



MALLARD
MANUFACTURING
YOUR GRAVITY FLOW SPECIALISTS

Pneumatic Pop-Up General Operation Guidelines

- With zero air supply, both sets of pop up cylinders remain in the up or fail / safe position.
- When the system is charged, the pop ups at the discharge end remain up and the pop ups in the holdback position are retracted, allowing the pallets to flow down the lane.
- When the push button is depressed, the discharge set of pop up cylinders is retracted and the holdback cylinders move into the up position; this operation releases the pallet in the #1 discharge position to the discharge location and holds back pallet #2 from the underside of that pallet.
- These holdback cylinders remain in the holdback position until the pneumatic timer bleeds down, at which time the cylinders change position again; when this occurs the #2 pallet moves into the #1 discharge position and the index transfer process starts all over again.



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