

Multihead weighing of sticky products

PATENT PENDING

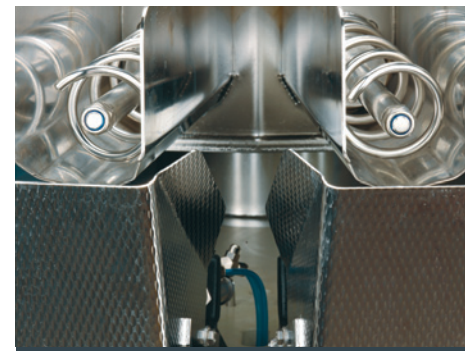
CABINPLANT LETTER

Cabinplant has developed the screw feeding multihead weigher, an innovation capable of handling sticky products, e.g. poultry. Compared to traditional equipment it has higher weighing accuracy and reduces giveaway to below 0.5%. Besides requiring only a third of the floor space, it also provides labour savings up to 80%.

The trend towards packing poultry to fixed weight is increasing. Supermarket chains are focusing on reduced waste and optimized inventory control, and fixed weight trays contribute considerably to this. As a result,

the poultry processing industry needs to look for ways to reduce giveaway, cut costs and increase efficiency in order to stay competitive.

With the new screw feeding multihead weigher the benefits of multihead weighing are now open to the poultry industry. One of the companies, which has benefited from this, is Rose Poultry. Rose Poultry is located in Denmark and is one of the world's most advanced poultry abattoirs. They process a total of 300,000 chickens every day, which makes giveaway a key issue.



Application

Sticky or wet products, e.g. fresh poultry, meat, fish and seafood

Capacity

- 20 to 250 portions per minute
- 1 to 5 litres per portion

Advantages

- Giveaway less than 0.5%
- Labour savings up to 80%
- Floor space requirements 30% – compared to traditional equipment

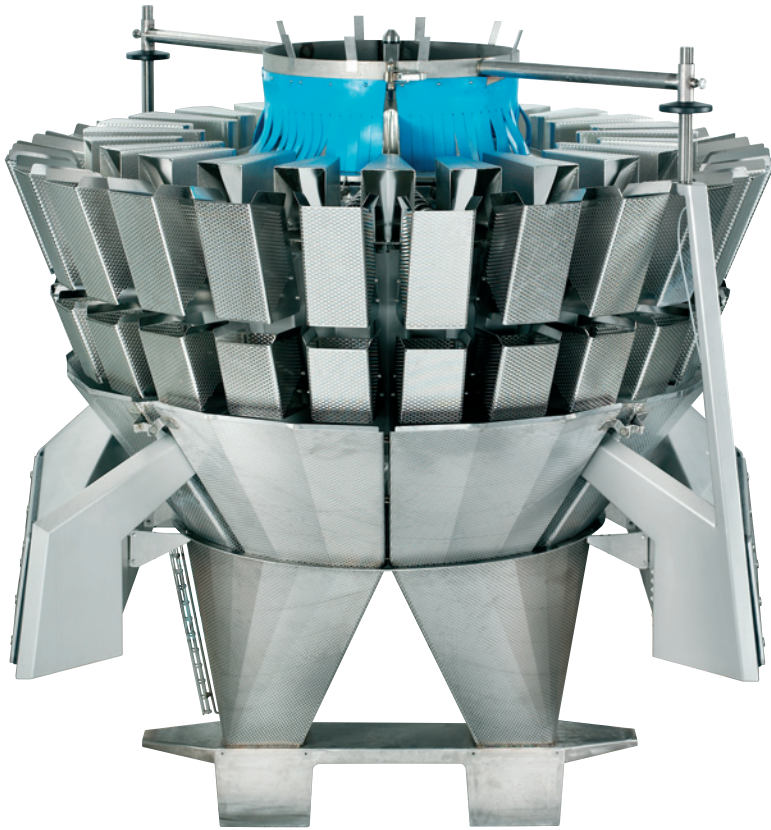
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“With the screw feeding multihead weigher we can achieve an accuracy, which far exceeds that of traditional grading systems” says Thomas Loeth, Logistics Director at Rose Poultry. “Instead of in-motion weighing, the screw feeding multihead weigher operates with static weighings. It also provides as many as 1000 product combinations to reach a required weight, and easily reduces giveaway to below 0.5%. The standard deviation from the fixed weight is also minimal, which results in fewer batches below fixed weight to the benefit of our customers, the consumers”.

The need for labour is also reduced considerably. The multihead weigher line is fully automatic except for a final orientation of the chicken pieces in the trays. “At the

same time the total capacity is higher than with traditional equipment” continues Thomas Loeth. “This means that it is possible to reduce labour by up to 80 per cent, a cost saving that is certainly more than welcome. And as the screw feeding multihead weigher is extremely compact, it will even free up valuable floor space.”

The screw feeding multihead weigher is the only solution for poultry weighing and packaging that can reduce giveaway and labour to such low levels. In fact, it is so unique that a patent has been applied for.

Besides poultry, the screw feeding multihead weigher can also be used for fresh pork and beef, fresh fish fillets and fresh seafood products.



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