

Explanation

Lifts the stacked workpiece (liquid packaging board before its folding) using the Elecylinder to a certain height.

The sensor detects the top workpiece, stopping it from lifting further. The workpiece on the top will be carried to the next process by the suction pad.

Conventionally, using an air cylinder often caused the workpiece lifted to an inappropriate position for its inability to move in steady speed, leading to a suction error.

Switching to the Elecylinder enabled the workpiece to be lifted in a steady speed.

This has resolved the issue on the suction error as this change enabled the workpiece to stop exactly on the desired position.