

工业机器人系统及解决方案

Industrial Robot +
Systems & Solutions



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技术服务，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 500kg 多种机器人型号

☆ 五大工程师系列产品：机器人焊接工程师、机器人搬运工程师、机器人打磨工程师、机器人喷涂工程师、机器人装配工程师。

五大系列产品能够把握关键工序及工艺质量，胜任点焊、弧焊、搬运、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、航天航空、冶金、电气、新能源、烟草、医药、金融及印刷出版等国民经济领域。

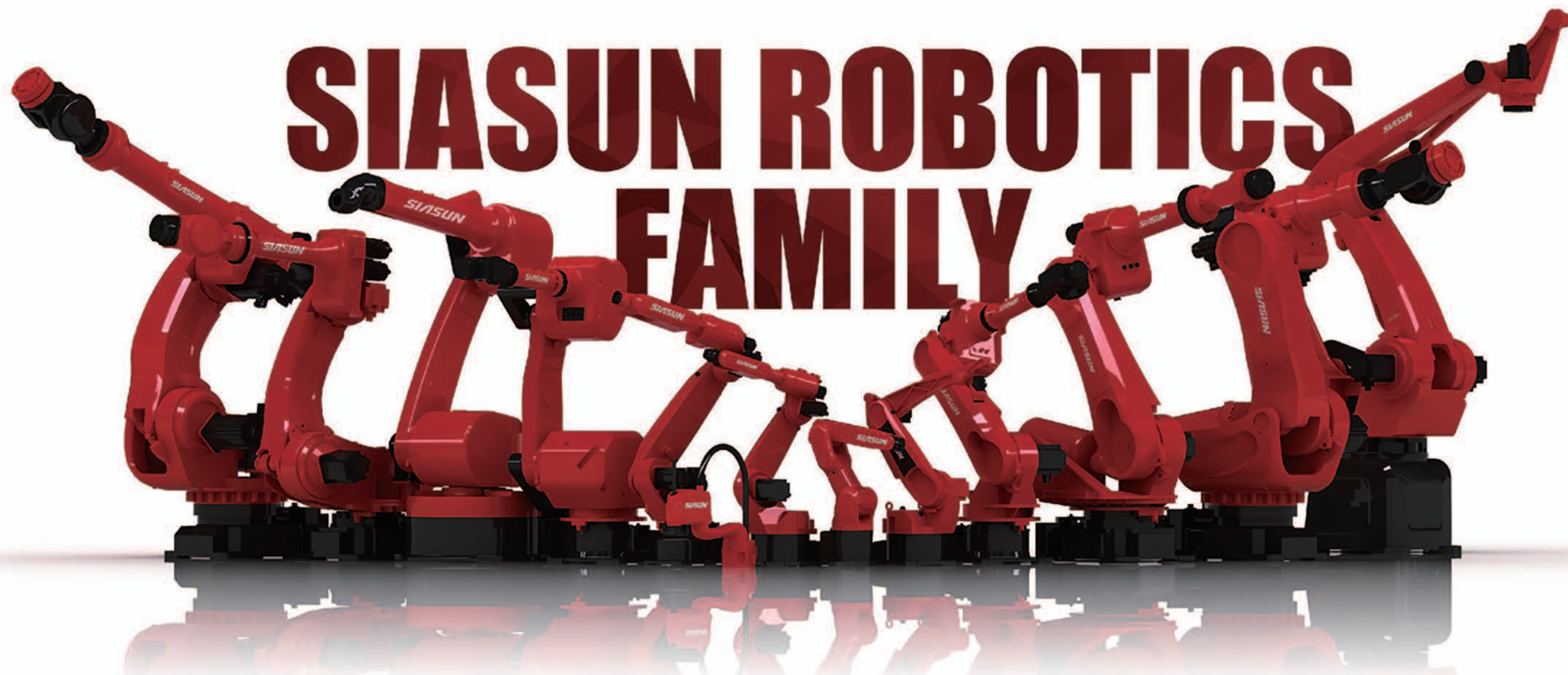
☆ Covers a variety of robot models loading from 4kg to 500kg

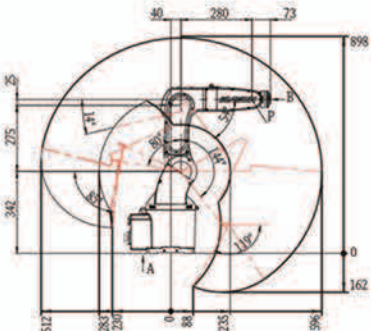
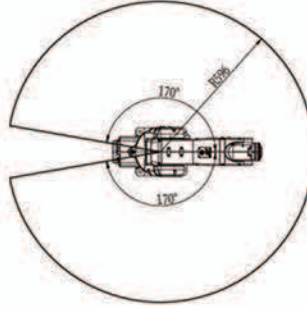
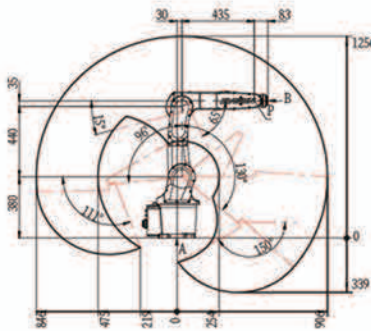
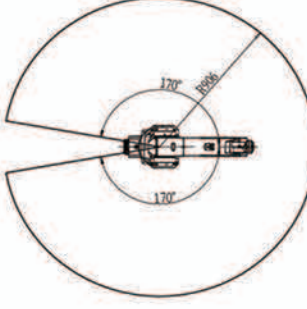
☆ Five major engineer-series of robots: welding engineer, coding engineer, grinding engineer, coating engineer, assembly engineer. The five series of products can grasp key processes and process quality: they can be used for various automation operations such as spot welding, arc welding, handling, assembly, grinding, polishing, gluing, spraying, machine loading and unloading, injection molding, cutting, etc.

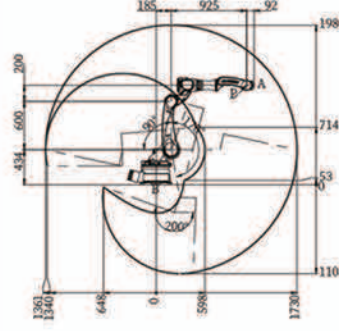
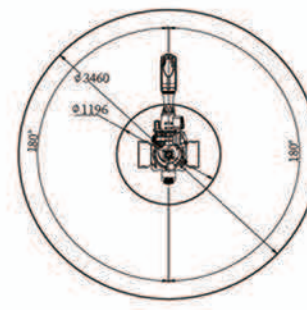
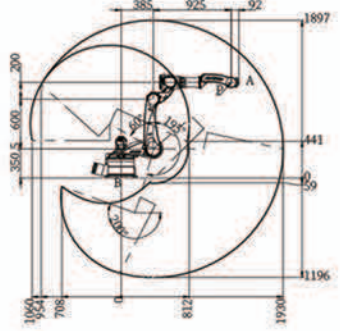
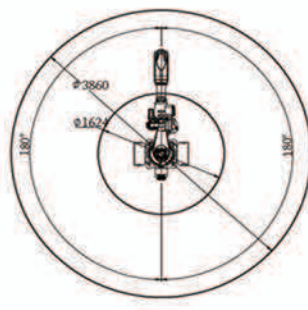
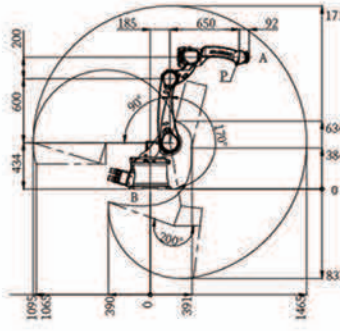
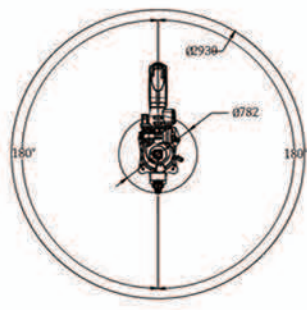
Services cover various national economic industries such as automobiles and parts, engineering machinery, rail transit, ships, aerospace, military, metallurgy, electrical, new energy, tobacco, medicine, finance, printing and publishing.

