

# SR50A-50/2.15

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**Max.load capacity at wrist 50kg, Max.reach 2158mm**

## Advantages

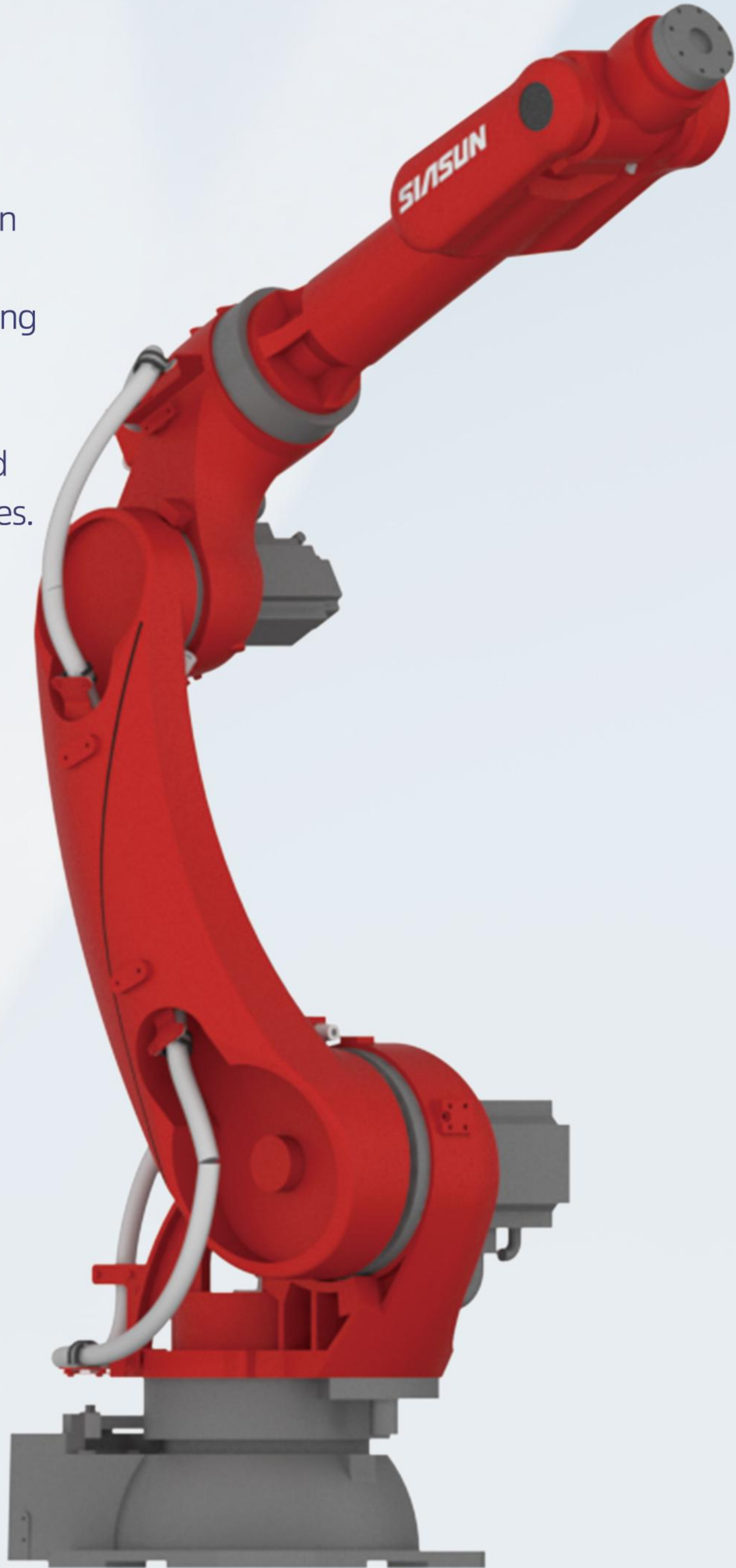
- Precision Control:** Integrated servo drive technology and a high-precision control system ensure stability and accurate positioning at high speeds, catering to demanding operational requirements.
- Simplified Transmission:** Capable of performing various actions in complex three-dimensional spaces, it adapts to the processing needs of workpieces with diverse shapes and sizes.
- Optimized Design:** The overall protection of the J6 motor and the built-in helical cable design effectively prevent interference between the robot's cables and user cables, making it particularly suitable for material handling in and out of machines and multi-station transportation scenarios.
- Easy Integration:** A user-friendly programming interface and robust software support facilitate swift deployment and adjustments. With good system compatibility, it integrates seamlessly with existing production lines.
- Broad Application:** Excelling in medium-scale material handling and assembly tasks, it is applicable to a wide range of industrial contexts.

