



D.i.y. Pneumatic Robot Arm Pick & Place System

Category: Mechatronics · Model reference: MZM-2007



SPECIFICATIONS

Description:

5 axes robot arm operated by linear slide and plate fixed type cylinder. The cylinders used are equipped with guide rods to provide more precise and stable arm movement. The movement is from left to right and vise-versa to pick up three different object. It can be rotate up to 180° controlling by a miniature rotary vane actuator. The alignment can be adjusted from the sectional base and impact absorption. The tools are designed to be easily assemble and dismantle.

TECHNICAL SPECIFICATIONS

Operating Voltage	: 240V AC, 50 Hz
Operating Compressed Air	: 0 ~ 7 bar
Robot Table (Dimension)	: 510mm (Length) x 360mm (Width) x 410 (Height)
Warranty	: 1 years warranty on manufacturer's fault

OPTIONAL

The controller box includes few sections:-

- 1st section (power supply) supplies the unit with 24 VDC
- 2nd section (switch) consists of five switches to tender the actuator switches operation
- 3rd section (solenoid) controls the directional valves to command the actuator
- 4th section (PLC) controlling each axes

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