

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

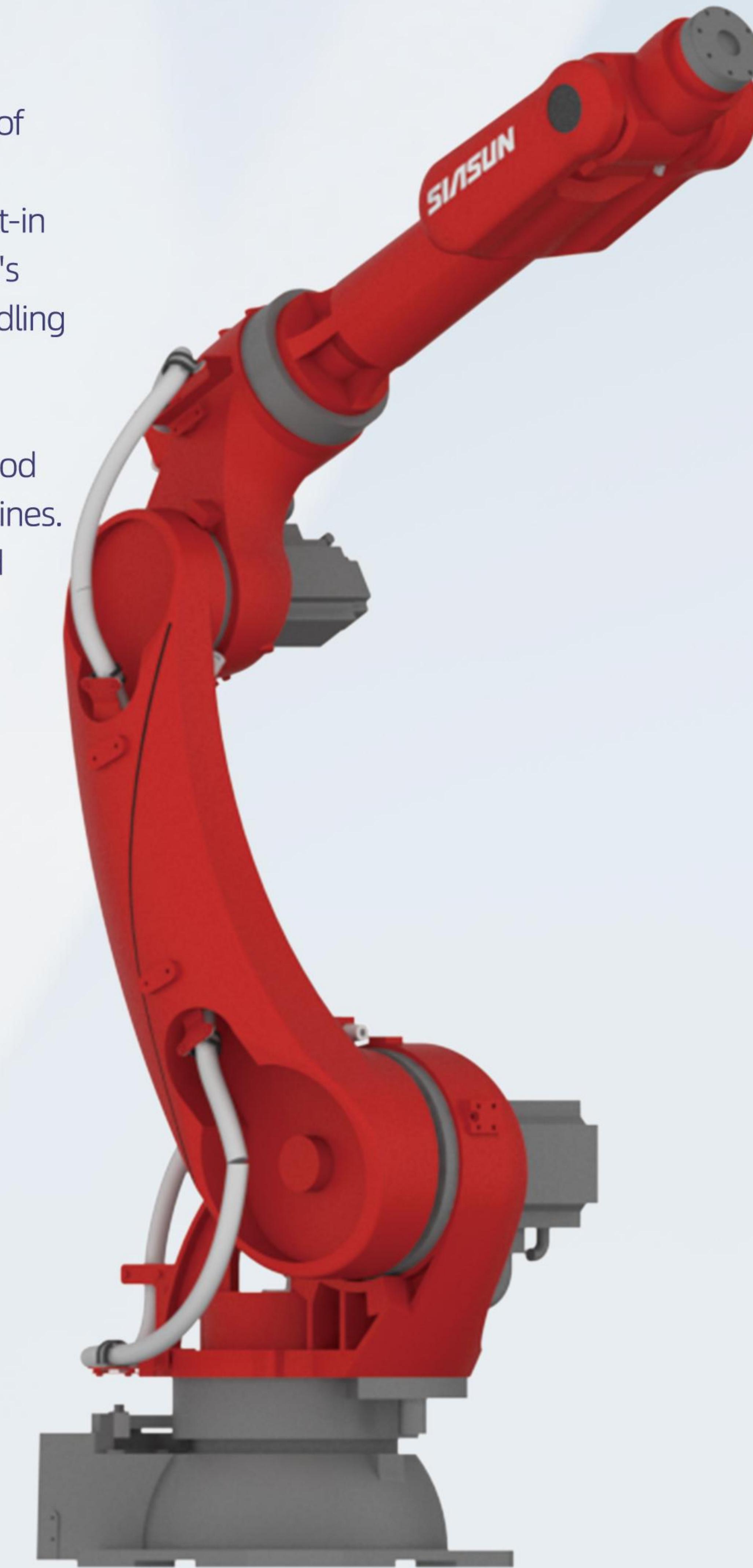
Handling, Assembly, Cutting, Grinding & Polishing, Loading & Unloading, etc.

● Installation

Floor

SIASUN ROBOT & AUTOMATION CO., LTD.

