

# SR25A-25/1.80

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**Max.load capacity at wrist25kg, Max.reach1803mm**

● **Advantages**

**Flexible Deployment:** The hollow arch arm design effectively reduces interference with workpieces, enhancing operational flexibility in complex environments. It ensures the robot achieves optimal working postures in confined spaces.

**Precision and Efficiency:** Exceptional power performance meets the demands of high precision, speed, and stability required under fast-paced production cycles, adapting to various rigorous manufacturing conditions.

**Lightweight Design:** Utilizing specialized casting techniques for automotive engine-grade aluminum alloys, the lightweight body, in conjunction with robust driving power, achieves unparalleled velocity and precision.

**Intelligent Excellence:** An advanced smart control system facilitates easy maintenance and management.

● **Application**

Laser Welding, Handling, Assembly, Grinding and Polishing, Loading and Unloading, etc.

● **Installation**

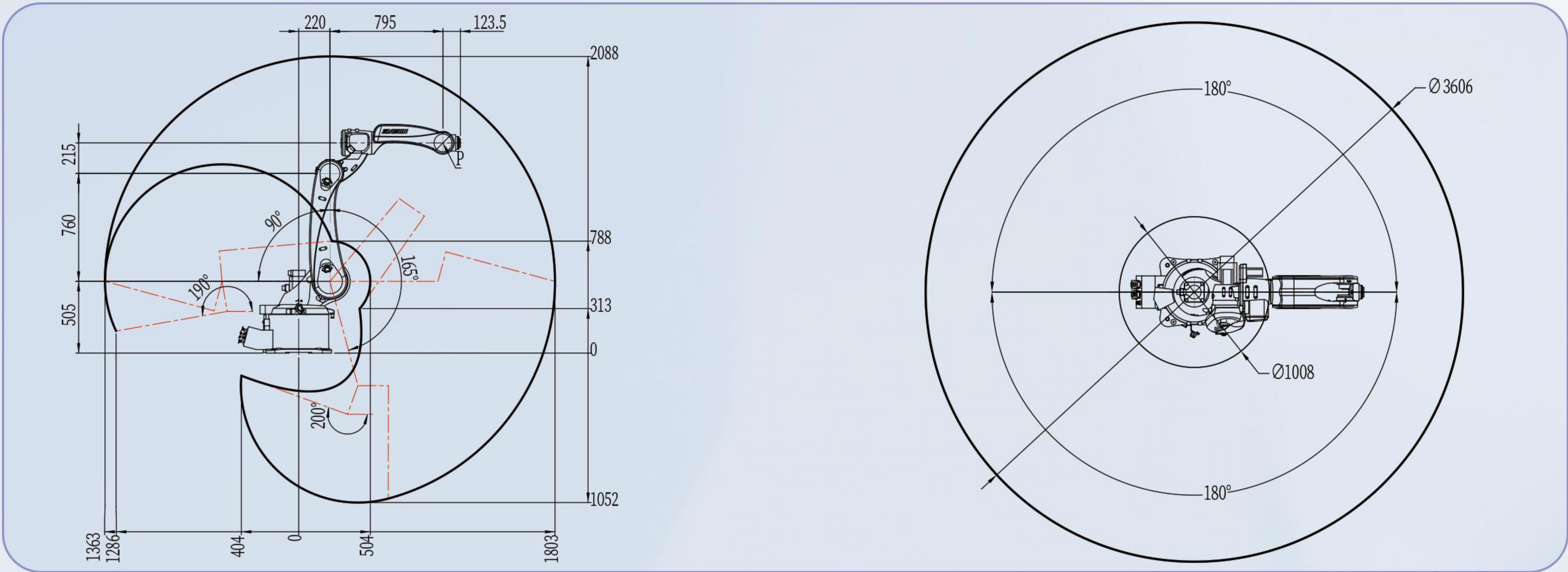
Floor, Ceiling



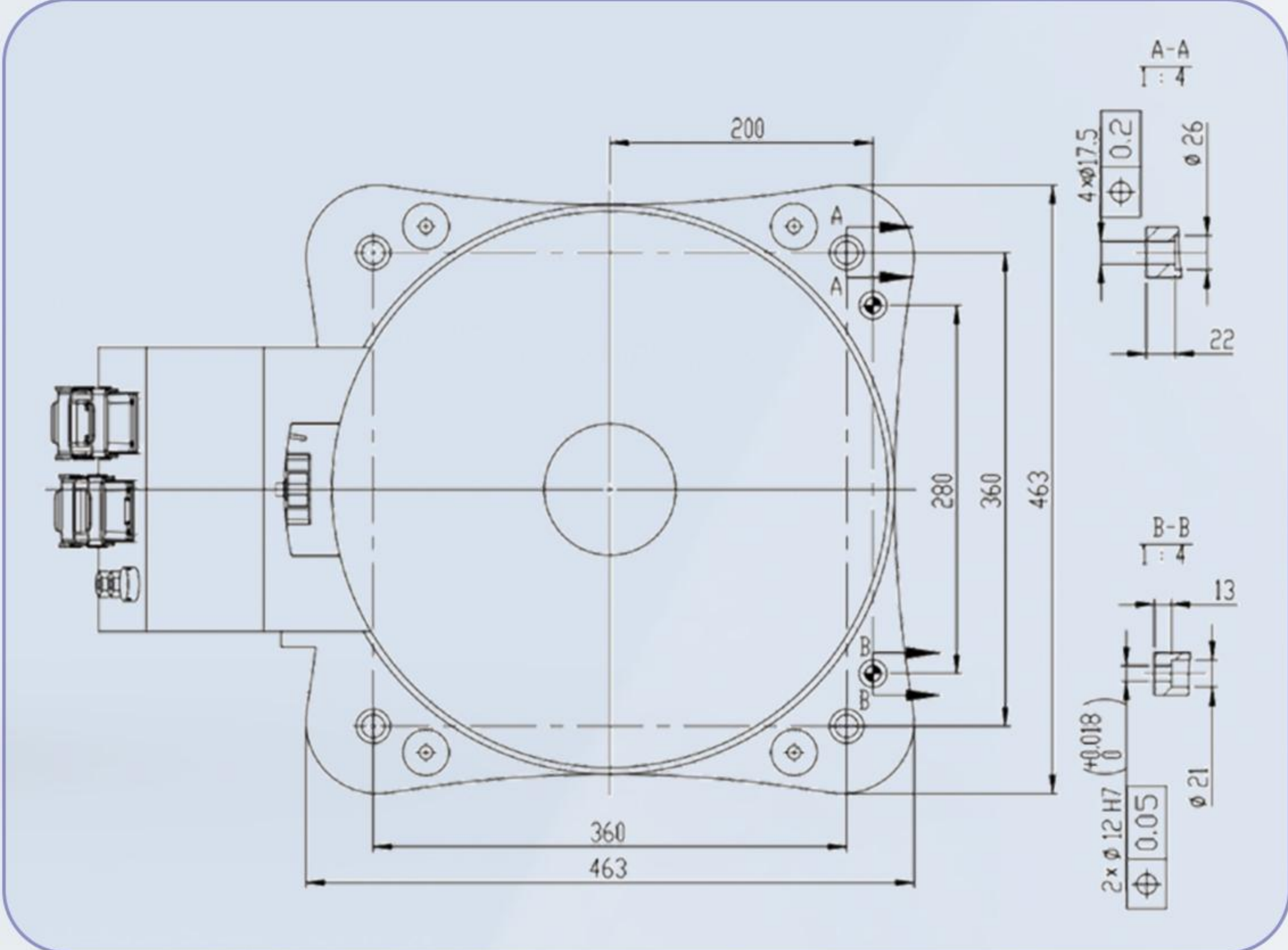
SPECIFICATIONS

Axes	Motion range	Maximum speed	Moment	Inertia	Payload	25kg
J1	±180°	200°/s	-	-	Repeatability	±0.05mm
J2	+90°, -165°	220°/s	-	-	Max.reach	1803mm
J3	+160°, -85°	220°/s	-	-	Body Weight	250kg
J4	±180°	380°/s	52N·m	2.4kg·m²	Protection (wrist)	IP65
J5	±180°	420°/s	52N·m	2.4kg·m²	Input Power	3kW
J6	±360°	550°/s	32N·m	1.2kg·m²	Pre-installed Singal Cables	16cores, 0.2mm² per conductor

WORKING RANGE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE

