

Application story



Cleaning and handling small paper particles

Location	Netherlands	Hydra-Cell model	G25XKBGFHEHH
Type of application	Cleaning	Flow rate	52 lpm (13.7 US gal/min)
Liquid	Water and Detergent	Pressure	15 bar (218 psi)
Application details	A major meat processor and packer that was founded in 1953 processes one million kilos of meat per day. Meat is largely delivered by the company's own transport fleet, packed in returnable plastic containers, each with self-adhesive labels to specify content, origin and destination. When the boxes are returned, they are cleaned thoroughly and the self-adhesive identification labels need to be removed completely during the process. This process results in paper particles finding their way past the filtration system as the cleaning solution is re-circulated. These particles cause blockages in the impellers of centrifugal pumps whereas Hydra-Cell is able to handle these small particles with ease.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell pumps with their seal-less design ensures reliable handling of liquids with particles. Only minimal maintenance is required, and with a long service life ensures very little downtime, this helps the customer deliver meat to supermarkets within 24 hours.		

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