## Application

Handling, Assembly, Cutting, Grinding & Polishing, Loading & Unloading, etc.

## Installation

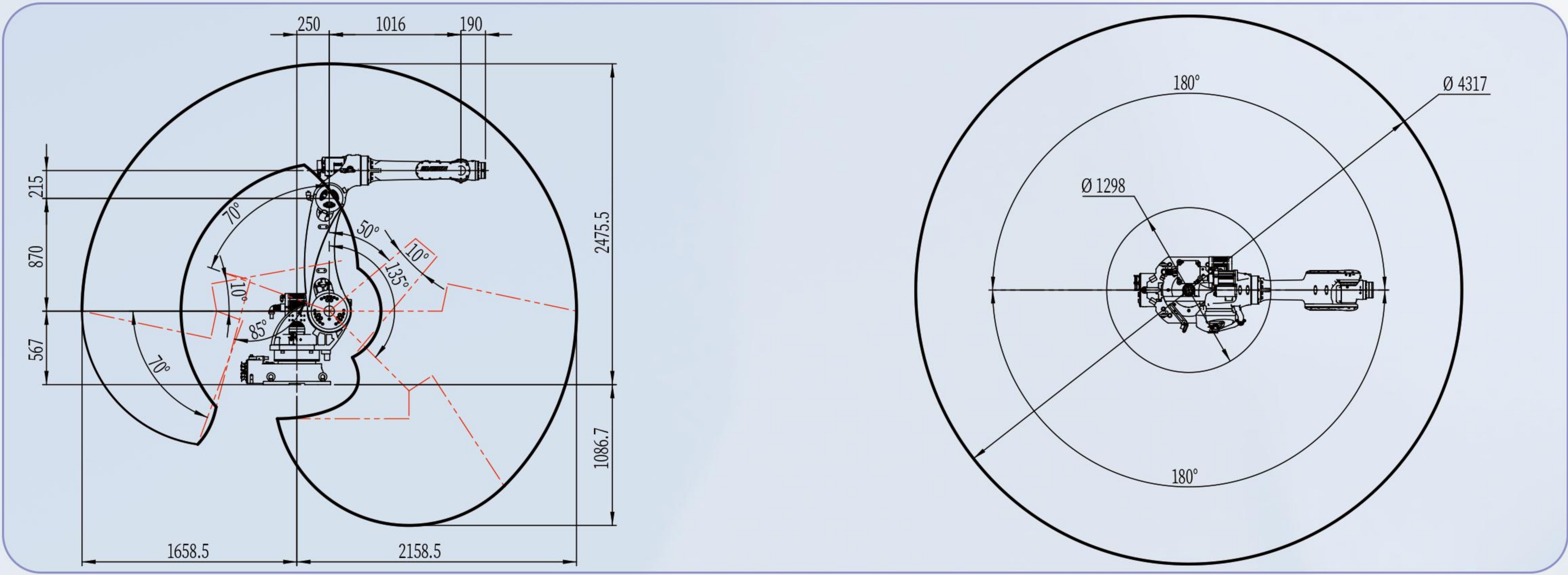
Floor



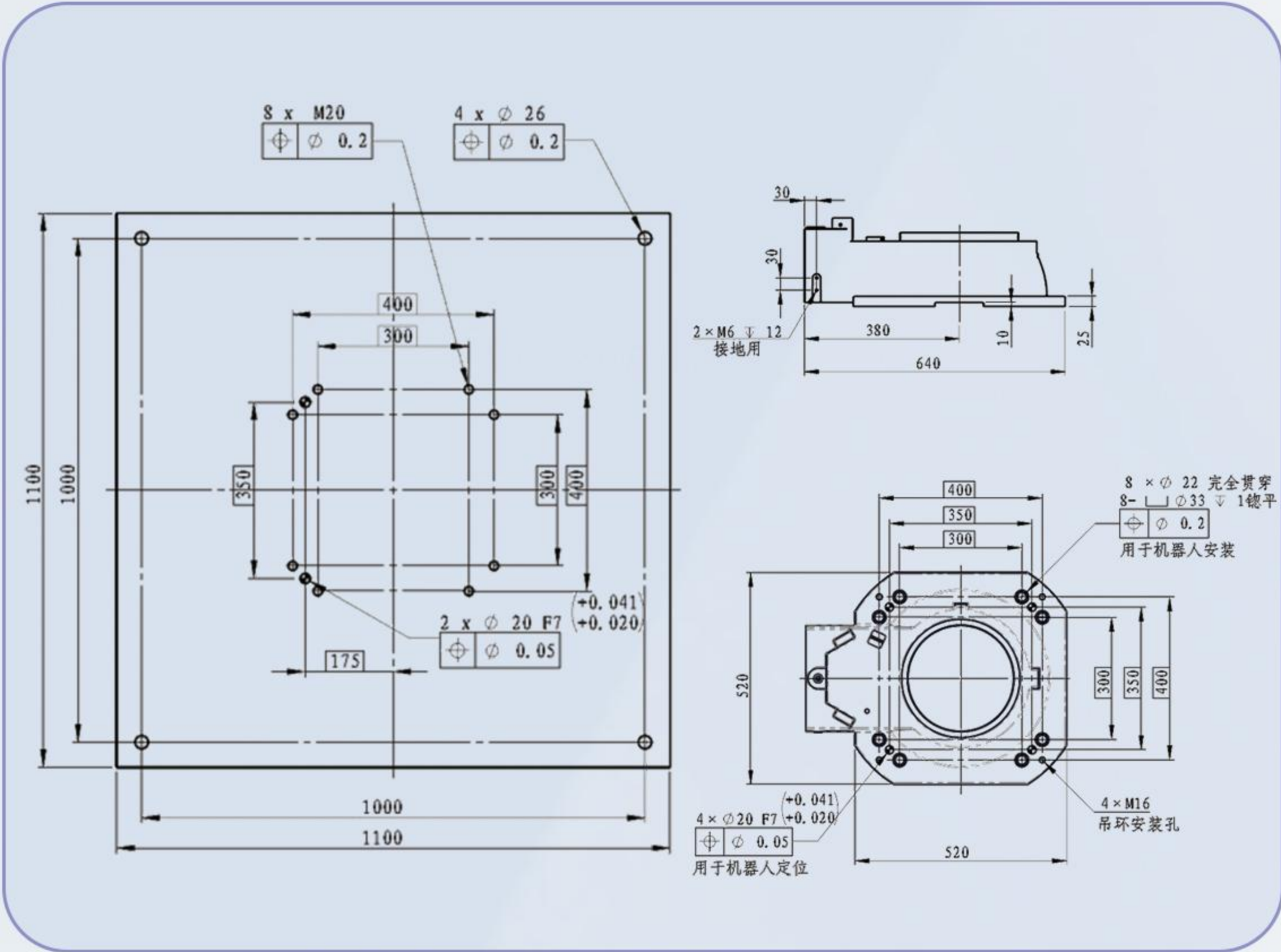
## SPECIFICATIONS

Axes	Motion range	Maximum speed	Moment	Inertia	Payload	50kg
J1	±180°	172°/s	-	-	Repeatability	±0.05mm
J2	+90°, -135°	160°/s	-	-	Max.reach	2158mm
J3	+185°, -80°	188°/s	-	-	Body Weight	530kg
J4	±360°	260°/s	218N·m	30kg·m²	Protection (wrist)	IP65
J5	±125°	260°/s	218N·m	30kg·m²	Input Power	7.5kW
J6	±360°	370°/s	110N·m	9kg·m²	Pre-installed Singal Cables	32cores, 0.2mm² per conductor

## WORKING RANGE



## BASE MOUNTING SIZE



## END FLANGE MOUNTING SIZE

