

CRP-RS12-60Z40

SCARA ROBOT



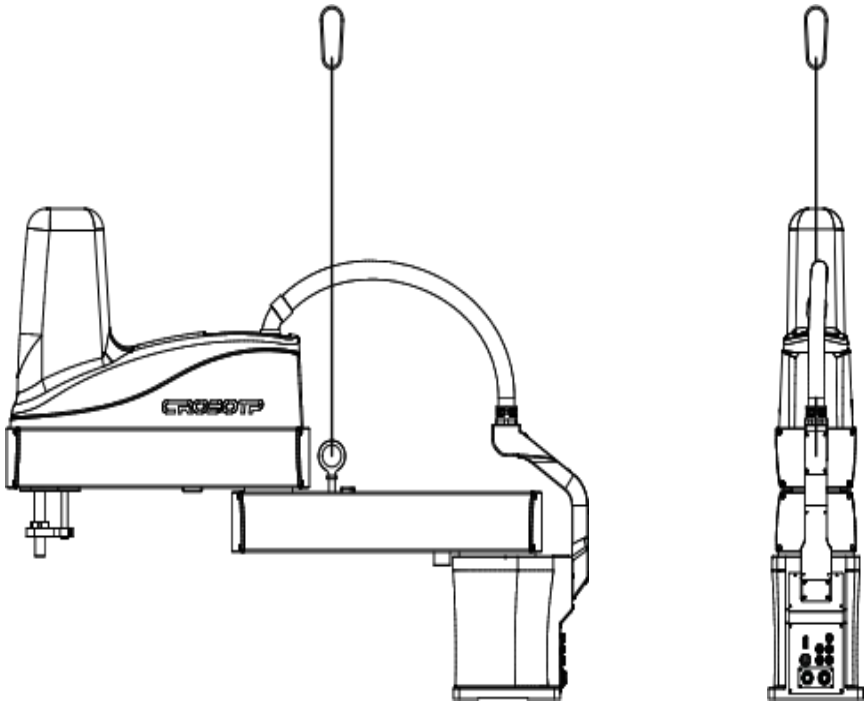
FUNCTIONAL FEATURES

- The maximum load of the robot can reach 60kg,the arm span can reach 1200mm,andthe effective travel of the Z-axis can meet 400mm;
- Standard door type beat up to 0.79s,faster speed,fast handling;
- Robot built-in 1 gigabit network cable,can meet the need for network cable communication,reduce cable interference;
- The product structure is compact,the weight is only 120kg,combined with software algorithm processing,to achieve stable and efficient operation of the robot in practical applications.

ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RS12-60Z40
Maximum payload		60kg
Maximum coverage		1200mm
Standard cycle time beat		0.79s
Maximum travel	J1	±130°
	J2	±150°
	J3	400mm
	J4	±360°
Maximum speed	J1~J2	8062mm/S
	J3	760mm/S
	J4	669°/S
J4 Allowable moment of inertia	Rated load	1kg.m²m²
	Maximum load	2.4kg.m²m²
Repeated positioning accuracy	J1~J2	±0.03mm
	J3	±0.02mm
	J4	±0.05°
Robot body weight		120kg
Installation mode		Countertop mounting
Body interface	Reserved IO	15Pin
	Reserved gas	2*φ6mm, 2*φ8mm, pressure resistance: 0.59Mpa
Installation environment	Ambient temperature	0~40℃
	Relative humidity	20%~80%RH(no condensation)
	Vibration	Under 0.5G
	Others	Robot installation must be away from: flammable or corrosive liquids or gases, electrical sources of interference.
Application		Handling, sorting, loading and unloading, palletizing, soldering, dispense glueing, pad printing
Matching electrical cabinet		G12

Hoisting diagram



Installation dimension diagram

