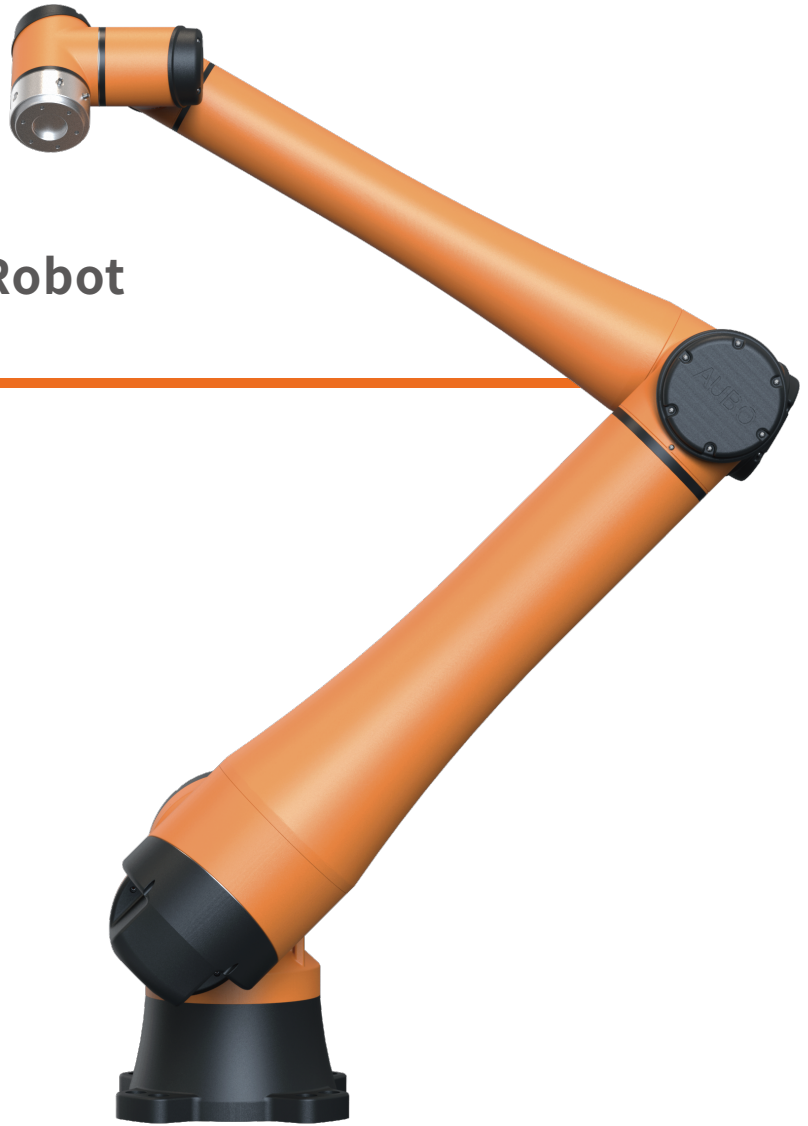


AUBO-iS35

iS Series Collaborative Robot



35 KG
PAYLOAD



172 KG
WEIGHT



±0.05 mm
REPEATABILITY



2100 mm
WORKING RADIUS

- ✓ AUBO-iS35 supports up to 35 kg super-heavy payload
- ✓ Joint speed up to 360°/s
Max. working radius: 2100 mm
Repeatability: ±0.05 mm
- ✓ Covers a wide range of heavy-load applications

Applications

The iS Series is suitable for a wide range of industrial applications, especially precision manufacturing, spraying, and sensitive-environment operations



CERTIFICATIONS

- ISO 13849(PL d with Cat. 3)
- CE Certification
- RoHS Certification
Reach Certification
- KCs Certification
- North American Safety Certification



Features & Advantages

- 01 Modular Design, Easy Replacement:** Integrated modular design with 6 standard module specifications, enabling quick replacement and easier maintenance
- 02 Enhanced Performance, Higher Accuracy and Speed:** Repeatability, absolute accuracy, and trajectory accuracy are all significantly improved, with faster robot
- 03 New Design, Stronger Protection:** Payload-to-weight ratio up to 1:3.2. Optimized core components and upgraded control algorithm. Fully enclosed structure with a protection rating of up to IP68minutes
- 04 Compact, Flexible, and Widely Applicable:** New teach pendant weighs only 1 kg. New control cabinet reduces floor space by more than 50%



