

TAPTONE

REJECTORS

Sorting, Distribution,
and Rejection
Systems Include:

- Large Container, Small Container and Case Systems
- Hard Reject and Soft Reject Systems



TELEDYNE TAPTONE
Package Inspection Systems
A Teledyne Technologies Company

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REJECTORS

CASE AND LARGE CONTAINER REJECTION SYSTEM

TapTone Case and Large Container Rejectors provide reliable rejection at speeds up to 150 containers per minute. Designed for tight production spaces, these systems are conveyor or floor mounted and withstand wash down. The adjustable stroke length, 0–8 in (0–20.3 cm), will accommodate full cases and large containers constructed of plastic, glass and metal.

Features

- Rejects Rigid Cases
- Rejects Large Glass, Plastic or Metal Containers
- Conveyor or Floor Stand Mounting
- Minimal Space Requirement Enables Adaptation to Almost Any Production Line
- Requires Only One 24 VDC Reject Signal
- No External Electrical Power Required

How It Works

When a reject signal is received a solenoid is actuated, allowing air to extend the ram, which pushes the faulty container or case off of the production line. The length of time the ram is extended is a function of the width of the reject signal. When the signal ceases, the ram and its cylinder return to their home or retracted position.



System Specifications

Performance	150 containers/minute maximum
Container Types	Plastic, metal, glass, and cardboard
Spacing	None required
Displacement	0–8 in (0–20.3 cm)
Electrical	24 VDC (provided from reject signal)
Air	40–80 psi (2.8 - 5.6 bar) Air Filter-Regulator Included Maximum line pressure 150 psi (11 bar)
Material	Stainless Steel, NEMA 4X, IP65
Mounting	Conveyor or floor mount stand
Stand Height	0–72 in (0–182.8 cm)
Weight	15 lb (6.8 kg) rejector only
Dimensions (LxWxH) ...	16 1/2 in x 5 1/8 in x 8 1/2 in (41.9 cm x 13 cm x 21.6 cm)

8 Inch Case Rejector - Floor Mount (conveyor mount not shown)

