

CRP-RS06-10Z40H

CRP-RS07-10Z40H

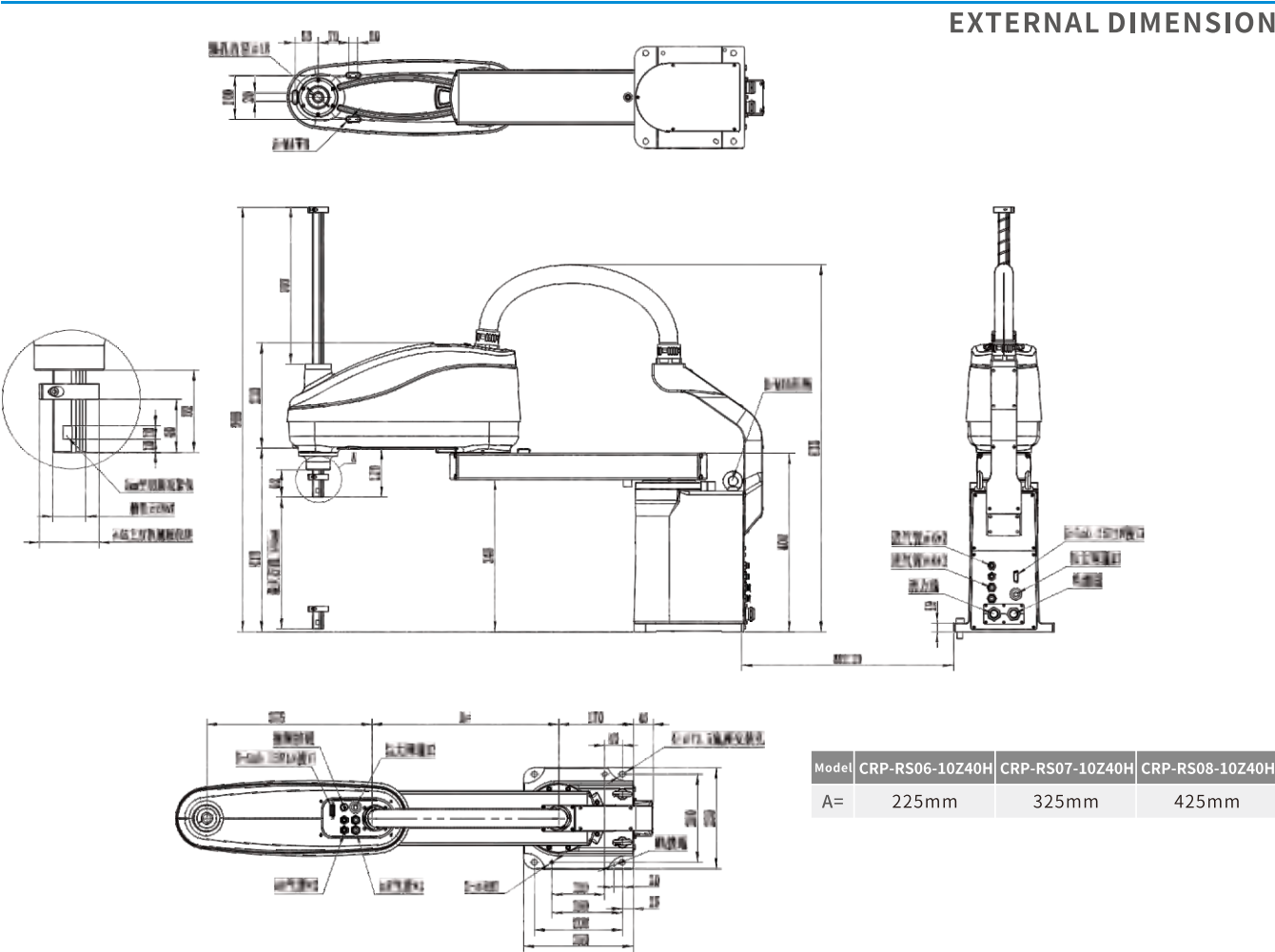
CRP-RS08-10Z40H

SCARA ROBOTS

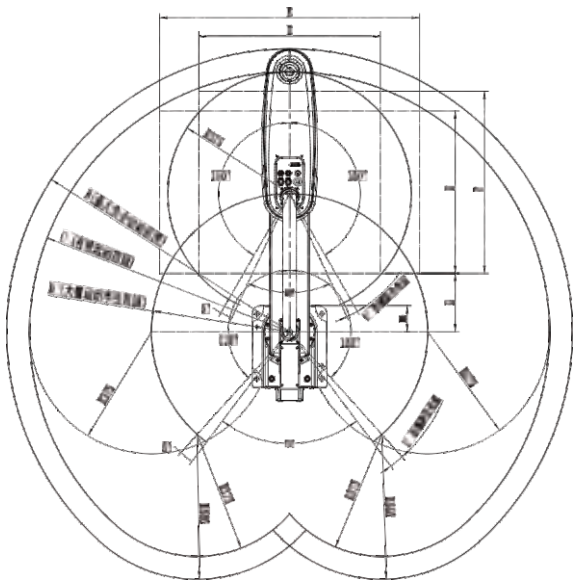


FUNCTIONAL FEATURES

- Unique structural design, fast running speed, high transmission accuracy, low noise.
- Available in 600, 700, 800 mm arm length specifications, up to 10kg payload, rated payload of 5kg.
- The robot body adopts the special cable for flexible robot, which has high life.
- Equipped with G12 control cabinet, ARM architecture, strong stability, excellent performance.
- It provides dedicated security interface I/O, supports expansion of three network ports, supports hot swap of the teaching device, and ADAPTS to the upper software on the PC. With gravity compensation, load adaptive, and S-T function; The whole machine has higher precision, less impact and faster beats in typical working conditions.
- This machine is mainly used in 3C industry, production line sorting and loading, handling, palletizing, soldering, dispensing, pad printing and other light industrial automation integration fields.



MOTION RANGE DIAGRAM



NAME / Model	CRP-RS06-10Z40H	CRP-RS07-10Z40H	CRP-RS08-10Z40H
B Maximum safe range of motion	670mm	770mm	870mm
C Effective range of motion	600mm	700mm	800mm
D Radius of upper arm movement	225mm	325mm	425mm
E The maximum square matrix size	450mm	550~750mm	560~800mm
