



Morrison Metering Custom Drive Assembly

INDUSTRY: DAIRY

OPERATING SPEED: 220 CPM

CONTAINER: ICE CREAM PINT

Customer Container Handling Challenge:

Our customer needed to upgrade their existing machine to be able to run a new container shape on that line.

Morrison Solution:

Our engineers designed a new timing screw and metering system to upgrade a previous system they had designed for this company 2 years prior. The timing screw not only is designed specifically to fit the customers exact container, but it also includes an extended taper infeed which will allow for containers to be fed into the machine at a random speed. Pint containers can also be fed into the machine both right side up and upside down.

The entire system transfers the pint container into the timing screw at a random pace, transitions the container across the deadplate, and ensures containers are discharged with equal spacing between containers.

Ice cream, due to its nature and soft container, can be difficult to handle, but with Morrison screws, we positively and gently control the container, maintaining its integrity.

Construction: Stainless Steel



**INNOVATIVE
CONTAINER HANDLING
EXPERT DESIGN
SUPPORT BUILT IN®**

