



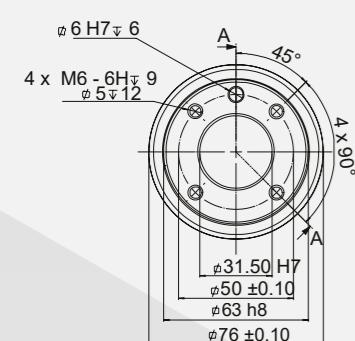
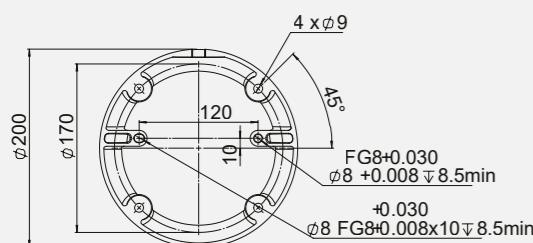
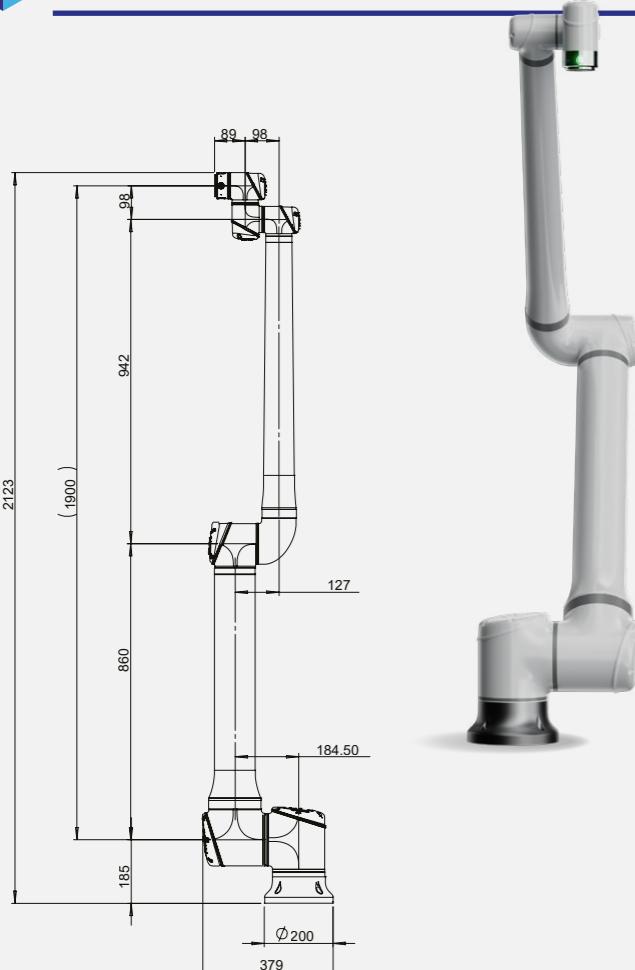
4 kg



1900 mm



±0.1mm



## Robotic Arm

<b>Payload</b>	4kg
<b>Radius</b>	1900mm
<b>Accuracy</b>	±0.1mm
<b>Axis</b>	6
<b>Joints rotation</b>	J1-J6
	±360°
<b>Joints speed</b>	J1-J2
	120°/s
	J3
	150°/s
	J4-J6
	260°/s
<b>Typical TCP Speed</b>	1.5 m/s
<b>IP rating</b>	IP54
<b>Temperature range</b>	-10~50°C
<b>Relative humidity</b>	5%~95% (non-condensing)
<b>Noise reduction</b>	<70db
<b>Typical power usage</b>	350w
<b>Mounting</b>	Any angle
<b>Tool I/O connector</b>	12 pin
<b>Tool I/O ports</b>	2 DI, 2 DO; 1 AI, 1 AO
<b>Tool I/O power supply</b>	24V/2A
<b>Tool I/O communication</b>	RS485, Modbus RTU
<b>Footprint</b>	Ø 200 mm
<b>Weight</b>	33.5kg
<b>Material</b>	Aluminum, steel, plastic, rubber
<b>Cable length</b>	5.5m*
<b>Certifications</b>	ISO 10218; RoHS-1; UL, CE, CR, KCs
<b>Programming</b>	LUA-script, free-drag/offline programming

\* Optional cable lengths of 1.5m, 3m and 8m are available.



With a leading radius of 1900cm, EC64 is the cobot cobot with the longest reach in the entire Elite Robots range and perfect for effortlessly performing 2D and 3D inspection and measurement tasks of large components.

## Standard controller

<b>Type</b>	AC / DC
<b>I/O ports</b>	16 x DI, 20 x DO, 2 x AI, 4 x AO
<b>I/O power supply</b>	24V/2A
<b>Communication</b>	RS485/RS232, Ethernet TCP/IP, UDP, Modbus TCP/RTU, Ethernet/IP slave, Profinet slave, CCLink slave (optional)
<b>Size</b>	505mm x 246mm x 447mm
<b>IP Rating</b>	IP44
<b>Weight</b>	17kg
<b>Power source</b>	90-264VAC, 50-60Hz / 19-72VDC
<b>Temperature range</b>	0~50°C
<b>Relative humidity</b>	5%~95% (non-condensing)
<b>Material</b>	Aluminum, Steel



Standard AC/DC controller with 16 DI / 16 DO. Ethernet/IP / Profinet slave with Modbus TCP/RTU interface

## Mini controller

<b>Type</b>	DC
<b>I/O ports</b>	8 x DI, 8 x DO
<b>I/O power supply</b>	24V/2A
<b>Communication</b>	RS485, Ethernet TCP/IP, UDP, Modbus TCP/RTU, Ethernet/IP slave, Profinet slave, CCLink slave (optional)
<b>Size</b>	205mm x 135mm x 40mm
<b>IP Rating</b>	IP40
<b>Weight</b>	1.2kg
<b>Power source</b>	45-55VDC
<b>Temperature range</b>	0~50°C
<b>Relative humidity</b>	5%~95% (non-condensing)
<b>Material</b>	Aluminum



Optional OEM "Mini" DC controller for integrators, OEM partners and users who want to create their own custom design.

## Teach Pendant ERP300

<b>Size</b>	290mm x 225mm x 118mm
<b>Screen size</b>	8"
<b>Resolution</b>	800 x 600 pixels
<b>IP rating</b>	IP54
<b>Weight</b>	1.2kg
<b>Cable length</b>	5.5 m
<b>Temperature range</b>	0~50°C
<b>Relative humidity</b>	5%~95% (non-condensing)
<b>Material</b>	Aluminium, plastic, rubber
<b>Input method</b>	Resistive touch-screen, 3-mode enable key



Industrial teach-pendant with 3-modes enable key for safe and convenient on-site operations. 8" touch-screen.