High Performance



High Precision



Fast Response



Flexible Production



Precision Machining



Safety and Stability



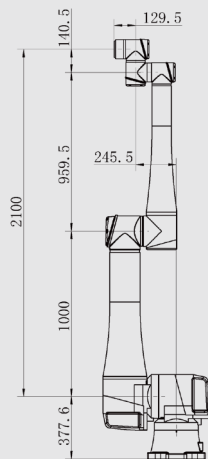
High Protection Grade



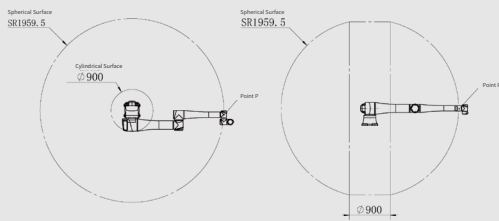
Compact Footprint



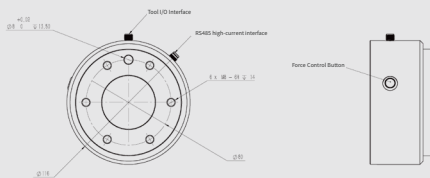
Modular Design



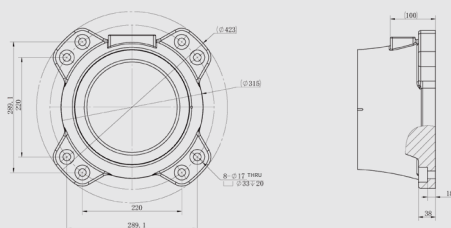
AUBO-iS35 Dimensions Diagram



AUBO-iS35 Point P Motion Range



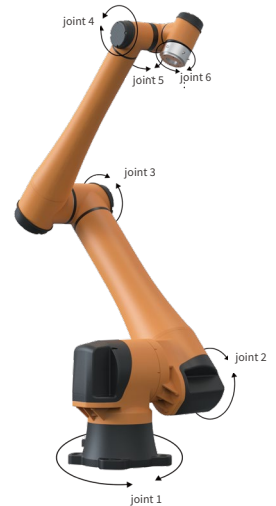
AUBO-iS35 End Flange



AUBO-iS35 Base Top View

Specification

Degrees of Freedom	6
Max Working Radius	2100 mm
Payload	35 kg
Weight	172 kg
Footprint Diameter	Ø423
Repeatability	±0.05
Tool Speed	≤4 m/s
Average Power	2000 W
Peak Power	6000 W
Operating Temp. Range	0-50 °C
Operating Humidity	90% RH (Non-condensing)
Mounting	Any Angle
IP Classification	IP54 (IP67 optional)



Joint Motion	Joint 1	Joint 2	Joint 3	Joint 4	Joint 5	Joint 6
Range of Motion	±360°	±360°	±360°	±360°	±360°	±360°
Max Speed	113 °/s	113 °/s	123 °/s	237 °/s	237 °/s	237 °/s

*Joint motion capabilities may be limited by application scenarios; maximum speeds may not be reached. Please note this during use.

Control Cabinet

Product Model	AUBO-CB-iS-H
Dimension (L*W*H)	440 mm*240 mm*320 mm
Weight	18 kg
Robot Arm Cable Length	5 m (Customizable, up to 8 m)
Teach Pendant Cable Length	4 m
Power Cable Length	5 m
Communication Protocols	Ethernet, ModBus-RTU/TCP, Profinet Ethernet/IP (Optional)
Interfaces & Openness	SDK (C/C++/C#/Lua/Python/JavaScript Windows + Linux) Supporting ROS/ROS2, AP
Power Supply	115/230VAC, 50/60Hz
IP Classification	IP43



I/O Interfaces	Control Cabinet	Tool End
I/O Interfaces		
Digital Input	16 (Standard), 16 (Configurable) / 8 (Safety)	4 (Configurable)
Digital Output	16 (Standard), 16 (Configurable) / 8 (Safety)	4 (Configurable)
Analog Input	2	2
Analog Output	2	-
485 Communication	2	1 (Optional)
I/O Power		
Output Voltage	24 V	0V/12V/24V
Output Current	3A Max	2A (3A Max)

Teach Pendants

Product Model	AUBO-TP-IS
Dimension (L*W*H)	254 mm*213.1 mm*40.8 mm
Weight	1.0 kg
IP Classification	IP54
Color	Orange + Black



Disclaimer:

1. The contents of this product brochure are subject to change without prior notice.
2. This product brochure is copyrighted by the company. Any reproduction or quotation of its contents must clearly indicate the source. Unauthorized reproduction or distribution without permission may be considered infringement, and legal responsibility will be pursued in accordance with applicable laws.

Revision Date: June 26th, 2026