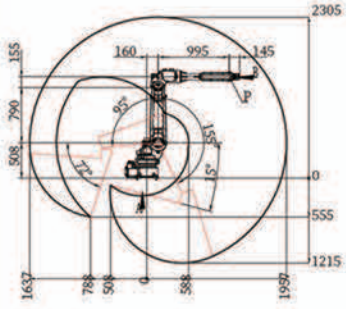
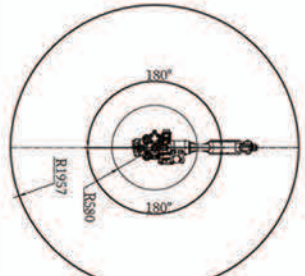
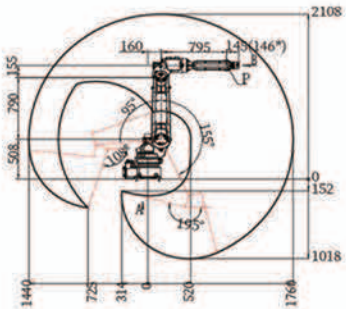
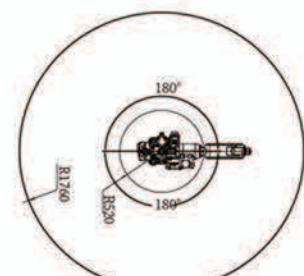
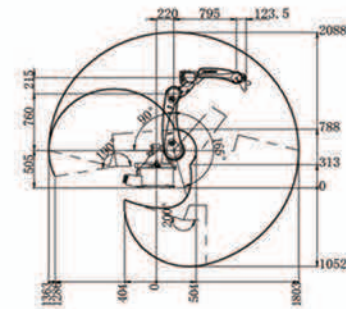
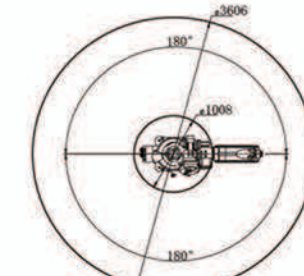
☆ SIASUN industrial robots service various national economic industries such as automobiles and car parts, engineering machinery, rail transit, shipbuilding, aerospace, metallurgy, electrical, new energy, tobacco, medicine, finance, printing and publishing, etc.

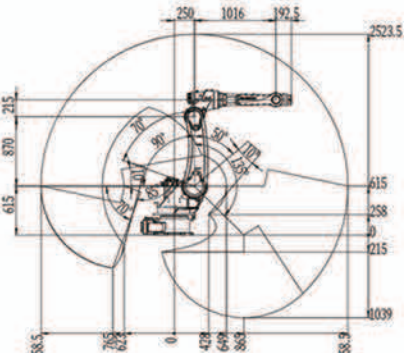
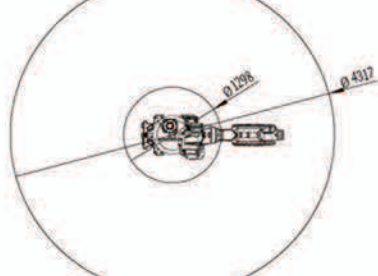
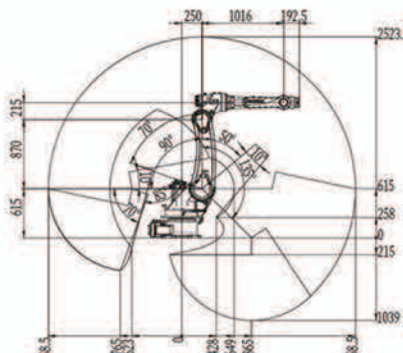
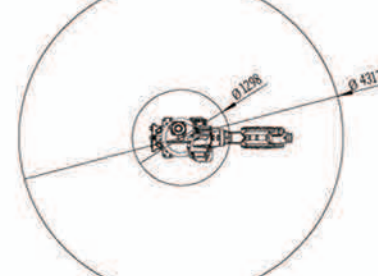
SIASUN ROBOTICS FAMILY

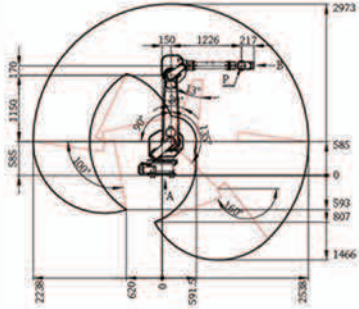
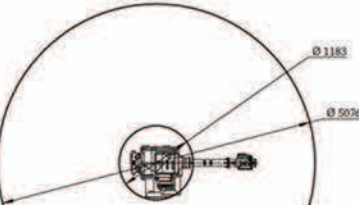
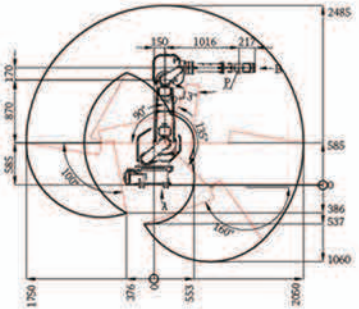
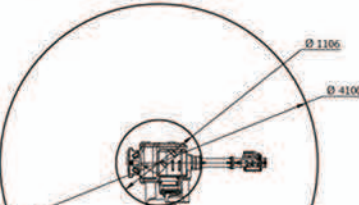
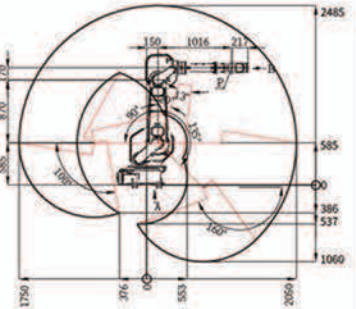
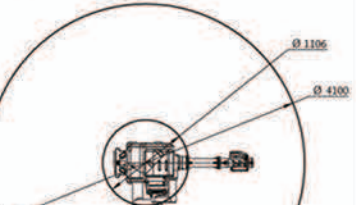


