

# PUSH

Impact pneumatic rejection system



ORIENTING

INSPECTING

REJECTING

ANY KIND OF EMPTY OR FULL BOTTLES AND CONTAINERS

# PUSH : Reject system

## Description:

Hit containers passed through a conveyor leading to their diversion into a lane of "Defectives" using a mechanism consisting of a cylinder, a solenoid and a shovel for expulsion.

## Scope:

recommended for use in high-speed lines in containers that will not be recovered. The computer will function as: Reject:, when inspectors automatic detect any abnormalities in the packaging, this is deviated from the correct path and adjacent on another pathway.

## Processes :

The ejector is the blade element that is always ready grazing containers that pass while waiting for the order of performance. Upon receipt, hits the bottle, moving into another line.

## Construction:

The components selected allow to meet the requirements of high speed and low maintenance. The elements that form the rejection system (valve, cylinder, pressure and ejecting blade) are placed inside a stainless steel case is set on the conveyor. Outside the box there is the filter where the user can adjust the air pressure.

## Electronic equipment:

Electronic equipment consists of a liquid crystal display backlight 115x165mm, a keypad and ABS enclosure IP 76, 145x330x310 mm (at / an / d). Inside this building are located the electronic boards to control the computer. The equipment is governed by a microprocessor. The equipment is fully configurable and can be memorize for different container production.

## Security:

- Complies with all safety standards required in the industry
- The electronic equipment complies with low voltage test, has passed Electromagnetic Compatibility test and life quality test in harsh environments.
- All equipments have a minimum degree of protection IP65.

## Propriety:

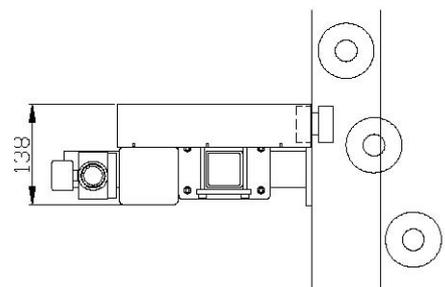
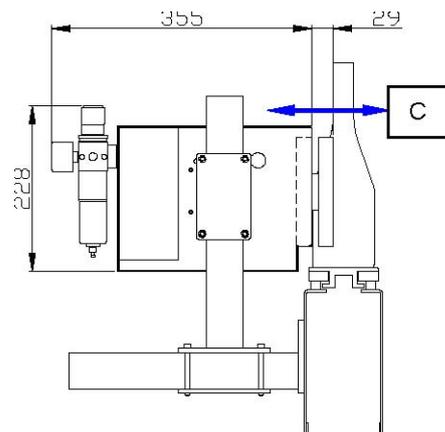
- It is installed on the conveyor without modifications.
- It occupies a small space, the head only 5cm.
- It adapts to different shapes and heights of containers.
- Can be connected via serial port to: computer, network distributed control, remote diagnostics, etc...

## Options :

- Parallel connexion for any selection or allocation.
- Any additional automation.

## Features:

- Dimensions: 200mm wide, 300mm deep, 700mm height above conveyor including the control rack.
- Weight maximum: 8kg/containers
- Production capacity: up to 100.000 bottles/hours



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