

Marel Multihead Weigher

High-speed automatic weighing and packing



Highlights

- Reduce your giveaway with more accurate packing
- Specially designed to comply with hygiene requirements in the wet food industry
- Highly automated and easy to operate



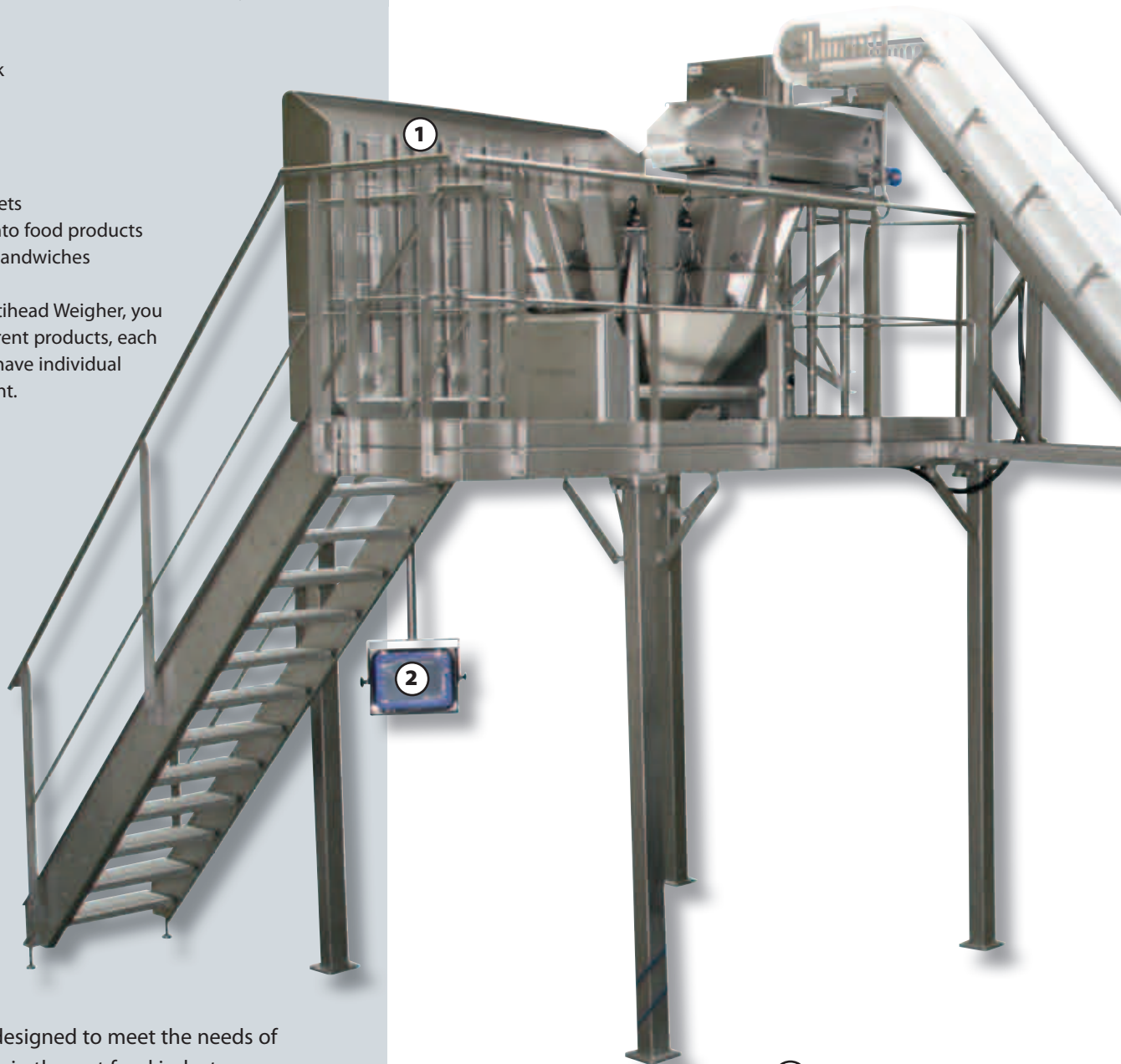
The best solution for weighing and packing

The heart of the packing line

The Marel Multihead Weigher deals with all your infeed, mixing and weighing requirements, and then portions and packs your food products into virtually any kind of

- tray
- thermo pack
- bag
- can
- glass
- box
- plastic buckets
- and even onto food products like pies or sandwiches

With the Multihead Weigher, you can mix different products, each product can have individual portion weight.



