

Bat-series Delta Robot

Bat600C-S3

It features high speed and agility, high positioning accuracy and strong power, facilitating high-speed and high-precision flexible production.

Applicable industries
Sorting, handling, loading and unloading, boxing, gluing, and other links in electronics, food, medicine, daily chemicals, logistics, and new energy.

Product features

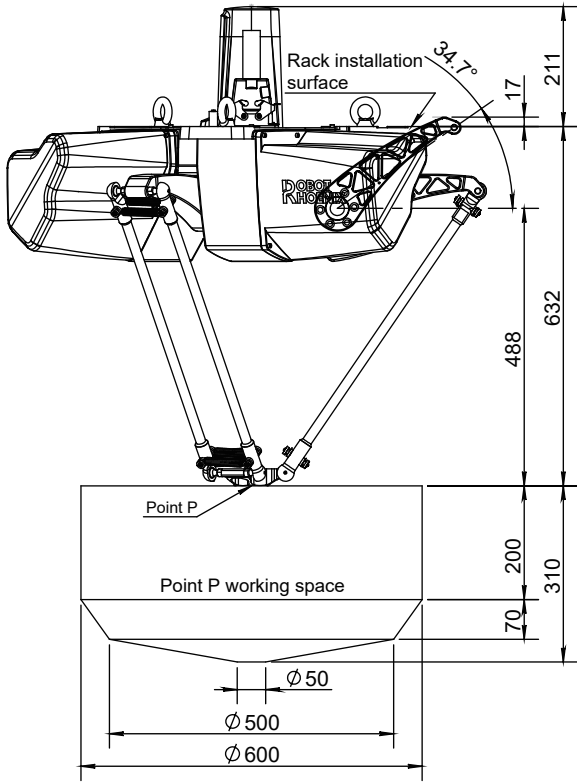
Load	3kg
Working space diameter	600mm
Repeat positioning accuracy	±0.05mm
Configuration	Standard 3-axis



Specification			Bat600C-S3
Rated load			3kg
Max. load			12kg
Working space diameter			600mm
Number of axes			3
Repeat positioning accuracy			±0.05mm
25/305/25	0.1kg		0.26s
	1kg		0.27s
	3kg		0.33s
90/400/90	0.1kg		0.33s
	1kg		0.34s
	3kg		0.38s
Power supply voltage			Three-phase AC 220 V±10%, 50/60 Hz
Rated power			3.2KW
Ambient temperature			0-45°C
Relative humidity			5-95%
Degree of protection			IP54
Safety			Equipped with monitoring, emergency stop, and installation functions
Radiation			EMC shielding
Installation method			Hoisting
Weight of the robot body			67kg
I/O interface			4-channel configurable digital I/O 8-channel universal digital I/O (8 additional I/O channels can be added) 2-channel encoder input
Ethernet			2
USB			2
RS232\RS485			1
EtherCAT			1
Communication protocol			Modbus-RTU/TCP、Socket

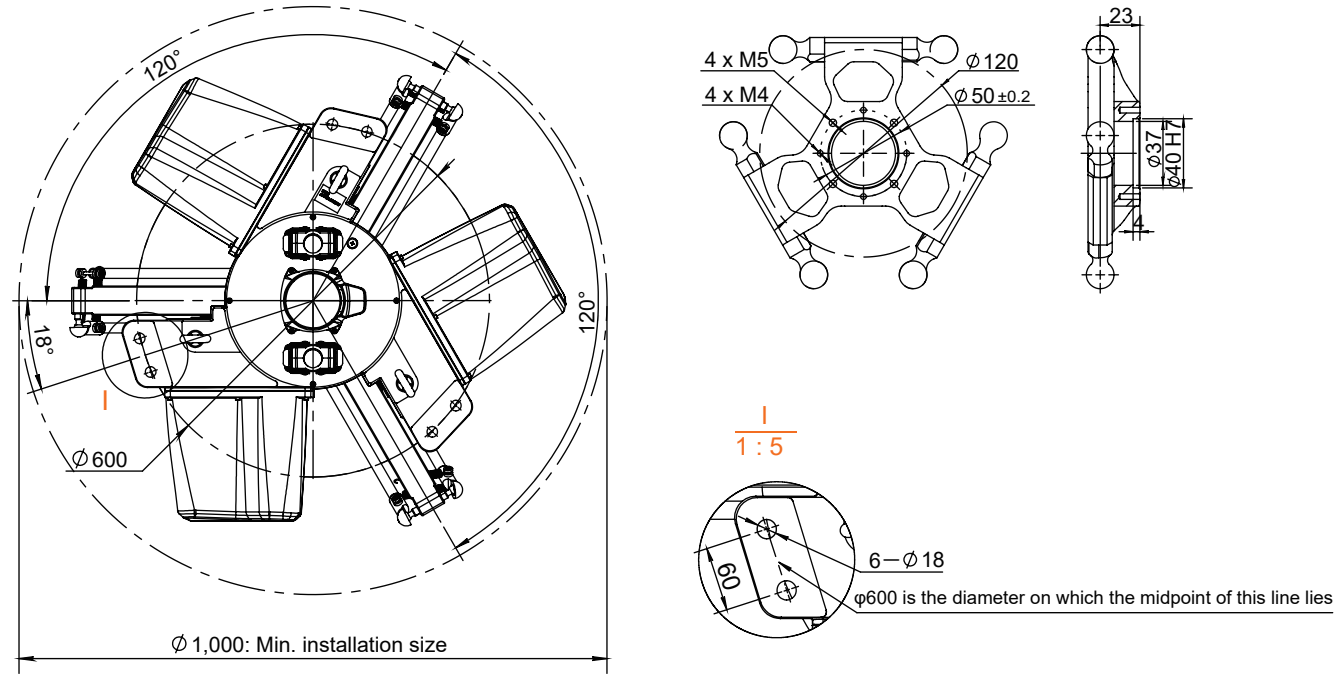
*: For specific requirements regarding line selection, interface configuration, and other optional needs, please consult the technicians of RobotPhoenix.

Working range



Model	Bat600C-S3
Distance from installation surface to top of equipment	211mm
Max. upper arm elevation and horizontal plane angle	34.7°
Max. elevation of the upper arm to the height of the installation surface	17mm
Distance from installation surface to upper plane of working space	632mm
Distance from the reducer shaft center to the upper plane of the working space	488mm
Total height of the upper and lower limits of the working space	310mm
Height of the cylindrical part of the working space	200mm
Height of the conical frustum part of the working space	70mm
Transition diameter of the conical column in the working space	500mm
Bottom diameter of the conical column in the working space	50mm
Diameter of the circular table part of the working space	600mm
Min. installation size of the robot body	1000mm

Installation size



*: Any changes resulting from upgrading our products will not be notified separately.