

A blue and black industrial robotic arm, specifically a CROBOTP model, is shown against a white background. The arm is articulated, with a base, a shoulder joint, and an elbow joint. The upper arm section is blue with 'CROBOTP' written in white. The end effector is a black gripper. The base is black and mounted on a white surface.

- Arm span 2.6 meters, high rigidity, strong load capacity, more stable operation.
- Adopt a hollow arm structure and built-in wrist cable, without considering the interference caused by the external winding mode with the neighboring robot or peripheral equipment.
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- The robot body adopts highly flexible special cable.
- Built-in three-phase filter can effectively improve the performance of EMC and EMI.
- The body provides ID12 dual-loop gas pipes and ID19.5 dual-loop water pipes to meet welding and transportation requirements.
- Using high-speed, high-overload capacity servo motor, high-precision RV reducer and the latest anti-vibration control strategy, shorten the pitch operation time, optimize the gun shaft operation sequence of the servo welding torch, and significantly shorten the cycle time.
- The installation area of the whole machine is small, which can achieve high density installation and wiring, and multiple units work together.
- Simple structure, friendly operation interface, easy maintenance, easy to operate.

Model		CRP-RH26-165		CRP-RH26-185		CRP-RH26-210	
Arm form		Vertical multiple joints					
Degree of freedom		6 axis					
Maximum payload		165kg		185kg		210kg	
Maximum travel	Axis 1	-180°~180°					
	Axis 2	14°~154°					
	Axis 3	-74°~100°					
	Axis 4	-200°~200°					
	Axis 5	-125°~125°					
	Axis 6	-360°~360°					
Maximum speed	Axis 1	130°/S		120°/S		120°/S	
	Axis 2	110°/S		100°/S		90°/S	
	Axis 3	130°/S		115°/S		100°/S	
	Axis 4	175°/S		150°/S		140°/S	
	Axis 5	170°/S		150°/S		130°/S	
	Axis 6	280°/S		240°/S		220°/S	
Allowable torque	Axis 4	960N.m		1160N.m		1370N.m	
	Axis 5	960N.m		1160N.m		1370N.m	
	Axis 6	500N.m		550N.m		613N.m	
Allowable moment of inertia	Axis 4	100kg.m ²		150kg.m ²		200kg.m ²	
	Axis 5	100kg.m ²		150kg.m ²		200kg.m ²	
	Axis 6	50kg.m ²		105kg.m ²		160kg.m ²	
Repeated positioning accuracy		±0.06mm					
Maximum reaching distance		2606mm					
Robot body weight		1270kg					
Installation mode		Ground					
Noise level		<80dB(A)*					
Installation environment	ambient temperature	0~45℃					
	relative humidity	38~85%(No condensation)					
	vibration	Under 0.5 G					
	Others	Robot installation must be away from: flammable or corrosive liquids or gases, electrical sources of interference					
Electric Cabinet Configuration		G7					
IP level		Body IP54 , wrist IP67					
Advantage features		Compact structure, high speed, high precision, high expansibility and easy operation					
Application		handling, spot welding, Cutting, assembly, marking, grinding					

Technical drawings of the pump base and flange. The top drawing is a side view of the pump base (255) showing dimensions: 532 (total height), 356 (base height), 400 (flange height), 436 (flange thickness), and 456 (flange outer diameter). It also shows 12 mounting holes (12-M10H7) and 4-M24 EQS holes. The bottom drawing is a top view of the flange (343) showing dimensions: 160 (flange outer diameter), 110 (flange inner diameter), 100 (flange thickness), 125 (flange outer diameter), and 12-M10H7 EQS holes. It also shows 2-M10H7 holes and 2-M8H7 holes.

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(1) The robot is firmly fixed on a flat ground;
(2) Test at 37000mm away from the center of rotation of joint JT1
(noise level changes according to the conditions, background noise has a certain impact)