

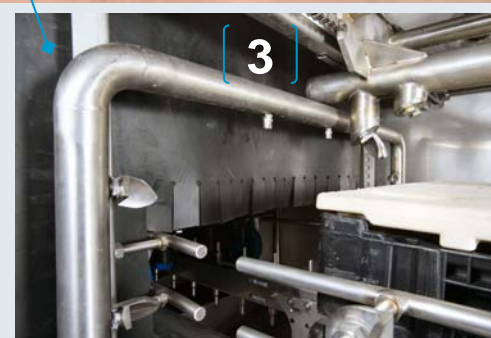
## The Challenge

Dollies are widely used within the food distribution supply chain to carry containers within distribution centres and supermarkets. The importance of hygiene at all stages in the supply chain and customer perception has led to more focus on maintaining dollies in a clean condition.

Traditionally dollies have been cleaned manually using high pressure water. In order to achieve a consistently high standard of washing, improve the productivity and reduce costs brüel has developed a fully automatic washing machine with integral dolly stacking after de-stacking.

## The Solution

Brüel provides turn-key solutions including design, manufacture, delivery, installation, commissioning, training and service support during the warranty period and beyond.



## Step by step...

**Step 1:** Operator loads a stack of dollies (up to 7 high) into the de-stacker. The dollies are de-stacked from above and fed into the washer short-side leading and bottom-down

**Step 2:** Moveable high pressure (38 bar) cleaning portal which will remove any labels on the two short sides and thoroughly clean the top of the dolly.

**Step 3:** High pressure wash portals thoroughly clean and remove any labels from the two long-sides. A final fresh water rinse thoroughly drenches the dolly removing all dirty water/detergent.

**Step 4:** Blow off section to remove excess water.

**Step 5:** The two spinning wheels on the front of the dolly are automatically aligned in a forward facing direction in the correct orientation for re-stacking.

**Step 6:** The clean dolly exits the washer and is automatically stacked ready for operator removal.

### Additional features and benefits:

- Capacity 280 dollies/hr (normal soiling); 350 dollies/hr (light soiling)
- Screw-filtration system for the automatic removal of debris (e.g. label residue) out of the washer
- Ambient cold water wash with detergent – no external heat required. The high pressure system and detergent ensures thorough cleaning.