

ABSTRACT

PICK AND PLACE ROBOT

The pick and place robot is one of the technologies in manufacturing industry and designed to perform pick and place functions. The system is very important to eliminate human errors and to get more precise work. It can also save the cost in long term and help to solve problems and tasks that cannot be done such as on high temperature area, narrow area and very heavy load thing. This project is a basic development and modification for that type of robot where it use the peripheral interface Programmable Logic Control (PLC) as the robot brain to control all of the robot movement. The rotation of this robot is 360 degree (clockwise) and -360 degree (counter clockwise). The arm will move horizontally to pick up and hold the object from base A and places it to base B. This robot is used to pick and place the object only in their specifications (between 10g and 50g). The benefit is the robot is that the construction cost is very low.



SHIELD TECHNOLOGIES
Leading Innovation

CONTACT FOR FULL SYNOPSIS  +91 7892151234

#2232, 16TH B CROSS, SECTOR B, YELAHANKA NEW TOWN, BANGALORE-560064
Ph: +91 7892151234