



AIR15-950/3, AIR15-950/4

超高速
高精度
高稳定性
高防护等级

High speed
High precision
High stability
IP67

型号 Type		AIR15-950/3	AIR15-950/4
轴数 Axes		3 ^①	4 ^①
负载 Payload		15kg	15kg
机器人本体 Manipulator	重量 Weight	60kg	62kg
	最大运动范围 Reach	947mm	947mm
定位精度 Positioning accuracy	位置重复定位精度 Position repeatability	±0.025mm	±0.025mm
IP 等级 Ingress Protection		IP65 (腕部 : IP67) / ISO5 ^② IP65 (Wrist : IP67) / ISO5 ^②	
安装方式 Mounting		吊装 ceiling	
运动范围 Working range	轴 2 Axis 2 arm	-95°/+135°	-95°/+135°
	轴 3 Axis 3 arm	-120°/+156°	-120°/+156°
	轴 5 Axis 5 bend	-135°/+135°	-135°/+135°
	轴 6 Axis 6 turn	-	-360°/+360°
运动速度 Rotation rate	轴 2 Axis 2 arm	320°/s	320°/s
	轴 3 Axis 3 arm	350°/s	350°/s
	轴 5 Axis 5 bend	565°/s	565°/s
	轴 6 Axis 6 turn	-	815°/s
适用控制柜 Controllers		inCube20/ARC5-12	
安装条件 Mounting conditions		环境温度: 0~45℃ Ambient temperature: 0~45℃ 湿度: 恒温下 95% 以内, 无凝露。 Humidity: not more than 95% at constant temperature without condensation. 允许高度: 操作机正常工作环境的海拔高度不应超过 1000 米 (在 1000 米 -4000 米高度范围内, 操作机应降额使用)。 Allowable altitude: not more than 1000m above sea level. 不应有腐蚀性、可燃性、易爆性气体。 No corrosive, flammable or explosive gases.	

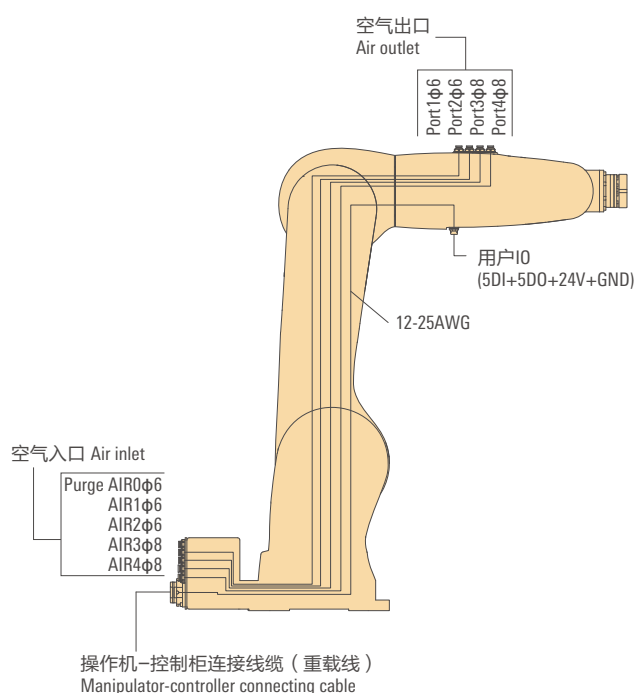
^① AIR15-950 的 3 轴版本指保留原 6 轴版本机体的 J2、J3 和 J5; 4 轴版本指保留原 6 轴版本机体的 J2、J3、J5 和 J6。

AIR15-950/3 is a 3-axis robot that retains the J2, J3, J5 axes based on the original 6-axis version. AIR15-950/4 is a 4-axis robot that retains the J2, J3, J5, J6 axes based on the original 6-axis version.