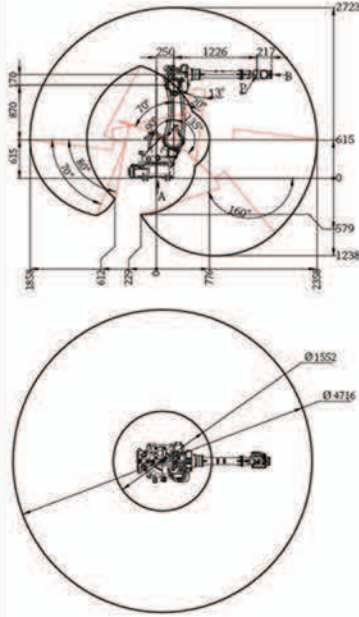
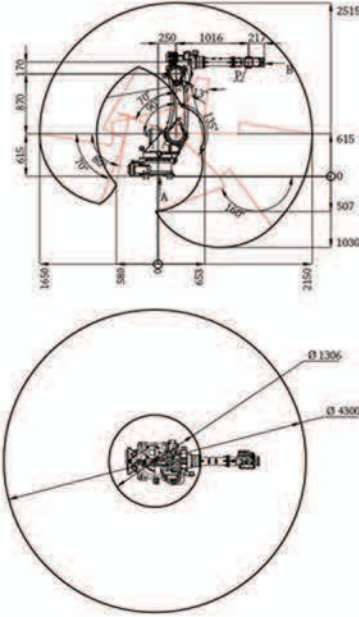
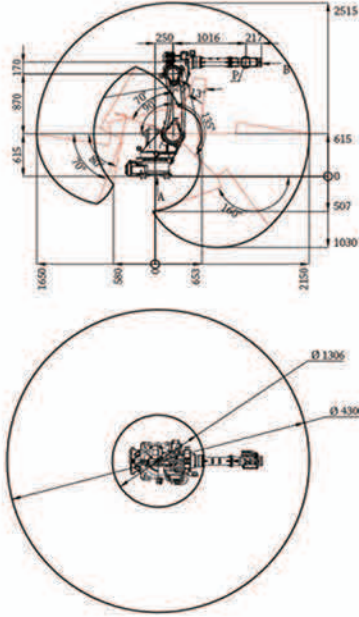
产品特点 Features and Benefits 新松公司自主研发的6轴轻量型工业机器人，采用安全流线型设计，机身轻量紧凑、纤细小巧，中空结构的手腕，有效利用空间死角可在狭窄区域进行作业。具有其极高的灵活性、安全性、精确度等特征，特别适用于工作空间有限的柔性化生产线，满足精密装配、检测、搬运、上下料等工业操作需求，为提升生产效率做出贡献。 SIASUN 6-axis light weight industrial robot with a safe and streamlined design. The body is lightweight, compact, and the wrist 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		SR4B	SR7CL
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	±170°	±170°
	J6	±119°	±120°
最大运动速度 Maximum Moving Speed	J1	±360°	±360°
	J2	400°/s	267°/s
	J3	326°/s	223°/s
	J4	410°/s	315°/s
	J5	450°/s	400°/s
	J6	400°/s	600°/s
手腕允许力矩 Allowable Moment	J4	4.4N·m	24N·m
	J5	4.4N·m	15.2N·m
	J6	2.9N·m	9.7N·m
手腕允许惯量 Allowable Inertia (GD²/4)	J4	0.15 kg·m²	0.75 kg·m²
	J5	0.15 kg·m²	0.26 kg·m²
	J6	0.1 kg·m²	0.067 kg·m²
本体重量 Body Weight		32kg	49kg
电源容量 Power		1.25KVA	1.3KVA
防护等级(腕部) Protection(Wrist)		IP67	IP67
预装信号线(1轴→4轴处) Reserved Signal Wire		8芯, 单芯线径0.12mm² 8 cores, 0.12mm² per conductor	8芯, 单芯线径0.12mm² 8 cores, 0.12mm² per conductor
控制器型号 Controller Type		*3	*3
可选配置Optional Configuration		-	N
		 	 
应用领域 Applications		搬运 上下料 装配... Handling, Loading and Unloading, Assembly ...	

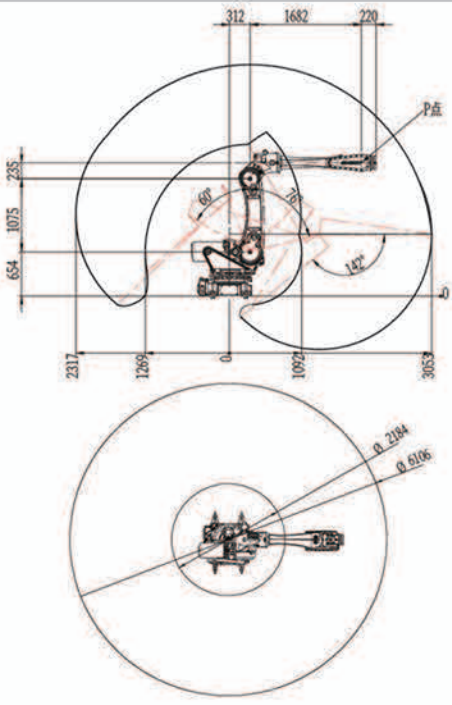
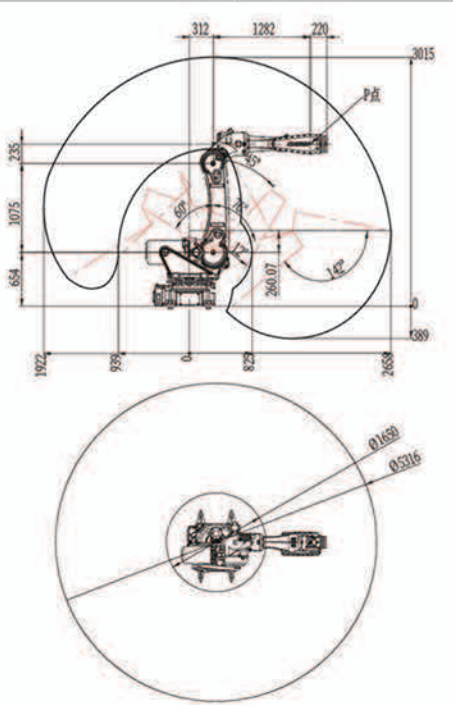
产品特点 Features and Benefits 全新的优美造型设计；动作速度出类拔萃，满足苛刻的生产节拍；网络化控制系统，丰富的外部接口及扩展能力；完全开放的自主系统，支持各种应用开发；SIASUN Robot Virtual Work Station, 支持CAD模型重建及基于CAD模型的机器人免示教作业；支持视觉、力觉等各种智能传感信息；性价比高，质优价廉的备件；主动及时的本地化客户服务，免您后顾之忧。 Brand-new graceful style design; Meet harsh TAKT with rapid speed; Networked Control Systems, 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.				
型号Type		T6A-17	T6A-19	T12A-14
负载能力 Payload		6kg	6kg	12kg
重复定位精度 Repeatability		±0.08mm	±0.08mm	±0.03mm
最大工作半径 Reach		1730mm	1930mm	1465mm
运动范围 Range of Motion	J1	±180°	±180°	±180°
	J2	+90°, -170°	+60°, -195°	+90°, -170°
	J3	+180°, -200° (联合)	+180°, -200° (联合)	+180°, -200° (联合)
	J4	+150°, -85° (单轴)	+150°, -85° (单轴)	+150°, -90° (单轴)
	J5	±180°	±180°	±180°
	J6	±180°	±180°	±180°
最大运动速度 Maximum Moving Speed	J1	±360°	±360°	±360°
	J2	200°/s	150°/s	200°/s
	J3	200°/s	200°/s	200°/s
	J4	220°/s	220°/s	220°/s
	J5	400°/s	400°/s	400°/s
	J6	430°/s	430°/s	430°/s
手腕允许力矩 Allowable Moment	J4	720°/s	720°/s	720°/s
	J5	23N·m	23N·m	23N·m
	J6	17N·m	17N·m	17N·m
手腕允许惯量 Allowable Inertia (GD²/4)	J4	9N·m	9N·m	9N·m
	J5	0.4 kg·m²	0.4 kg·m²	0.4 kg·m²
	J6	0.35 kg·m²	0.35 kg·m²	0.35 kg·m²
本体重量Body Weight		140kg	150kg	120kg
电源容量Power		1.5KVA	1.5KVA	1.5KVA
防护等级(腕部) Protection(Wrist)		IP65	IP65	IP65
预装信号线(1轴→3轴处) Reserved Signal Wire		16芯, 单芯线径0.2mm² 16 cores, 0.2mm² per conductor	16芯, 单芯线径0.2mm² 16 cores, 0.2mm² per conductor	16芯, 单芯线径0.2mm² 16 cores, 0.2mm² per conductor
控制器型号 Controller Type		*1	*1	*1
		 	 	 
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...		

