MOKA

Industrial Robot Series

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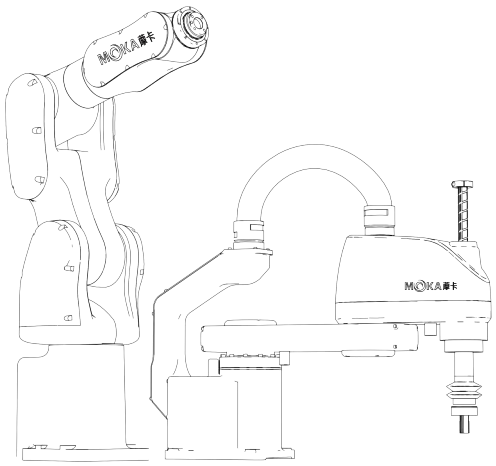
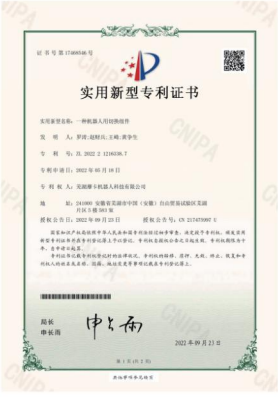


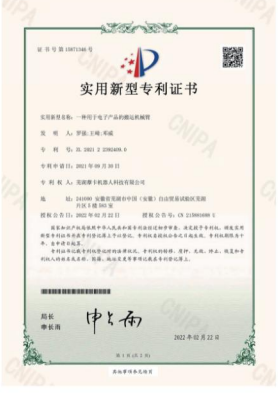
- Higher Precision
- Higher Protection Level(IP67)
- Higher Speed
- Better Price Performance

V8.4

Moka Robot is a high-tech robot manufacturer providing high quality industrial robots and solutions to our customers. As one of the earliest companies who manufactures industrial robots, we offer professional, timely service and complete robot application solutions.
Our robot system is highly stable and mature. After years of development, our products are widely used in industrial automation applications such as welding, painting, handling, palletizing and polishing, both in China and the global market.
Our industrial robots are developed by our company with independent intellectual property rights. The motion of each joint of the robot is realized by high performance servo motors and a high precision reducers. The core advantages of our industrial robots include: cost-effective, compact structure, highly reliable, high speed, high precision, easy to operate and easy to maintain.
For details, please visit www.mokarobot.com.

Honorary qualifications





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MB SERIES SCARA ROBOTS

MB04SC-300

MB04SC-400

MB10SC-500

MB10SC-600

MB10SC-700

MB10SC-800

MB25SC-800

MB25SC-900

MB25SC-1000

MB SERIES SMALL 6-AXIS ROBOTS

MB04S-580

MB10S-740

MB10S-920

MB SERIES GENERAL6-AXIS ROBOTS

MB20-2100

MB35-1870

MB45-1870

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MB SERIES HEAVY DU'TY 6-AXIS ROBOTS

MB180-3200

MB210-2650

MB280-2650

MB SERIES MR SERIES ROBOTS

MR10C-1488

MR30C-1750

MR10W-1440-D

MR12-2010

MR12Z-1550

MR80E-2250

MR60E-2680

MB10SC-700

PAYLOAD : 5-10KG REPEATABILITY : ±0.02mm

Number of axis	4-axis		Maximum speed	Moving range
Motion radius	700mm	J1 axis S	J1+J2 9580mm/s	±135°
Power capacity	2.0KVA	J2 axis L		±150°
Max payload	Rated 5KG/Max 10KG	J3 axis U	1100mm/s	200mm
Repeatability	±0.02mm	J4 axis R	880°/s	±360°
Robot mass	29KG	Input/Output signals		Standard 16 in/16 out 24 VDC
Built-in air tube	Φ6	Mounting position		Floor

MADE BY MOKAROBOT

SPECIFICATIONS

TECHNICAL SPECIFICATION

Installation Environment

Temperature	0-45°CT	Humidity	20~80%RH(no condensing)	No corrosive or combustible gas, no water, no splashing	No excessive oil or dust
Vibrations	Below 4.9M/S2 (0.5G)	Altitude	Below 1000M	Away from electromagnetic source	Away from magnetic field

Control cabinet specifications

Overall dimension	386(width)*445(depth)*225(height)mm (no protrusions)
Approximate mass	19KG
Cooling method	Natural cooling
Power specifications	1PH 220V 50/60HZ
Grounding	Industrial grounding (dedicated grounding,resistance below100Ω)
Input/Output signal	General signal:16 input,16 output
Position control method	Serial communication EtherCAT.TCP/IP
Memory capacity	JOB: 200000 steps,10000 robot commands (total 200M)
LAN(Host link)	Ethercat(1pc) TCP/IP(1pc)
Control mode	Servo position control
Ambient temperature	In use:0~ + 45°C,In storage: - 20~ + 60°C
Driver unit	AC servo system (4-axis)
Relative humidity	10%~90%(no condensing)
Vibrate	Below 0.5G

Serial port I/F

RS232/RS422/RS485(1pc) RS232(1pc) RJ45 Port(3pc)

Altitude

Below 1000m. Derate 1% for every additional 100m if over 1000m. Maximum 2000m.