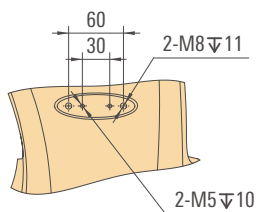
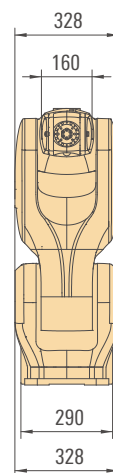
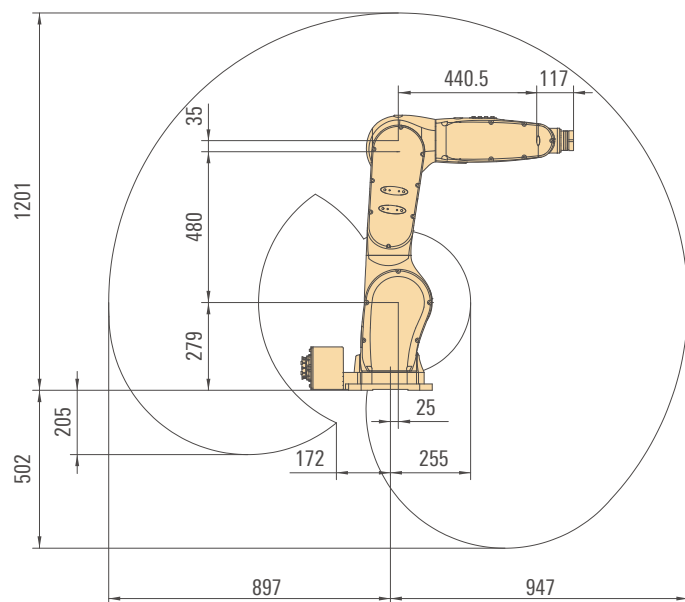
^② 如需 ISO5 版本, 请联系销售。
For ISO 5 version, please contact sales.

- 标准门型节拍时间 0.44s。
Standard cycle time 0.44s.
- 二、三、五轴运动范围更大。
Larger range of motion for Axis 2、3、5.
- 内置气路可容纳气量翻倍。
The built-in gas hoses double the air volume.
- 隐藏及分离式设计, 避免航插对外挂设备的干扰。
Hidden and separated design avoids interference with external devices brought by the arm connector.
- 线缆固定孔位加深, 数量加倍, 保证高速运转下线束贴合本体更牢固。
The number and depth of the mounting holes are increased, ensuring that wiring harness keeps adhering to the body firmly at high speed.
- 除六轴版本外, 还为 PCB 行业提供三、四轴高性价比版本。
Besides the six-axis version, it also provides three and four-axis cost-effective versions for the PCB industry.

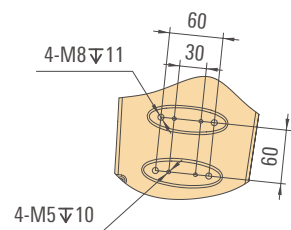
机体内配线 • 配管 Integrated dressing



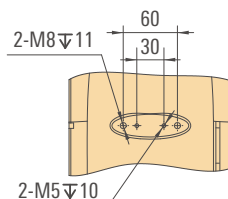
外形尺寸及运动范围 Outline dimension and Working range



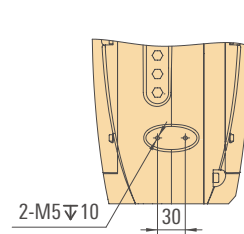
肩部孔位图
Shoulder arm



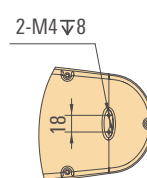
大臂孔位图
Lower arm



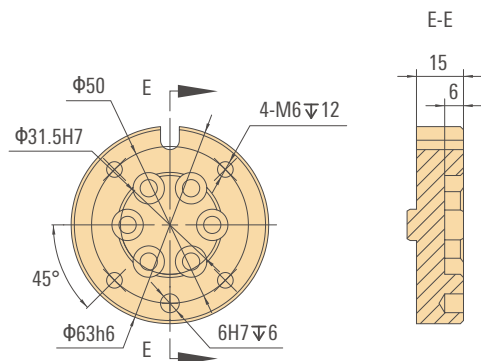
肘部孔位图
Elbow arm



小臂孔位图
Upper arm



法兰图 Flange drawing



底座安装图 Base installation drawing

