

nFA-RP24-130

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



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	G15A	