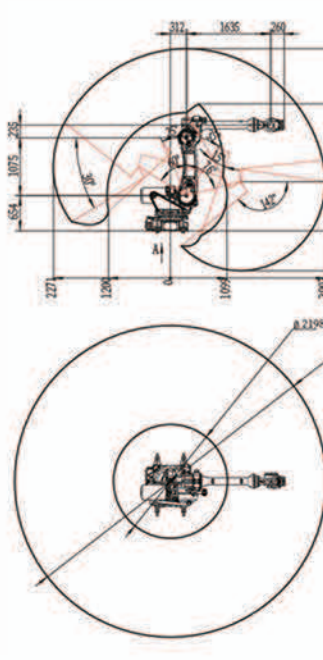
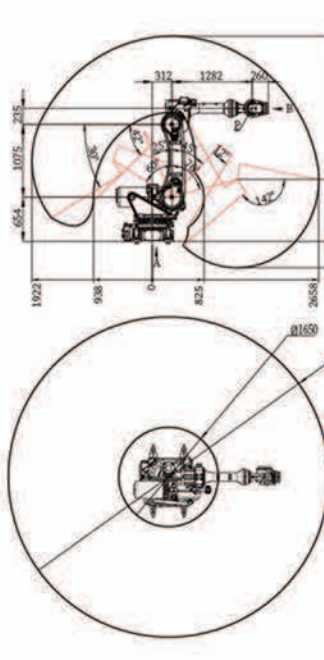
产品特点 全新的优美造型设计;动作速度出类拔萃,满足苛刻的生产节拍;网络化控制系统,丰富的外部接口及扩展能力;完全开放的自主系统,支持各种应用开发;SIASUN Robot Virtual Work Station,支持CAD模型重建及基于CAD模型的机器人免示教作业;支持视觉、力觉等各种智能传感信息;性价比高,质优价廉的备品备件;主动及时的本地化客户服务,免您后顾之忧。			
			
型号Type	SR10AL	SR20A	T20A-18
负载能力 Payload	10kg	20kg	20kg
重复定位精度 Repeatability	±0.05mm	±0.05mm	±0.05mm
最大工作半径 Reach	1957mm	1760mm	1803mm
运动范围 Range of Motion	J1	±180°	±180°
	J2	+95°,-155°	+95°,-155°
	J3	+252°,-195°(联合) +155°,-65°(单轴)	+252°,-195°(联合) +155°,-65°(单轴)
	J4	±175°	±175°
	J5	±135°	±140°
	J6	±360°	±360°
最大运动速度 Maximum Moving Speed	J1	195°/s	200°/s
	J2	175°/s	175°/s
	J3	180°/s	180°/s
	J4	360°/s	360°/s
	J5	360°/s	360°/s
	J6	600°/s	550°/s
手腕允许力矩 Allowable Moment	J4	22N·m	43.7N·m
	J5	22N·m	43.7N·m
	J6	10N·m	19.6N·m
手腕允许惯量 Allowable Inertia (GD²/4)	J4	0.9kg·m²	1.09kg·m²
	J5	0.9kg·m²	1.09kg·m²
	J6	0.20kg·m²	0.24kg·m²
本体重量Body Weight	280kg	270kg	250kg
电源容量Power	3KVA	3KVA	3KVA
防护等级(腕部)Protection(Wrist)	IP65	IP65	IP65
预装信号线(1轴→3轴处) Reserved Signal Wire	32芯,单芯线径0.25mm² 32cores,0.25mm² per conductor	32芯,单芯线径0.12mm² 32cores,0.12mm² per conductor	16芯,单芯线径0.2mm² 16cores,0.2mm² per conductor
控制器型号 Controller Type	*1(E),*2	*1(E),*2	*4
可选配置Optional Configuration	E	E	-
应用领域 Applications	 		
	 		
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...		

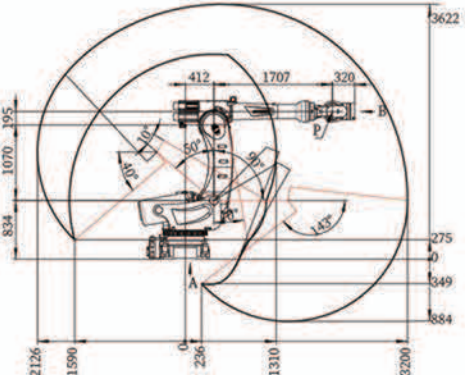
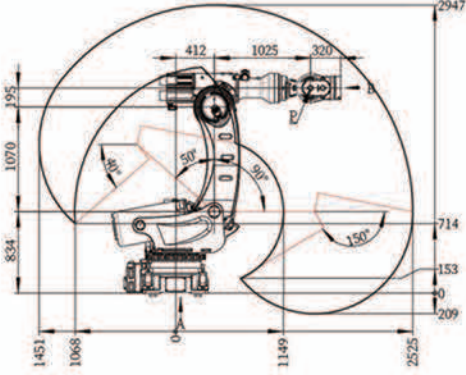
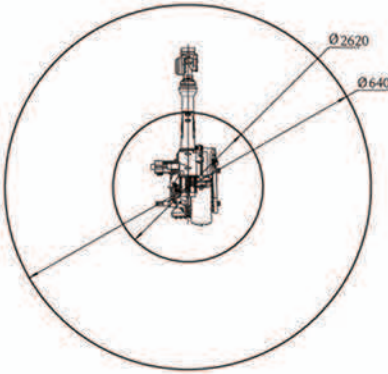
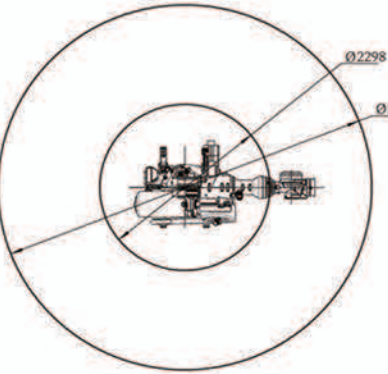
Features and Benefits Bran-new graceful style design; Meet harsh TAKT with rapid speed; Networked Control Systems, abundant external interface with high extension capability; Completely open independent control system could support multiple application development; SIASUN Robot Virtual work station support 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.		
		
型号Type	T50A-21	T80A-21
负载能力 Payload	50kg	80kg
重复定位精度 Repeatability	±0.05mm	±0.05mm
最大工作半径 Reach	2158mm	2158mm
运动范围 Range of Motion	J1	±180°
	J2	+90°,-135°
	J3	+255°,-180°(联合) +185°,-80°(单轴)
	J4	±360°
	J5	±125°
	J6	±360°
最大运动速度 Maximum Moving Speed	J1	170°/s
	J2	170°/s
	J3	170°/s
	J4	250°/s
	J5	250°/s
	J6	350°/s
手腕允许力矩 Allowable Moment	J4	206N·m
	J5	206N·m
	J6	127N·m
手腕允许惯量 Allowable Inertia (GD²/4)	J4	28kg·m²
	J5	28kg·m²
	J6	11kg·m²
本体重量Body Weight	590kg	590kg
电源容量Power	5KVA	5KVA
防护等级(腕部)Protection(Wrist)	IP65	IP65
预装信号线(1轴→3轴) Reserved Signal Wire	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
控制器型号 Controller Type	*4	*4
应用领域 Applications	 	
	 	
应用领域 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 ...	