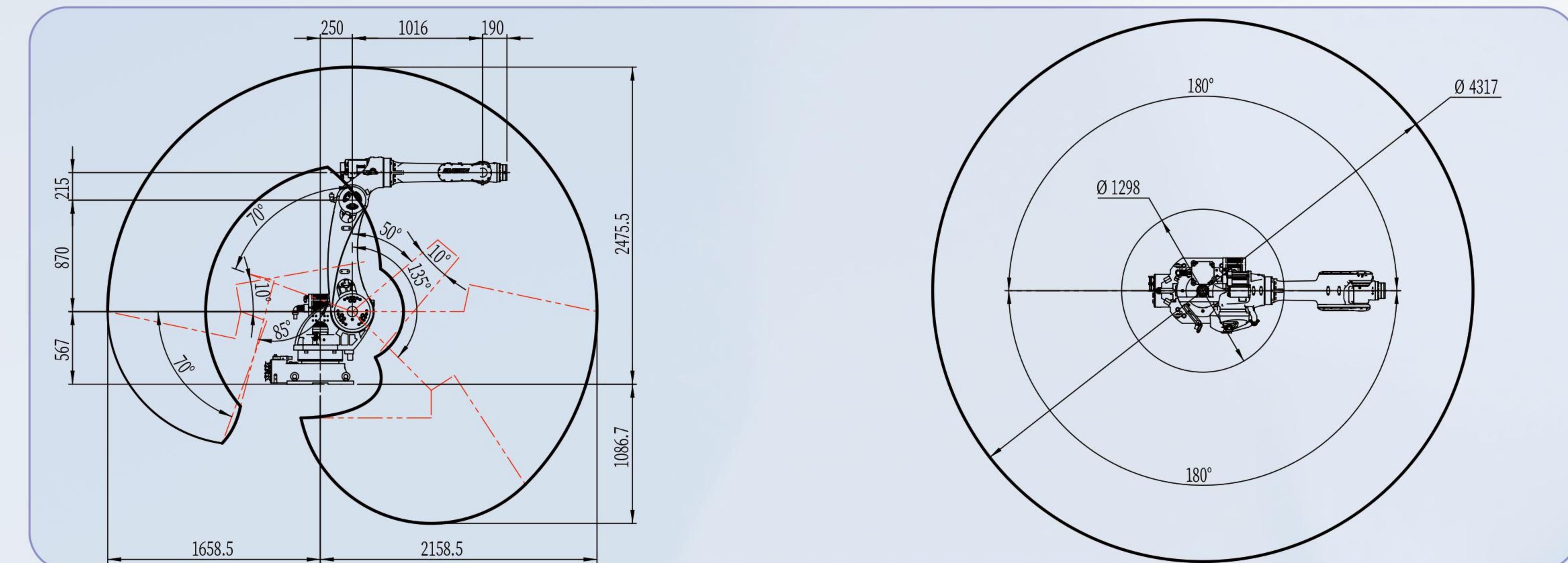
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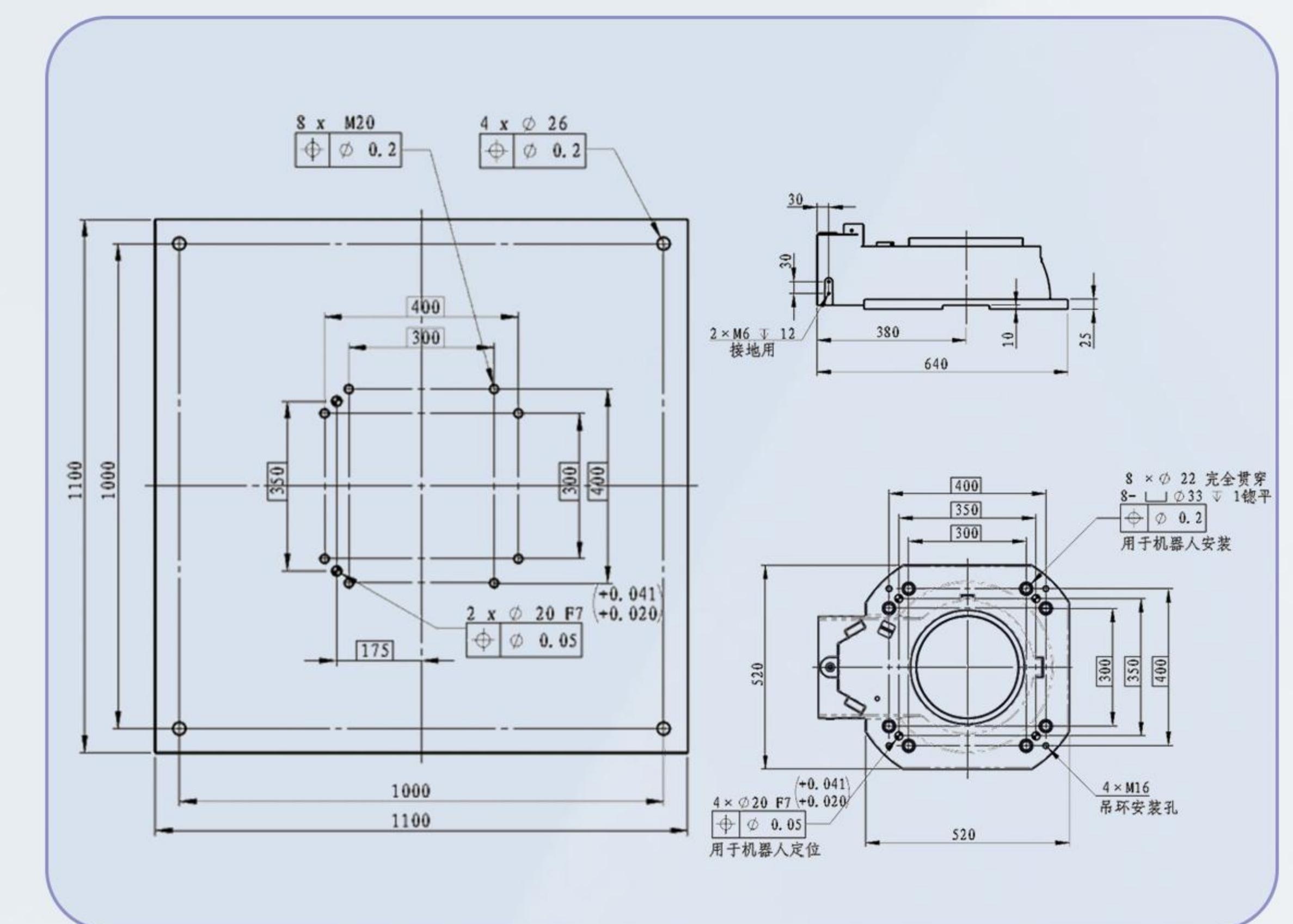
SPECIFICATIONS

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·m ²	Protection (wrist)	IP65
J5	±125°	260°/s	218N·m	30kg·m ²	Input Power	7.5kW
J6	±360°	370°/s	110N·m	9kg·m ²	Pre-installed Singal Cables	32cores, 0.2mm ² per conductor

WORKING RANGE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE

