

CRP-RP24-130

INDUSTRIAL ROBOT
HANDLING
APPLICATION



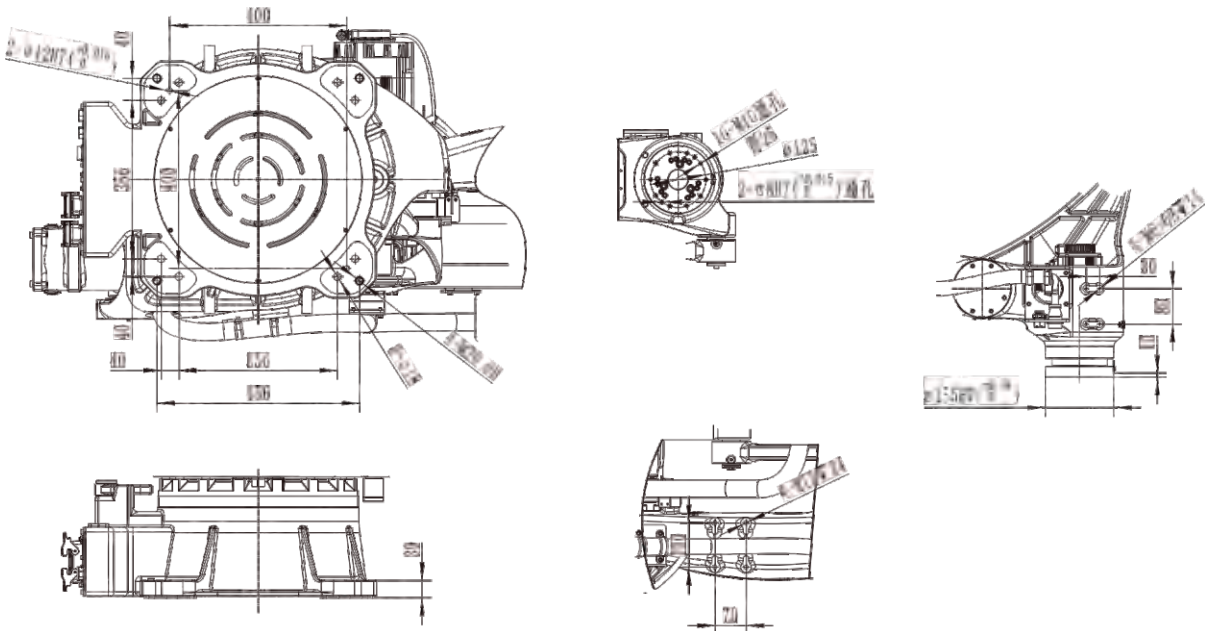
ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RP24-130
Arm form		Multi joints+connecting rod
Degree of freedom		4 axis
Maximum payload		130kg
Maximum coverage		2485mm
Maximum travel	Axis 1	-175°~175°
	Axis 2	-87°~39°
	Axis 3	-71°~105°
	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
Repeated positioning accuracy		±0.2mm
Robot body weight		820kg
Installation mode		Formal mounting
Body interface	Reserved IO	26Pin
	Reserved gas	2*φ12mm
Installation environment	Ambient temperature	0~45°C
	Relative humidity	20%~80%RH(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		Body IP54,wrist IP67
Advantage features		Compact structure, high speed, high precision,high rigidity, high life,high expansibility and easy operation
Application		Handling,palletizing,depalletizing, loading and unloading
Matching electrical cabinet		G15A

FUNCTIONAL FEATURES

- Equipped with safety emergency stop board which is independent of the control system, and the safety relay circuit is adopted to provide double-circuit emergency stop to ensure the reliability of emergency stop.
- The main cable adopts a flexible robot specific cable.
- Equipped with a three-phase filter, effectively improving EMC and EMI performance.
- Equipped with gravity compensation, load adaptation, and S-T function, the whole machine has higher accuracy ,smaller impact, and faster typical working cycle .
- Adopting parallel spring cylinders ,it occupies a smaller area, consumes less power ,and has smoother control.
- Dual channel large-diameter trachea ,meeting the requirements of high load vacuum suction cups.

INSTALLATION INTERFACE DIAGRAM



MOTION RANGE DIAGRAM