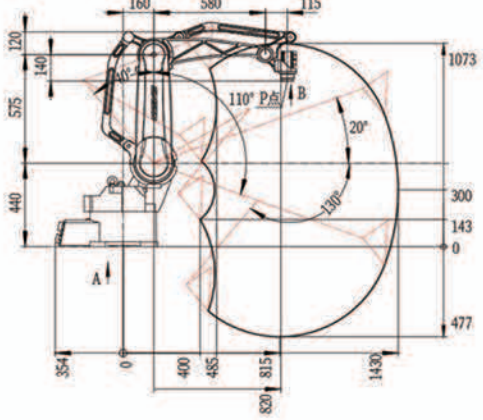
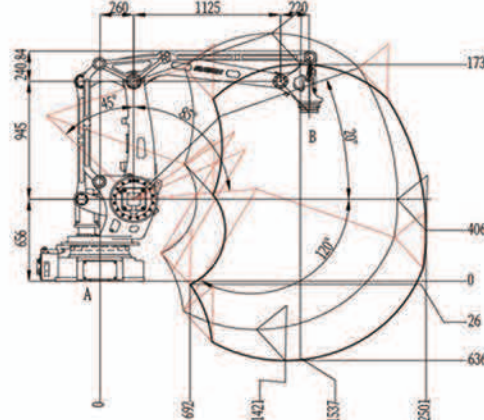
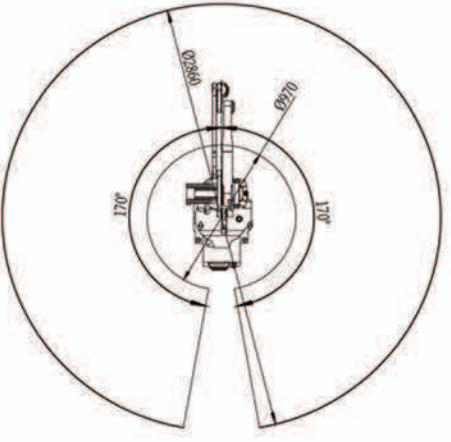
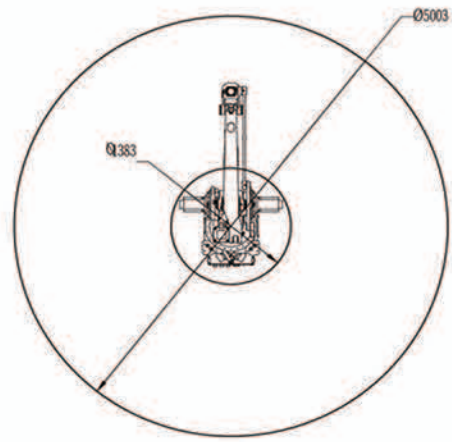
产品特点		全新的优美造型设计;动作速度出类拔萃,满足苛刻的生产节拍;网络化控制系统,丰富的外部接口及扩展能力;完全开放的自主系统,支持各种应用开发;SIASUN Robot Virtual Work Station,支持CAD模型重建及基于CAD模型的机器人免示教作业;支持视觉、力觉等各种智能传感信息;性价比高,质优价廉的备品备件;主动及时的本地化客户服务,免除后顾之忧		
				
型号Type		SR35A	SR50A	SR80A
负载能力Payload		35kg	50kg	80kg
重复定位精度Repeatability		±0.1mm	±0.1mm	±0.1mm
最大工作半径Reach		2538mm	2050mm	2050mm
运动范围Range of Motion	J1	±180°	±180°	±180°
	J2	+90°,-135°	+90°,-135°	+90°,-135°
	J3	+280°,-160°(联合) +165°,-77°(单轴)	+280°,-160°(联合) +165°,-77°(单轴)	+280°,-160°(联合) +165°,-77°(单轴)
	J4	±355°	±360°	±360°
	J5	±125°	±125°	±125°
	J6	±360°	±360°	±360°
最大运动速度Maximum Moving Speed	J1	180°/s	170°/s	170°/s
	J2	140°/s	170°/s	120°/s
	J3	180°/s	170°/s	120°/s
	J4	250°/s	250°/s	240°/s
	J5	250°/s	250°/s	240°/s
	J6	350°/s	350°/s	300°/s
手腕允许力矩Allowable Moment	J4	147N·m	206N·m	294N·m
	J5	147N·m	206N·m	294N·m
	J6	78N·m	127N·m	147N·m
手腕允许惯量Allowable Inertia (GD²/4)	J4	10kg·m²	28kg·m²	28kg·m²
	J5	10kg·m²	28kg·m²	28kg·m²
	J6	4kg·m²	11kg·m²	11kg·m²
本体重量Body Weight		760kg	750kg	760kg
电源容量Power		5KVA	5KVA	5KVA
防护等级(腕部)Protection(Wrist)		IP67	IP67	IP67
预装信号线(1轴→3轴处)Reserved Signal Wire		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	32芯,单芯线径0.2mm² 32cores, 0.2mm² per conductor
控制器型号 Controller Type		*2	*2	*2
可选配置Optional Configuration		PB(防爆) PB(anti-explosion)	PB(防爆)PB(anti-explosion)	PB(防爆)PB(anti-explosion)
		 	 	 
应用领域Applications		搬运 机加 锻造 铸造 打磨 喷涂 涂胶 装配 包装 ... Handling, Machining, Forging, Casting, Grinding, Spray coating, Gluing, Assembly, Packing ...		

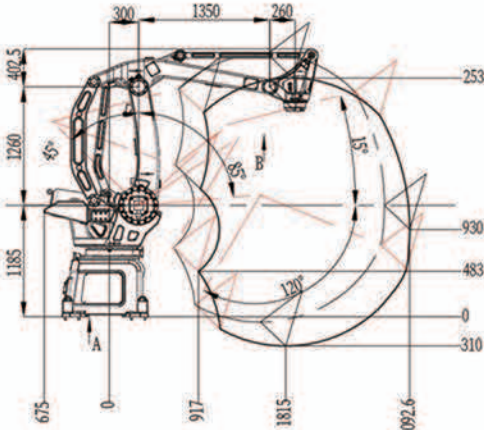
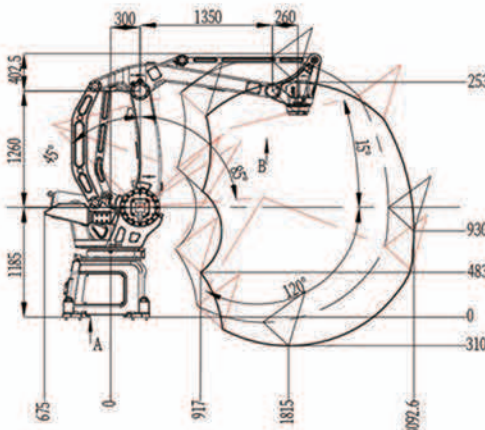
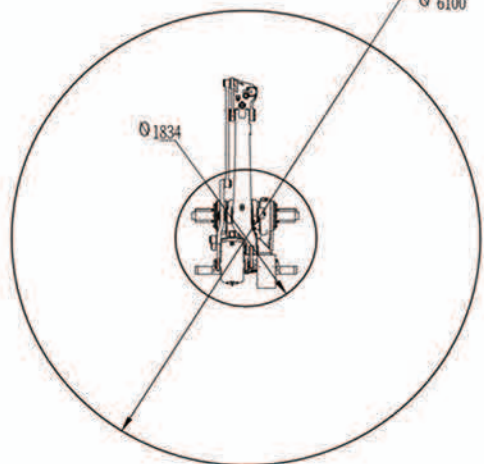
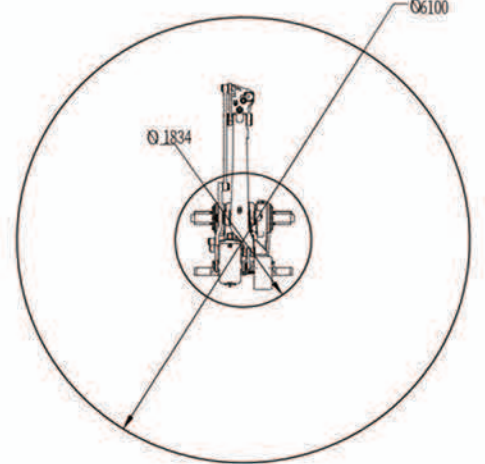
Features and Benefits		Brand-new graceful style design; Meet harsh TAKT with rapid speed; Networked Control Systems; abundant external interface with high extension capability; Completely open independent control system could support multiple application development; SIASUN Robot Virtual work station 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.		
				
