

AIR165-2700

高速度	High speed
高精度	High precision
高稳定性	High stability
汽车行业点焊能手	Spot welding manipulator
纤细的手腕	Slim wrist

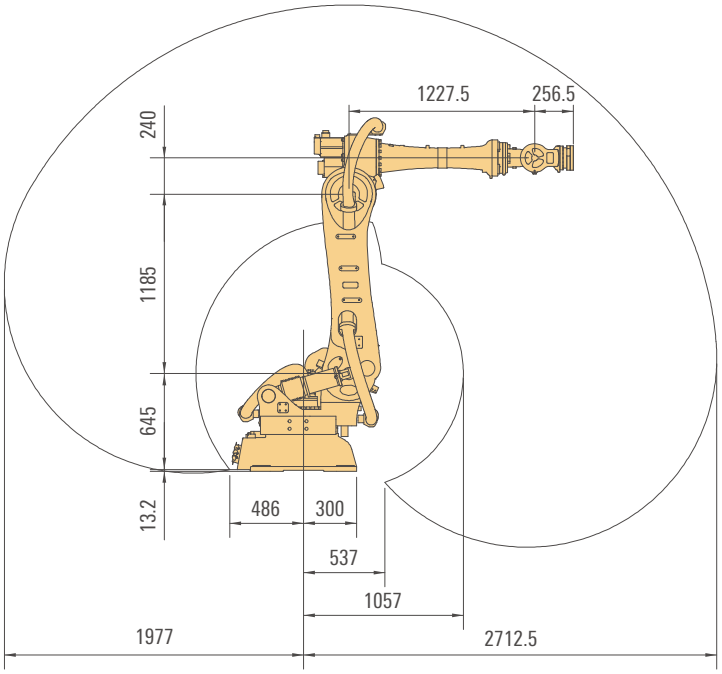
- 具有连续点焊短距离快速移位能力，0.5s 内可完成 50mm 位移的快速运动。
  AIR165-2700 is capable of rapid movement over a short distance while continuous spot welding, achieving 50mm displacement within 0.5s.
- 操作机手腕纤细，非常适于探入到白车身内进行点焊作业。
  AIR165-2700 has a slim wrist which is very suitable for spot welding in the body in white.
- 配备了管线包，使得焊接线缆、 软管（水 / 气）与机器人本体紧密贴合，有效减少干扰和线缆磨损及喷溅损坏，十分适于复杂度较高的汽车点焊作业。
  AIR165-2700 is equipped with dress package, which makes the welding cable and hose (water/gas) closely attached to the robot body, effectively reduces interference, cable wear and splashing damage, very suitable for automobile spot welding with high complexity.

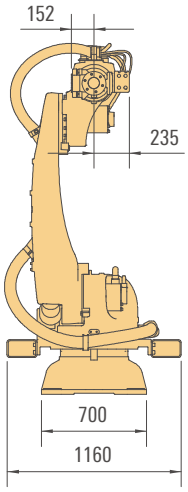
型号 Type		AIR165-2700
轴数 Axes		6
负载 Payload		165kg
机器人本体 Manipulator	重量 Weight	1200kg
	最大运动范围 Reach	2700mm
定位精度 Positioning accuracy	位置重复定位精度 Position repeatability	±0.1mm
IP 等级 Ingress Protection		IP54（小臂 : IP65） IP54（Forearm : IP65）
安装方式 Mounting		地装 Floor
运动范围 Working range	轴 1 Axis 1 rotation	-180°/+180°
	轴 2 Axis 2 arm	-65°/+85°
	轴 3 Axis 3 arm	-110°/+155°
	轴 4 Axis 4 wrist	-360°/+360°
	轴 5 Axis 5 bend	-123°/+123°
	轴 6 Axis 6 turn	-360°/+360°
运动速度 Rotation rate	轴 1 Axis 1 rotation	125°/s
	轴 2 Axis 2 arm	113°/s
	轴 3 Axis 3 arm	125°/s
	轴 4 Axis 4 wrist	180°/s
	轴 5 Axis 5 bend	175°/s
	轴 6 Axis 6 turn	280°/s
适用控制柜 Controllers		ARC5-280
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.	

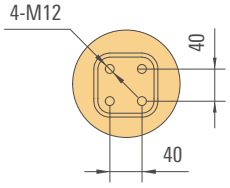


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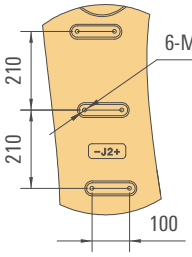
外形尺寸及运动范围 Outline dimension and Working range



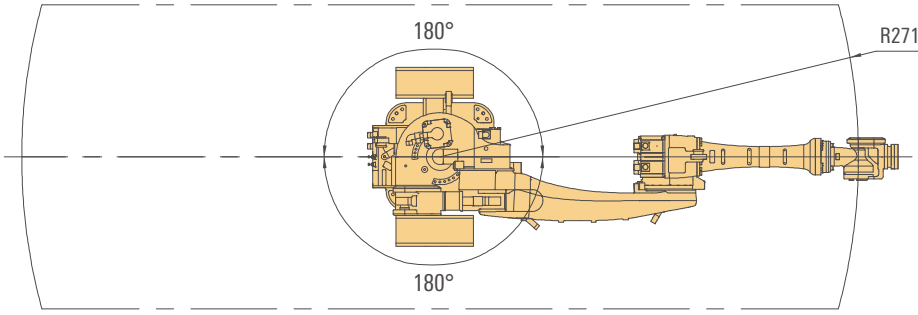


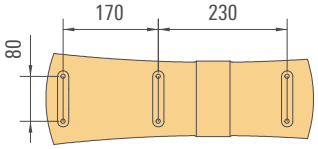


肩部孔位图
Shoulder arm



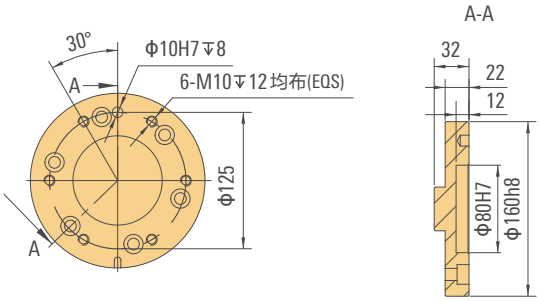
大臂孔位图
Lower arm





小臂孔位图
Upper arm

法兰图 Flange drawing



底座安装图 Base installation drawing

