Production Line
Sorted by the length

- Two Ultrasonic sensors were used.

- Arduino Uno was used as a controller to control the system.

- Servo motor was used to make the movement.

- To determine the length of the box by the two Ultrasonic sensors this equation was used: Length = 336 – Distance1 – Distance2

- An approximate drawing of how the production line moves is presented below:

336 cm

Sensor 1 ←— Distance 1 —→ Length ←— Distance 2 —→ Sensor 2

20 cm^3 (180 degree) right ←— Motor —→ 10 cm^3 (0 degree) left

30 cm^3 (90 degree) forward