Others

No dust, cutting fluid (including coolant), organic solvent, oil smoke, water, salt, medicine, anti-rust oil, strong microwave, ultraviolet light, X-ray, radiation exposure

Teach pendent specifications

External dimensions	280(width)*220(depth)*120(height)mm (with protrusions)
Gross weight	0.6KG
Material	Reinforced plastics
Display	8 inch color LED,640*480 pixels
Protection class	IP54
Cable Length	Standard 6m. Optional: 8m, 10m, 15m

Manipulator

Selector, axis operation, value, mode selection with key (teach mode/auto mode/remote mode), emergency stop, enable, USB port etc

ATTENTION

Please read the user manual and relevant documentations before use.
Contact official staff or distributor of MOKA if there are any errors, faults or if the robot is a harm to human safety.
All data, drawings and specifications provided in this catalog are purely for information purposes and do not constitute a guarantee of these characteristics. The extent of goods delivered and services performed is determined by the subject matter of the specific contract. No liability accepted for errors or omissions.

SPECIFICATIONS

TECHNICAL SPECIFICATION

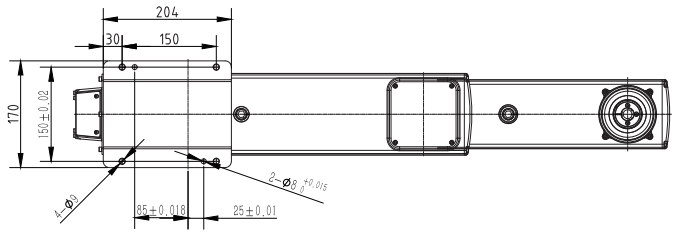
10KG
Max payload

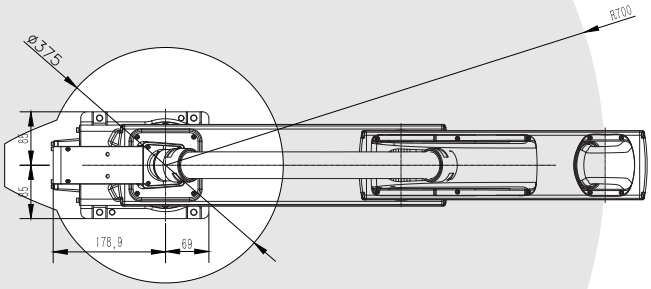
±0.02mm
Repeatability

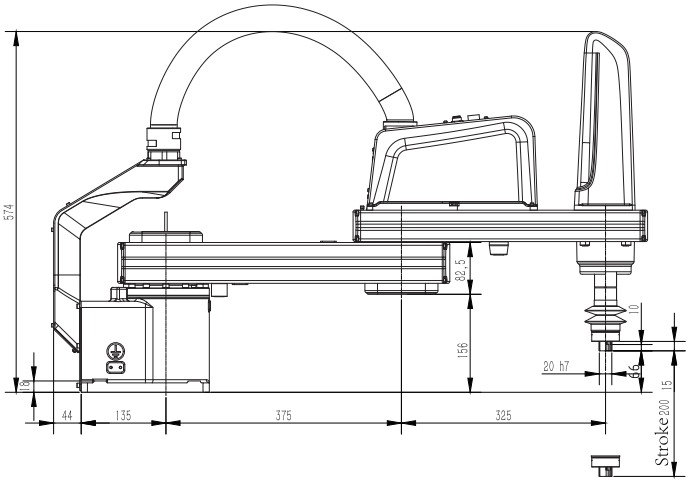
700mm
Moving range

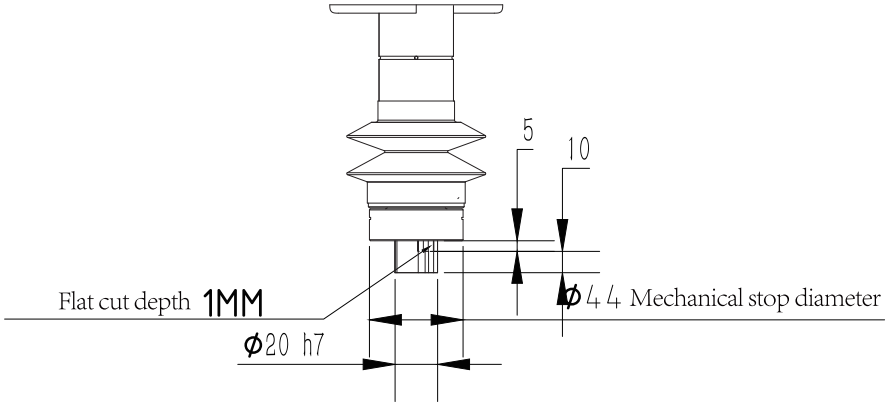
External dimensions and moving range

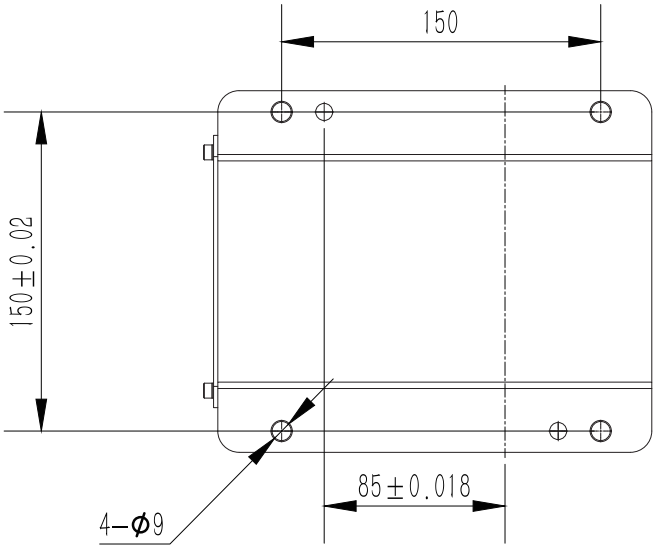
P moving range





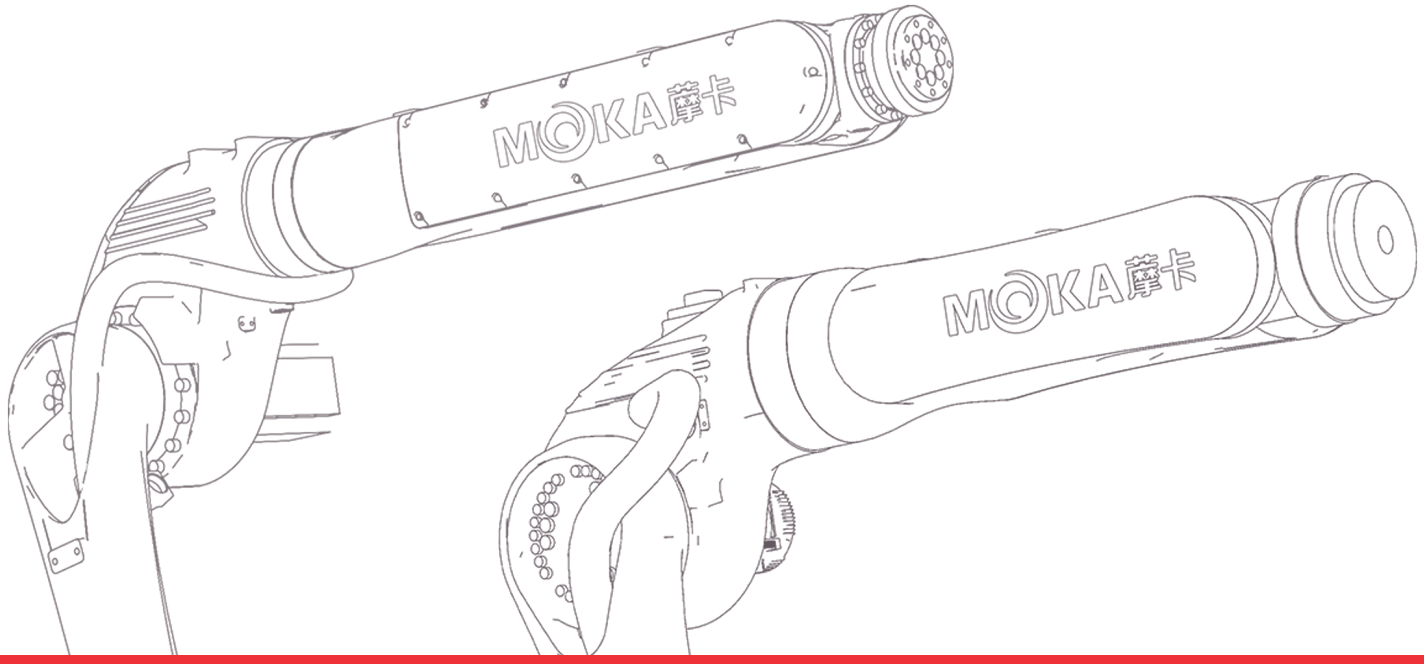






End flange installation dimensions

Base installation dimensions



MOKA 薩卡

Committed to providing customers with
the most valuable products

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