch System

上下料系统 Loading & Unloading System

打孔系统 Punching System

检测系统 Detection System





## ● 重型机械行业应用方案

Engineering Machinery Industry Solutions

焊接及切割 Welding & Cutting

加工上下料 Loading & Unloading

喷涂系统 Painting System

## ● 家电行业应用方案

Household Appliances Industry Solution

冲压机器人系统 Press System

装配系统 Assembly System

涂胶系统 Sealing System

检测系统 Detection System

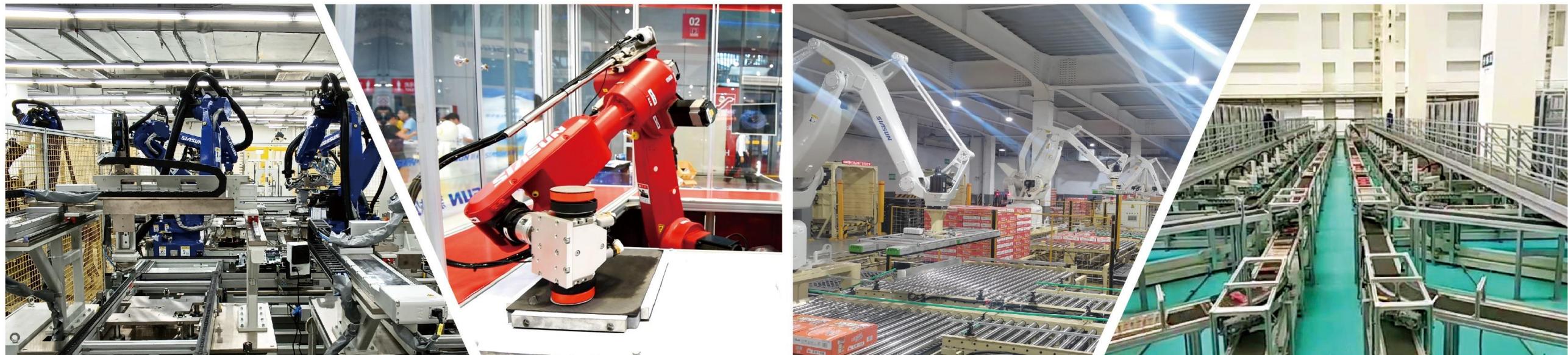
磨抛系统 Grinding & Polishing System

上下料系统 Loading & Unloading System

搬运系统 Handling System

PCBI 撕模、卡合系统 PCBI Dyestripping & Engaging System





## ● 电气电子 / 消费电子行业应用方案

Electronics industry Solutions

上下料系统 Loading & Unloading System

焊接系统 Welding System

磨抛系统 Grinding & Polishing System

PCB 电镀线搬运 PCB Plating Line Handling System

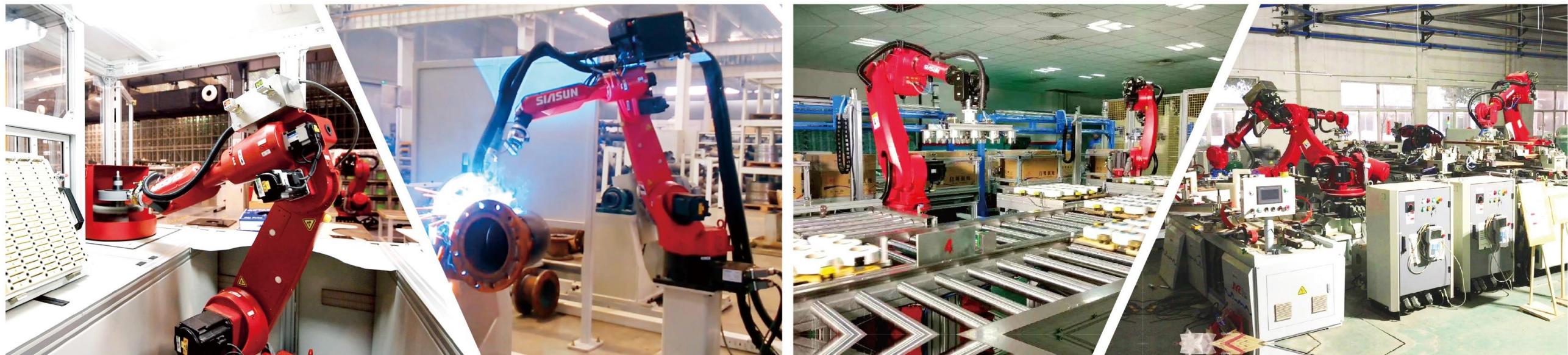
## ● 食品 / 烟草 / 医疗行业应用方案

Food & Medical industry Solutions

物流搬运 Material Handling

装箱码垛 Packing & Palletizing System





## ● 一般工业应用方案

General Industry Solutions

焊接及切割 Welding & Cutting

铸锻上下料 Die Cast Unloading

装配 Assembly

物流搬运 Material Handling

加工上下料 Loading/Unloading

磨抛、精加工

Grinding & Polishing , Fine machining

## ● 纺织 / 化工行业应用解决方案

Textile & Chemical Industry Solutions

分拣包装 Packing & Packing System

物流搬运 Material Handling

码垛系统 Palletizing System

上下料系统 Loading & Unloading System

## ● 家装制品行业应用方案

Decorating industry Solutions

搬运系统 Handling System

磨抛系统 Grinding & Polishing System

码垛系统 Palletizing System

喷涂系统 PaintingSystem



## 合作伙伴

Cooperative partner

### ■ 汽车及零部件



## 一般行业

General industry

### ■ 家电



### ■ 电子通信



### ■ 金属加工



### ■ 能源行业



### ■ 玻璃光伏



### ■ 食品药品



### ■ 家居用品



### ■ 纺织印刷及物流输送



### ■ 教育实训



## 价值与服务 Value and Service



### 演绎智能风采的可靠产品

- 新松工业机器人产品，动作可靠流畅，性能优越，功能丰富，是质量可靠的机器人智能产品。
- 可集成度高，可选配S-Eye、S-Touch等多种智能技术，能够满足智慧工厂的各种智能功能需求。
- 根据各行业的实际应用情况，通过不断改善优化，新松工业机器人产品现已与各行业工艺结合十分融洽，行业应用效果良好。

### 强大的技术开发实力

- 公司聚集各行业的技术专家，从设计到生产拥有专业的人才队伍，拥有院士2名，70%以上的高学历人才队伍。
- 时刻关注国际科技前沿，与国际组织保持密切沟通与联系，新松机器人始终位于主流机器人行业内。

### 遍布全国的服务网络

- 营销及技术服务团队覆盖全国主要地区，遍及欧洲及东南亚。