Benefits

- Specially designed to meet the needs of companies in the wet food industry
- Easy-to-operate user interface on high-quality colour touch screen
- Easy cleaning and excellent hygiene, with a uniquely sturdy structure made entirely of stainless steel
- Built to last and to be reliable in operation, backed by a global service organisation



wet food



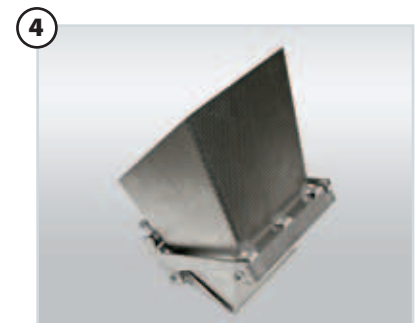
1. Easy dismantling and cleaning

- All machinery is smooth and easy to clean, with no horizontal surfaces where dirt or debris can accumulate
- Easy removal and re-attachment of discharge chute elements and discharge cone



3. Can be dismantled without needing tools, making it easy to clean the product zone, and keep it that way

- Quick-release radial feeder troughs that are fully interchangeable
- Interchangeable hoppers that are easy to lift off
- Discharge chute modules that are easy to lift off



4. Superior hopper design

- Storage and weighing hoppers have large-radius corners, with no fittings underneath. This helps prevent any accumulation of bacteria
- Hoppers are available in several sizes and specialized designs.



2. Easy-to-use interface

- Large 12-inch colour touch screen that makes the system easy to use and helps avoid any operator mistakes
- Internet compatible
- User interface can also provide comprehensive statistical data

Automatic Feeder Adjustment (AFA) technology

- AFA features vibrating feeders that automatically adjust themselves, ensuring low maintenance costs
- Vibrating feeders always operate at full capacity giving great processing accuracy



Please go to www.marel.com to read the technical details about the range of multihead weighers. You can also see videos of the efficient Marel Multihead Weigher solutions.

5



5. Weighing and actuator modules

- Self-contained
- Fully interchangeable

Long-life load cell design

- All-stainless steel construction
- Hermetically sealed to eliminate effects of moisture and humid air
- Weighing hopper load cells with special overload protection, even against twisting and shock impacts
- Extended warranty



7. Versatile, easy-to-clean design

- Storage and weighing hoppers have large radius corners and are without fittings beneath where bacteria can lodge



6. Sealed control cabinets

- The control cabinets containing all electrical equipment, electronics and controls are sealed with gaskets to prevent liquids or moisture getting in
- Control cabinets are made entirely of high-durability stainless steel
- There is space inside the cabinets for additional controls for external equipment

How does the Marel Multihead Weigher work?

The Marel Multihead Weigher takes a steady flow of products that are fed to the storage hoppers in part portions by the vibrators. These part portions are released into the weighing hoppers, and are then combined to make up the preset final portion weight, with extremely high accuracy.



1 Diced ham ready for portioning and packing.



2 Infeed to the Multihead Weigher.



3 The diced ham is dispensed into the hoppers by vibrating feeders and weighed into exact portions.



4 The finished thermo packs filled with diced ham are ready for final packing.



5 The packs pass through a M-Check RF5 checkweigher, which also checks each pack for the presence of any metal. Any packs that deviate from the target weight, or where any metal is detected, are automatically rejected.



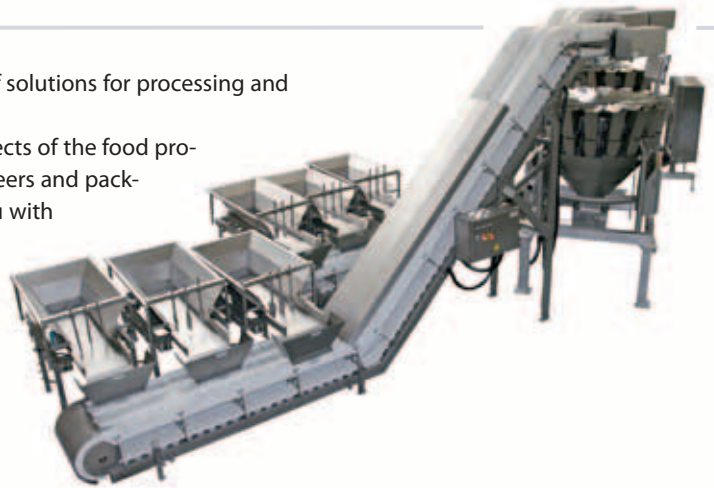
6 Packed diced ham. Ready for sale.



Solution provider

Marel Food Systems provides a comprehensive range of solutions for processing and packaging food products.

We have a thorough, in-depth understanding of all aspects of the food processing industry. Our team of multihead weigher engineers and packing and processing specialists enables us to provide you with well-proven solutions that increase your profitability.



Global service

We provide installation, extended warranty and preventive maintenance, ensuring maximum uptime and packing accuracy at all times.

A partnership with Marel Food Systems ensures you uninterrupted production flows, the right people and equipment at the right place at the right time, protection for your system and peace of mind for your customers.

We have more than 300 trained and certified field service engineers, directly employed in over 30 countries across six continents.

Arrange a demonstration

Call us today for a demonstration using your own payback analysis – or if you would just like more information about how you can benefit from our multihead weighing know-how.



Marel Food Systems

The world's leading manufacturer of high-tech equipment for the food processing industry

We are innovative in everything we do and we provide outstanding new solutions and services to the food processing industry in order to create greater value for all our stakeholders.

For further information please visit

www.marel.com

RETURN ON INNOVATION