型号Type		SR35B	SR50B	SR80B
负载能力Payload		35kg	50kg	80kg
重复定位精度Repeatability		±0.1mm	±0.1mm	±0.1mm
最大工作半径Reach		2358mm	2150mm	2150mm
运动范围Range of Motion	J1	±180°	±180°	±180°
	J2	+90°, -135°	+90°, -135°	+90°, -135°
	J3	+280°, -160° (联合) +165°, -77° (单轴)	+280°, -160° (联合) +165°, -77° (单轴)	+280°, -160° (联合) +165°, -77° (单轴)
	J4	±360°	±360°	±360°
	J5	±125°	±125° (±190°)	±125°
	J6	±360°	±360°	±360°
最大运动速度Maximum Moving Speed	J1	180°/s	170°/s	170°/s
	J2	140°/s	170°/s	120°/s
	J3	180°/s	170°/s	120°/s
	J4	250°/s	250°/s	240°/s
	J5	250°/s	250°/s	240°/s
	J6	350°/s	350°/s	300°/s
手腕允许力矩Allowable Moment	J4	147N·m	206N·m	294N·m
	J5	147N·m	206N·m	294N·m
	J6	78N·m	127N·m	147N·m
手腕允许惯量Allowable Inertia (GD²/4)	J4	10kg·m²	28kg·m²	28kg·m²
	J5	10kg·m²	28kg·m²	28kg·m²
	J6	4kg·m²	11kg·m²	11kg·m²
本体重量Body Weight		660kg	650kg	660kg
电源容量Power		5KVA	5KVA	5KVA
防护等级(腕部) Protection(Wrist)		IP67	IP67	IP67
预装信号线 (1轴→3轴处) Reserved Signal Wire		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	32芯, 单芯线径0.2mm² 32cores, 0.2mm² per conductor
控制器型号 Controller Type		*2	*2	*2
				
应用领域 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 ...		

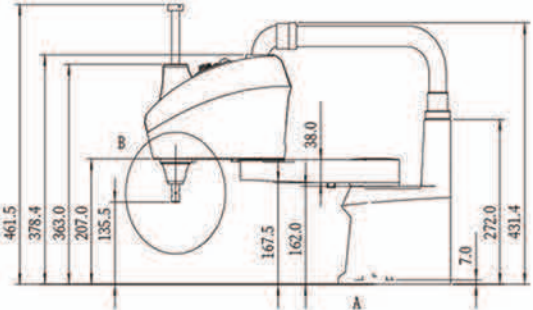
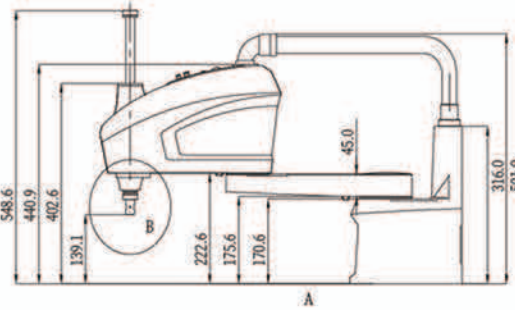
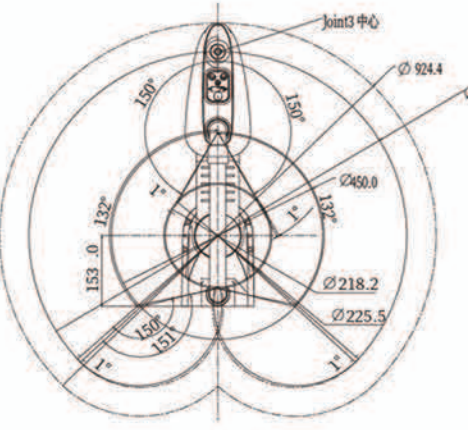
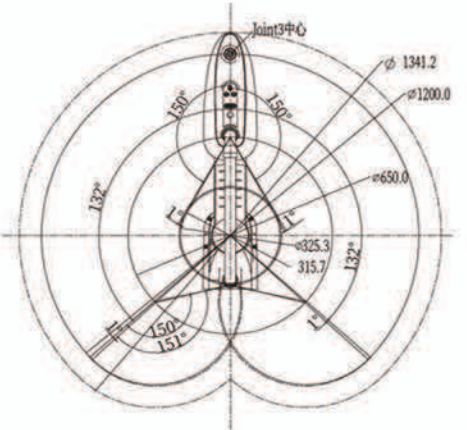
产品特点 全新的优美造型设计;动作速度出类拔萃,满足苛刻的生产节拍;网络化控制系统,丰富的外部接口及扩展能力;完全开放的自主系统,支持各种应用开发;SIASUN Robot Virtual Work Station;支持CAD模型重建及基于CAD模型的机器人示教作业;支持视觉、力觉等各种智能传感信息;性价比高,质优价廉的备品备件;主动及时的本地化客户服务,免您后顾之忧			
			
型号Type	T120A-30		T165A-26
负载能力 Payload	120kg		165kg
重复定位精度 Repeatability	±0.1mm		±0.1mm
最大工作半径 Reach	3053mm		2658mm
运动范围 Range of Motion	J1	±180°	
	J2	+60°,-76°	
	J3	+230°,-142°(联合)	
	J3	+165°,-78°(单轴)	
	J4	±360°	
	J5	±125°	
最大运动速度 Maximum Moving Speed	J1	105°/s	
	J2	90°/s	
	J3	90°/s	
	J4	170°/s	
	J5	165°/s	
	J6	260°/s	
手腕允许力矩 Allowable Moment	J4	588N·m	
	J5	588N·m	
	J6	343N·m	
手腕允许惯量 Allowable Inertia (GD²/4)	J4	59kg·m²	
	J5	59kg·m²	
	J6	22kg·m²	
本体重量Body Weight	1300kg		1250kg
电源容量Power	8KVA		8KVA
防护等级(腕部) Protection(Wrist)	IP65		IP65
预装信号线(1轴→4轴) Reserved Signal Wire	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
控制器型号 Controller Type	*4		*4
* 点焊应用版±180° Spot Welding System ±180°			
	点焊 搬运 码垛 上下料 打磨 装配...		
应用领域 Applications	Spot Welding, Handling, Palletizing, Loading And Unloading, 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.			
			
型号Type	SR120D		SRS210D
负载能力 Payload	120kg		210kg
重复定位精度 Repeatability	±0.2mm		±0.2mm
最大工作半径 Reach	3007mm		3050mm
运动范围 Range of Motion	J1	±180°	
	J2	+60°,-76°	
	J3	+230°,-142°(联合)	
	J3	+165°,-78°(单轴)	
	J4	±360°	
	J5	±125°	
最大运动速度 Maximum Moving Speed	J1	105°/s	
	J2	90°/s	
	J3	90°/s	
	J4	170°/s	
	J5	120°/s	
	J6	260°/s	
手腕允许力矩 Allowable Moment	J4	588N·m	
	J5	588N·m	
	J6	343N·m	
手腕允许惯量 Allowable Inertia (GD²/4)	J4	59kg·m²	
	J5	59kg·m²	
	J6	22kg·m²	
本体重量Body Weight	1400kg		1500kg
电源容量Power	8KVA		8KVA
防护等级(腕部) Protection(Wrist)	IP67		IP67
预装信号线(1轴→3轴处) Reserved Signal Wire	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	32芯,单芯线径0.2mm² 32cores, 0.2mm² per conductor
控制器型号 Controller Type	*2		*2
可选配置Optional Configuration	-		E
* 点焊应用版±180° Spot Welding System ±180°			
	搬运 上下料 打磨 码垛 涂胶 装配 包装...		
应用领域 Applications	Handling, Loading And Unloading, Grinding, Palletizing, Gluing, Assembly, Packing...		

