



## Morrison 1-to-2 Dividing Custom Drive Assembly

**INDUSTRY:** BEVERAGE    **OPERATING SPEED:** 600 CPM    **CONTAINER:** PLASTIC BOTTLE

### Customer Container Handling Challenge:

Our customer needed a fully robust system created for them to divide bottles on a conveyor from 1 to 2 equal lanes.

### Morrison Solution:

Our team at Morrison designed a custom timing screw drive assembly system that would feed full bottles in from a backlog before dividing the containers into two equal lanes. Ensuring the lanes were equal was high priority for the customer, so our engineers chose a two screw design so the containers could be stably divided even while moving at a high speed pace. They also installed a rail between the screws as another check that the bottles are being divided equally.

To ensure a constant backlog of bottles are being fed into the system, Morrison mounted this entirely new system to an existing conveyor the customer already owned, keeping the system as cost effective as possible.

**Construction:** Stainless Steel, Polyethylene



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