

Hybrid Cobot 复合机器人

该系列产品融合了新松强大的移动机器人(AGV)调度系统, 配备完善的安全系统及模块化的工装配件, 同时具备新松协作机器人操作简便与安全的多重优势, 使用户的现场应用过程大幅度简化, 极大地提升了用户使用的经济性。

With a strong SIASUN AGV Dispatching System, this series can operate from both sides of the vehicle. This series combine perfect safety devices and modularized tray/fixture, together with various advantages of Cobot such as easy-to-use and safety, it makes deployment much simple and dramatically improves economic efficiency for our end users.

产品特性 | PRODUCT FEATURES



自然轮廓导航等多种导航方式可选, 应用成本更低
Economic Efficient: The AGV uses Natural Navigation Technology with Multiple Navigation Options.



360°避障设计, 雷达探测距离6m, 更安全
Safer: Designed with 360° Obstacle Avoidance Function, detection distance up to 6m.



机器人作业负载20kg, AGV负载100kg, 应用更广泛
Widely Applied: Payload of the robot 20 kg, Payload of AGV 100kg.



配有视觉系统, 作业精度达 $\pm 0.05\text{mm}$, 更可靠
More Accurate: Designed with visual system, repeatability $\pm 0.05\text{mm}$.



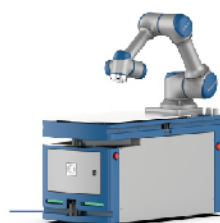
拖拽示教式编程, 降低使用门槛, 易操控
Easier-to-use: With Traction Teach Programming, the robot can be used by anyone without technical skills.



机体可防静电ESD, 更好地满足行业需求
ESD antistatic: Better meet the demands of specific industries.



技术参数 | TECHNICAL PARAMETERS



HCR20



HSCR5

车体尺寸 Vehicle Size		1280x600x700mm	1310 x 620 x 800mm
重量 Net Weight		550kg	320kg
工作速度 Speed	机器人速度 Cobot TCP Speed	0~1.2m/s	0~2.0m/s
	移动速度 Moving Speed	0~1.0m/s	0~45m/min
工作负载 Payload	机器人负载 Cobot Payload	20kg	5kg
	移动负载 Vehicle Payload	100kg	80kg
作业精度 Operating Accuracy		±0.05mm	±0.05mm
停车精度 Parking Accuracy		±10mm	±10mm
运行方向 Moving Direction		前进/后退/转弯 Forward/Reverse/Turning	前进/后退/转弯 Forward/Reverse/Turning
导航方式 Navigation		自然轮廓导航/激光导航/混合导航 Natural/Laser/Multi-Type Navigation	激光/磁导（可选） Laser/Magnetic(selectable)
电池 Battery		锂电池，48VDC Lithium Battery, 48V DC	锂电池60Ah，48VDC Lithium Battery 60Ah, 48V DC
满载运行时间 Full Load Duration		≥5小时 ≥5 Hours	≥5小时 ≥5 Hours
安全装置 Safety Device		急停/激光防碰/碰撞检测/防静电ESD等 Emergency Button/Laser Collision Detection/Cobot Collision Detection/Anti-static Designed, etc.	急停/激光防碰/碰撞检测等 Emergency Button/Laser Collision Detection/Cobot Collision Detection ...
充电方式 Charging		手动/自动换电池，自动充电 Manual/Auto Battery Change, Auto-Charge	自主充电 / 手动快换 Battery Self-Charging / Manual Quick Change
通讯方式 Communication Protocol		TCP/IP, Modbus通讯, 支持Profinet, Ethernet/IP, Profibus等常规工业级通讯扩展 TCP/IP,Modbus communication protocol, support communication protocol expansion such as Profinet, Ethernet/IP, Profibus,etc.	TCP/IP, Modbus通讯, 支持Profinet, Ethernet/IP, Profibus等常规工业级通讯扩展 TCP/IP,Modbus communication protocol, support communication protocol expansion such as Profinet, Ethernet/IP, Profibus,etc.
包装信息 Package Information		1 个木箱 Wooden Box 尺寸Size: 1530mm x 1060mm x 1200mm 净重/毛重 Net/Gross Weight:550kg/650kg	1 个木箱 Wooden Box. 尺寸Size:1530mm x 1060mm x 1200mm 净重/毛重Net/Gross Weight:320kg/420kg



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