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		
		
型号Type	SR360AL	SR500A
负载能力 Payload	360kg	500kg
重复定位精度 Repeatability	±0.2mm	±0.2mm
自由度数 DOF	6	6
最大工作半径 Reach	3200mm	2525mm
运动范围 Range of Motion	J1	±180°
	J2	+50°,-90°
	J3	+220°,-143°(联合) +165°,-70°(单轴)
	J4	±360°
	J5	±120°
	J6	±360°
最大运动速度 Maximum Moving Speed	J1	75°/s
	J2	65°/s
	J3	65°/s
	J4	100°/s
	J5	100°/s
	J6	160°/s
手腕允许力矩 Allowable Moment	J4	2400N·m
	J5	2400N·m
	J6	1420N·m
手腕允许惯量 Allowable Inertia(GD ² /4)	J4	510kg·m ²
	J5	510kg·m ²
	J6	320kg·m ²
本体重量 Body Weight	2450kg	2450kg
防护等级(腕部) Protection(Wrist)	IP67	IP67
电源容量 Power	15KVA	15KVA
控制器型号 Controller Type	*2	*2
		
		
应用领域 Applications	搬运 码垛 机加 锻造 铸造 ... Handling, Palletizing, Machining, Forging, Casting...	

Features and Benefits Brand-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.		
		
型号Type	SRM13A	SRM120A
负载能力 Payload	13kg	120kg
工作范围(水平) Range	1430mm	2500mm
重复定位精度 Repeatability	±0.06mm	±0.2mm
自由度数 DOF	4	4
标准循环 Standard cycle*	3000次/小时	1800次/小时
每轴最大运动范围 Range of Motion	J1	±170°
	J2	+40°,-110°
	J3	+20°,-130°(联合) +130°,-70°(单轴)
	J4	±360°
每轴最大运动速度 Maximum Moving Speed	J1	160°/s
	J2	160°/s
	J3	200°/s
	J4	400°/s
本体重量 Body Weight	160kg	1000kg
电源容量 Power	3KVA	8KVA
防护等级(腕部) Protection(Wrist)	IP65	IP53
预装信号线(1轴→4轴处) Reserved Signal Wire	16芯,单芯线径0.2mm ² 16cores, 0.2mm ² per conductor	32芯,单芯线径0.2mm ² 32cores, 0.2mm ² per conductor
控制器型号 Controller Type	*1	*2
		
		
*ISO9283		
应用领域 Applications	搬运 码垛 ... Handling, Palletizing ...	

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,质优价廉的备件;主动及时的本地化客户服务,免后顾之忧。		
		
型号Type	SRM160A	SRM300A
负载能力 Payload	160kg	300kg
工作范围(水平) Range	3050mm	3050mm
重复定位精度 Repeatability	±0.4mm	±0.4mm
自由度数 DOF	4	4
标准循环 Standard cycle*	1400次/小时	1050次/小时
每轴最大运动范围 Range of Motion	J1	±180°
	J2	+45°, -85°
	J3	+15°, -120° (联合)
	J4	+60°, -70° (单轴)
每轴最大运动速度 Maximum Moving Speed	J1	130°/s
	J2	130°/s
	J3	130°/s
	J4	300°/s
本体重量Body Weight	2300kg	2300kg
电源容量Power	8KVA	8KVA
防护等级(腕部) Protection(Wrist)	IP53	IP53
预装信号线(1轴→4轴处) Reserved Signal Wire	32芯, 单芯线径0.2mm ²	32芯, 单芯线径0.2mm ²
控制器型号 Controller Type	*2	*2
		
		
*ISO9283		
应用领域 Applications	搬运 码垛 装箱 ... Handling, Palletizing, Packing...	

产品特色		
高速传输效率;手指末端可用户定制;网络化控制器;体积小,安装便捷; ... Features and Benefits: High transfer speed, Networked Control Systems, Light and small volume, Convenient installation ...		
		
型号Type	T3A-4H	T6A-6H
额定负载能力Rated Payload	1kg	2kg
最大负载能力Max Payload	3kg	6kg
工作半径 Reach	400mm	600mm
重复定位精度*1 Repeatability	XY	±0.01mm
	Z	±0.01mm
自由度数DOF	4	4
运动范围 Moving Range	J1	±132°
	J2	±150°
	J3	150mm
	J4	±720°
最大运动速度 Maximum Moving Speed	J1	600°/sec
	J2	600°/sec
	J3	920mm/sec
	J4	2500°/sec
J4轴允许惯性力矩*2 Maximum Inertial Torque Allowed of J4	0.006kg·m ²	0.011kg·m ²
本体重量 Body Weight	14.5kg	23.5kg
平均功率 Average Power	350W	500W
控制器型号 Controller Type	*3	*3
		
		
*1. 周围温度一定时的值 *2. 在加速度系数的设定上有限制 *1. Value of ambient temperature *2. Accelerating factor's setting is limited 注: T6A-6H机器人在最大负载下, 机器人性能会有损失。 Note: When the T6A-6H robot at maximum load, the performance of the robot will be lost.		
应用领域 Applications	半导体 电子电气 食品加工 ... Semiconductor, electronic And Electrical, Food Processing...	

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,spay coating,loading and unloading)

型号 Type	*1	SRC M5
	*2	SRC G5
	*3	SRC C5
	*4	SRC E5
概略重量 Weight	*1	70kg
	*2	180kg
	*3	15kg
	*4	80kg
电源 Power	*1,*2,*4	三相AC380V(-15%~+10%), 50/60Hz Three-phase AC380V (-15% - + 10%), 50/60 Hz
	*3	单相AC220V(-15%~+10%), 50/60Hz Single-phase AC220V (-15% - + 10%), 50/60 Hz
控制系统 Control System		交流伺服马达 AC servo motor
冷却系统 Cooling 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)
周边温度 Temperature		间接冷却(风冷) Indirect cooling (Air-cooled)
相对湿度 Relative humidity		0℃~+45℃(运转时 Running); -20℃~+60℃(运输保管时 Transport custody)
接地 Ground		≤90%RH(无冷凝 No condensation)
存储容量 Storage	记忆介质(存储器) Memory medium (Memory)	机器人专用接地系统 Special Earthing System for Robots
	记忆容量 Memory capacity	CFast卡
I/O接口 I/O Ports	通用物理I/O端口 General Purpose Physical I / O Ports	4GB
	可扩展总线IO Scalable bus IO	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.
	组IO Group IO	1024
	IO输入规格 Input Specifications	8组可配置 8 groups can be configured
接口 Interface		24V, 低电平有效, 高低电平可配 24V low level active, high & low levels can be matched
防护等级 Protection		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
		标配RS-232、TCP/IP、UDP等。支持主流PLC, 实现系统无缝集成; 可适配profibus-DP, profinet, CC-LINK, MODBUS, EtherCAT等现场总线 Standard configuration contains: RS-232, TCP/IP, UDP and so on. Optional configuration contains: profibus-DP, profinet, CC-LINK, MODBUS, EtherCAT, such as field bus.
		IP54 (后隔腔为posterior compartment IP22)
		IP32,IP54 (选配Optional)
		IP54