F Large rectangular square size	250mm	400~460mm	500~560mm
G Base safety distance	300mm	180mm	180mm

ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RS06-10Z40H	CRP-RS07-10Z40H	CRP-RS08-10Z40H
Maximum payload		10kg	10kg	10kg
Maximum coverage		600mm	700mm	800mm
Standard cycle time beat		0.48s	0.48s	0.48s
Maximum travel	J1	±142°	±142°	±142°
	J2	±160°	±160°	±160°
	J3	400mm	400mm	400mm
	J4	±360°	±360°	±360°
Maximum speed	J1~J2	9000mm/s	10500mm/s	10500mm/s
	J3	1100mm/s	1100mm/s	1100mm/s
	J4	2600°/s	2600°/s	2600°/s
J4 Allowable omfimerti	Rated load	0.02kg.m ²	0.02kg.m ²	0.02kg.m ²
	Maximum load	0.25kg.m ²	0.25kg.m ²	0.25kg.m ²
Repeated positioning accuracy	J1~J2	±0.025mm	±0.025mm	±0.025mm
	J3	±0.01mm	±0.01mm	±0.01mm
	J4	±0.01°	±0.01°	±0.01°
Robot body weight		36kg	37kg	38kg
Installation mode		Countertop mounting	Countertop/wall mounting	Countertop mounting
Body interface	Reserved IO	15Pin		
	Reserved gas	2*φ6mm, 2*φ8mm,pressure resistance:0.59Mpa		
Installation environment	Ambient temperature	0~40°C		
	Relative humidity	20%~80%RH(no condensation)		
	Vibration	Under0.5G		
	Others	Robot installation must be away from:flammable or corrosive liquids or gases, electrical sources of interference.		
Application		Handling,sorting,loading andunloading,palletizing,soldering,dispense glueing,pad printing		

Matching electrical cabinet

G12