

CRP-RP24-130

INDUSTRIAL ROBOT HANDLING APPLICATION



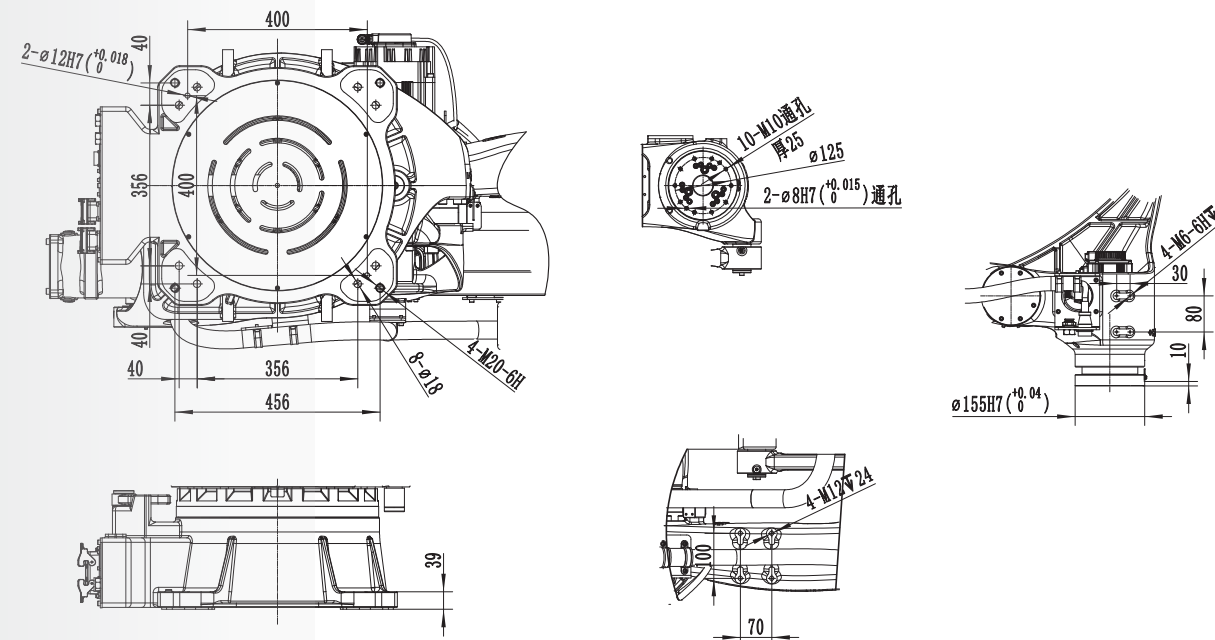
FUNCTIONAL FEATURES

- With gravity compensation, load adaptive, and S-T functions, the robot has higher precision, smaller impact, shorter cycle time under typical working condition ;
- With parallel spring cylinder, smaller floor area, lower power consumption, smoother control;
- Two-way large-aperture air pipe to meet the requirements of large-load vacuum suction cups.
- Armspan (Maximum reaching distance) :2400 mm
- Load:130 Kg

ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RP24-130
Arm form		Multi-joint + connecting rod
Degree of freedom		4 axis
Maximum payload		130KG
Repeated positioning accuracy		±0.2mm
Maximum reaching distance		2485mm
Robot body weight		820KG
Installation mode		Ground, bracket
Maximum travel	axis 1	-175°-175°
	axis 2	3°-129°
	axis 3	85°-210°
	axis 4	-360°-360°
Maximum speed	axis 1	154°/S
	axis 2	166°/S
	axis 3	104°/S
	axis 4	271°/S
Allowable torque	axis 4	125N.m
Allowable moment of inertia	axis 4	13kg.m ²
Installation environment	ambient temperature	0-45°C
	relative humidity	20-80% (No condensation)
	vibration	Under 0.5 G
	Others	Robot installation must be away from: flammable or corrosive liquids or gases, electrical sources of interference
IP level	IP54	
Features	Compact structure and high joint speed	
Application	Handling, palletizing, depalletizing, cutting, grinding	
Electric Cabinet Configuration	C7	

INSTALLATION INTERFACE DIAGRAM



MOTION RANGE DIAGRAM

