



## AIR35-1700

高速度  
高精度  
高稳定性  
腕部 IP67

High speed  
High precision  
High stability  
Wrist IP67

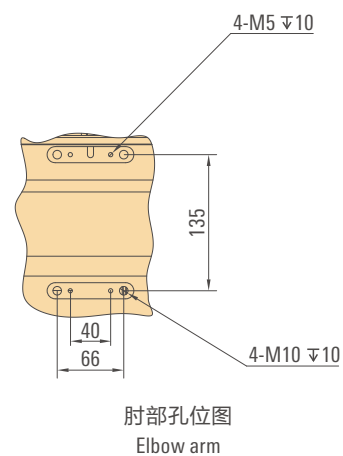
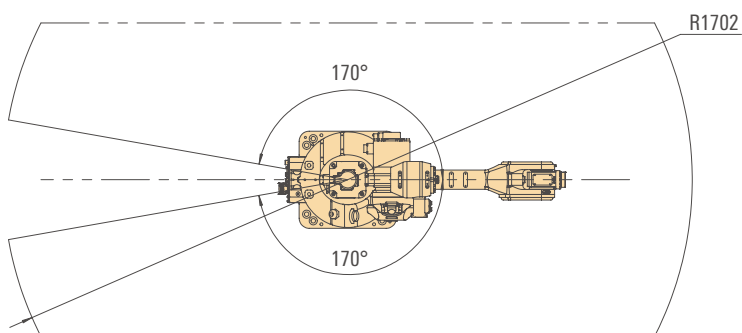
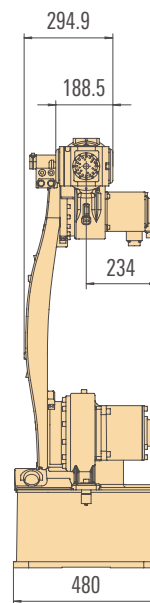
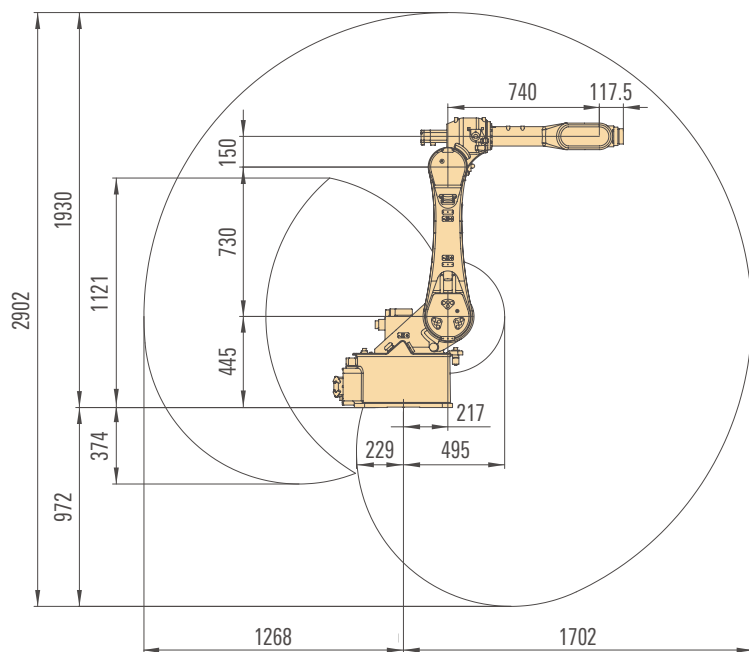
- 重复定位精度高达  $\pm 0.03\text{mm}$ 。  
High position repeatability up to  $\pm 0.03\text{mm}$ .
- 配备内置气管与 I/O 线缆。  
AIR35-1700 is equipped with the built-in gas pipe and I/O cable.
- 主要应用于上下料、打磨抛光、搬运、码垛等作业。  
AIR35-1700 is mainly used in loading & unloading, grinding & polishing, handling, palletizing, etc.

| 型号 Type                      |                                                                                                                                                                                                                                                                                                                                                        | AIR35-1700                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 轴数 Axes                      |                                                                                                                                                                                                                                                                                                                                                        | 6                                           |
| 负载 Payload                   |                                                                                                                                                                                                                                                                                                                                                        | 35kg                                        |
| 机器人本体<br>Manipulator         | 重量 Weight                                                                                                                                                                                                                                                                                                                                              | 297kg                                       |
|                              | 最大运动范围 Reach                                                                                                                                                                                                                                                                                                                                           | 1702mm                                      |
| 定位精度<br>Positioning accuracy | 位置重复定位精度<br>Position repeatability                                                                                                                                                                                                                                                                                                                     | $\pm 0.03\text{mm}$                         |
| IP 等级 Ingress Protection     |                                                                                                                                                                                                                                                                                                                                                        | IP54 ( 腕部 : IP67 )<br>IP54 ( Wrist : IP67 ) |
| 安装方式 Mounting                |                                                                                                                                                                                                                                                                                                                                                        | 地装 / 吊装<br>Floor / ceiling                  |
| 运动范围<br>Working range        | 轴 1* Axis 1 rotation                                                                                                                                                                                                                                                                                                                                   | $-170^{\circ}/+170^{\circ}$                 |
|                              | 轴 2 Axis 2 arm                                                                                                                                                                                                                                                                                                                                         | $-95^{\circ}/+155^{\circ}$                  |
|                              | 轴 3 Axis 3 arm                                                                                                                                                                                                                                                                                                                                         | $-95^{\circ}/+170^{\circ}$                  |
|                              | 轴 4 Axis 4 wrist                                                                                                                                                                                                                                                                                                                                       | $-185^{\circ}/+185^{\circ}$                 |
|                              | 轴 5 Axis 5 bend                                                                                                                                                                                                                                                                                                                                        | $-130^{\circ}/+130^{\circ}$                 |
|                              | 轴 6 Axis 6 turn                                                                                                                                                                                                                                                                                                                                        | $-400^{\circ}/+400^{\circ}$                 |
| 运动速度<br>Rotation rate        | 轴 1 Axis 1 rotation                                                                                                                                                                                                                                                                                                                                    | 220°/s                                      |
|                              | 轴 2 Axis 2 arm                                                                                                                                                                                                                                                                                                                                         | 220°/s                                      |
|                              | 轴 3 Axis 3 arm                                                                                                                                                                                                                                                                                                                                         | 220°/s                                      |
|                              | 轴 4 Axis 4 wrist                                                                                                                                                                                                                                                                                                                                       | 370°/s                                      |
|                              | 轴 5 Axis 5 bend                                                                                                                                                                                                                                                                                                                                        | 370°/s                                      |
|                              | 轴 6 Axis 6 turn                                                                                                                                                                                                                                                                                                                                        | 470°/s                                      |
| 适用控制柜 Controllers            |                                                                                                                                                                                                                                                                                                                                                        | inCube22/ARC5-25                            |
| 安装条件<br>Mounting conditions  | 环境温度: 0~45°C<br>Ambient temperature: 0~45°C<br>湿度: 恒温下 95% 以内, 无凝露。<br>Humidity: not more than 95% at constant temperature without condensation.<br>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)。<br>Allowable altitude: not more than 1000m above sea level.<br>不应有腐蚀性、可燃性、易爆性气体。<br>No corrosive, flammable or explosive gases. |                                             |



\* 若去除机械限位, 运动范围可达  $-180^{\circ}/+180^{\circ}$ 。  
If the mechanical limit is removed, the working range can reach  $-180^{\circ}/+180^{\circ}$ .

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



法兰图 Flange drawing

底座安装图 Base installation drawing

