



Production Line Control System

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Production Line Control System

- 1- Sensor: Ultrasonic Sensor (used to measure the height from the box to the sensor).
- 2- Controller: Arduino Uno (to control the sensor and the motor at once).
- 3-Motor: Servo Motor (based on the sensor reading the motor will change its angle).

The system designed to measure the height from the sensor to the box and based on the reading the motor will start working if the box's size was 30cm^3 the motor will move it to the right else if the box's size was 20cm^3 the motor will move the box forward but if the box's size was 10cm^2 the motor will move it to the left.

The sensor will be placed on the top of the machine as shown in figure(1). Allowing the controller to read and control the movement of the motor.



Figure(1): How the sensor is placed in the production line.