- 为集成商、代理商提供公平、优质的营销环境，一同维护品牌竞争力，为客户持续提供价值。

### 完善的售后服务体系

- 专门针对客户设立的产品培训中心
- 国内快速响应及应急中心
- 专业的售后服务团队
- 7\*24h的售后保障
- 可靠的保养维护及技术支持服务

**SIASUN**

#### Reliable products that perform real intelligence

- Siasun industrial robot products, with reliable and smooth operation, superior performance and rich functions, are the world's leading robotic intelligent products.
- High integration, optional S-Eye, S-Touch and other intelligent technologies to meet the various intelligent functions of smart factories.
- According to the actual application of various industries, through continuous improvement and optimization, Siasun industrial robot products are now well integrated with various industries and the industry has a good application effect.

#### A nationwide service network

- The marketing and technical service team covers major regions across China, including overseas market.
- Provide fair and high-quality marketing environment for integrators and agents, jointly maintain brand competitiveness, and continuously provide value to customers.

#### International first-class technology development strength

- The company has gathered technical experts from various industries, and has a professional talent team from design to production. It has 2 academicians and more than 70% of highly educated talents.
- Always pay attention to the frontiers of international science and technology, and maintain close communication and contact with international organizations, so that Siasun always maintains its leading position in the robot industry.

#### Perfect after-sales service system

- Product training center for customers.
- Domestic Rapid Response and Emergency Center.
- Professional after-sales service team.
- 7\*24h after-sales guarantee.
- Reliable maintenance and technical support services.

# 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 TIR

President unit of TISAR

China Robot Association(preparatory) President Unit

