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Omega Sorter Lid Upgrade

Original Lid Design

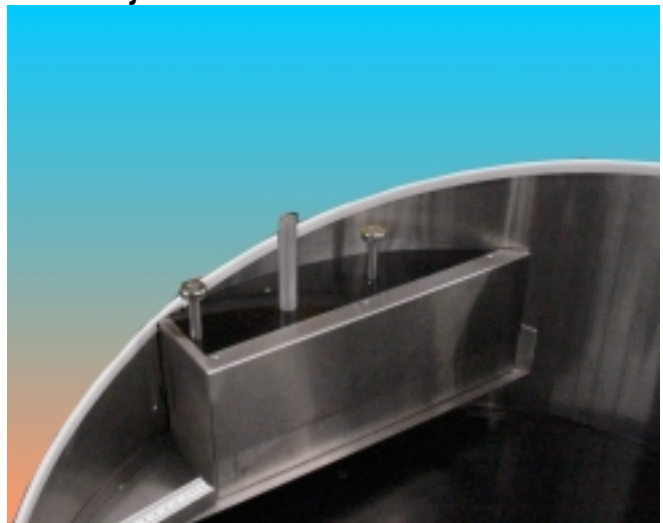


New Lid Design with scaled adjustment

Adjustable Sorter Lid



Adjustable Sorter Lid Inside



Omega Disc Sorter Upgrade

Adjustable Sorter Lid

Background: The sorter lid requires adjustment when changing from one size/shape container to another. Depending on the age of the machine, the originally designed lid required adjustments via thumb knobs.

To adjust and while standing on the ladder, the operator would loosen the fasteners enabling the lid to move upward or downward within the machined slots on the disc sorter. The container intended to be run would be placed under the lid, the lid would be lowered onto the container and then slightly raised above the container for clearance reasons. During this adjustment it was also important to keep the lid parallel to the container pathway.

The new design lid is adjusted via a numerically calibrated hand wheel. Numerical settings would be established and documented for each container size/shape that is run.

Benefits: Ergonomic design reduces changeover time, repetitive adjustments as well as promoting operator safety.

The estimated installation time at the customer facility is 4 hours.

The customer or an Omega Design Service Technician can install the upgrade.