SIASUN 示教器

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

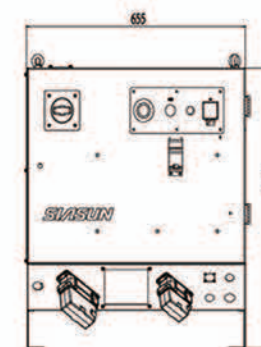
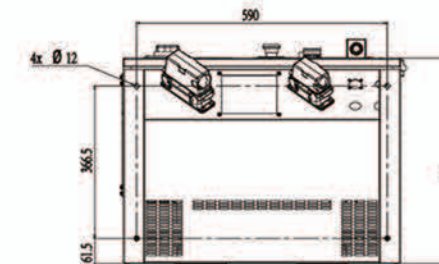
操作更直观、快速、高效
More intuitive,fast and efficient operation

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

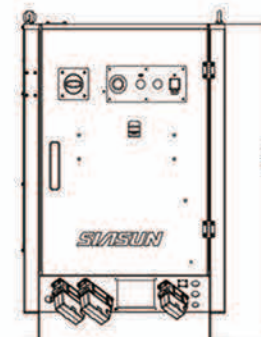
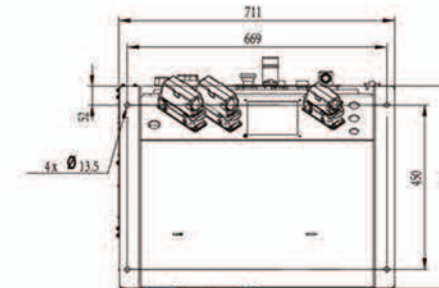
配套多功能软件包,实现特定生产工艺
Supirting multifunctional software package to realize specific production process

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

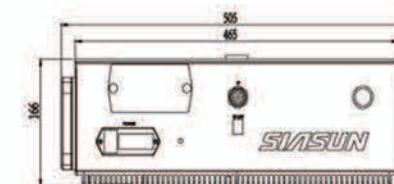
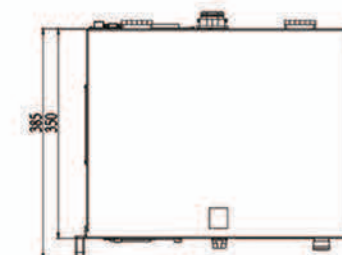
1 SRC M5



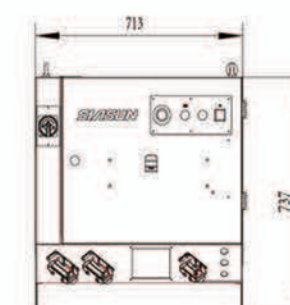
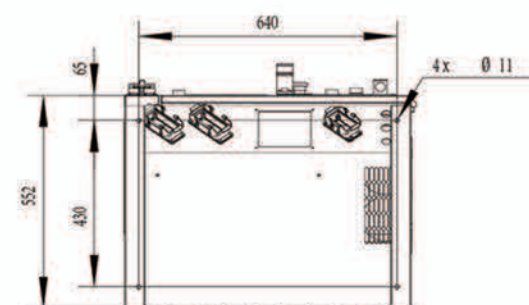
2 SRC G5



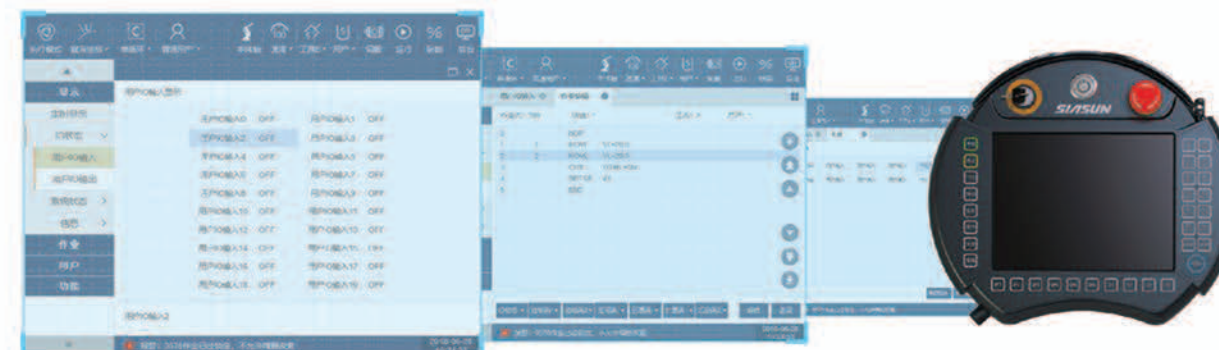
3 SRC C5



4 SRC E5



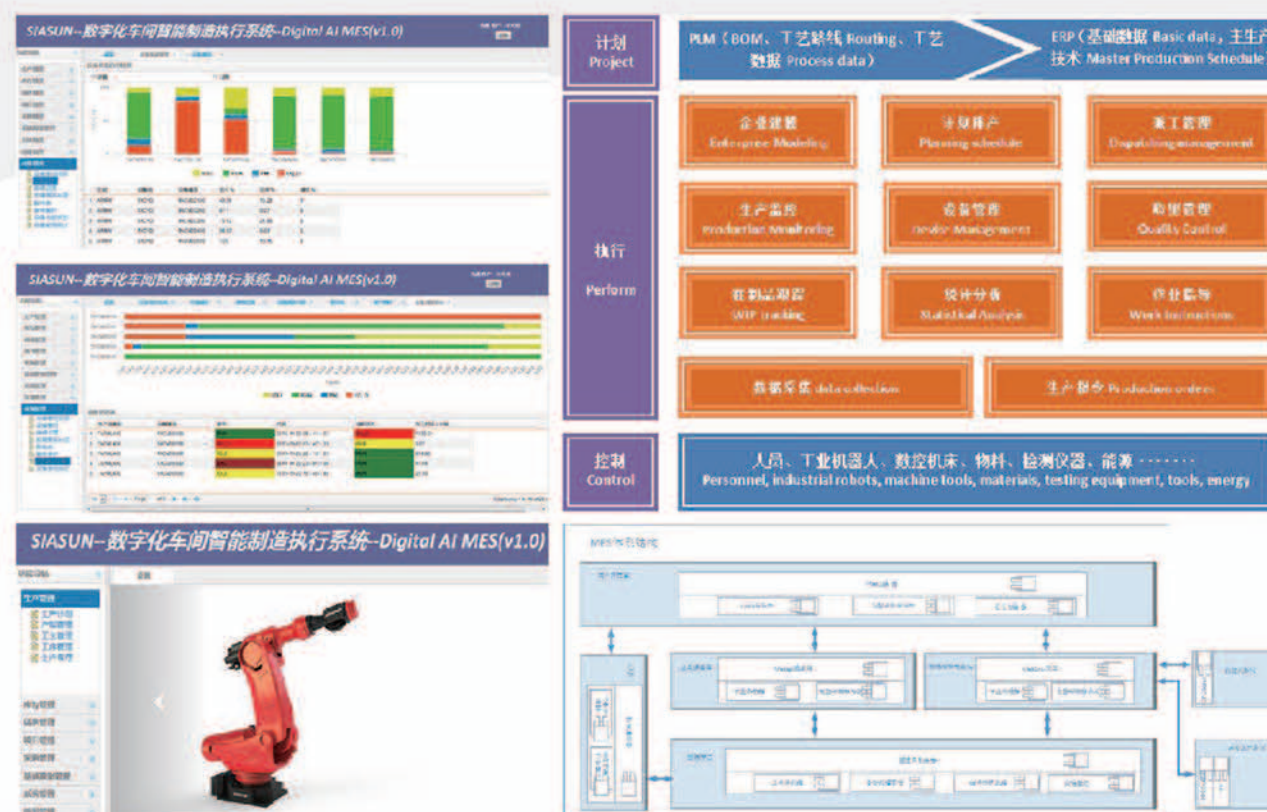
S RTP6QA Teach Pendant



■ 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, tool 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.



应用领域 APPLICATIONS





SUN&SIASUN
SUN&SIASUN ROBOT (THAILAND)

Industrial Robot + Systems & Solutions

