

Multihead Weigher for Crisps

0-Head Multihead Weigher with 0.5L to 2.5L Dimple Buckets

Key Features:

- **Durable Construction:** Made from high-quality 316 Stainless Steel for long-lasting performance in demanding environments.
- **Precision Engineering:** Equipped with **Siemens PLC** and **Siemens HMI** for seamless control and monitoring.
- **Premium Components:** Featuring **Schneider**, **Danfoss**, and **Airtac** components, ensuring reliability and superior performance.
- **Advanced Weighing Technology:** Utilizes **HBM Load Cells** for precise and accurate weight measurements.
- **Waterproof Design:** Rated **IP65** for enhanced protection against dust and water ingress, ensuring durability in various conditions.

Product Specifications:

- **Multihead Weighing System:** Designed to weigh a wide range of products, from 5g to 2.5kg, with hopper volumes ranging from 0.5L to 2.5L.
- **Efficient Weighing:** Replaces traditional linear weighers by distributing products into multiple pool hoppers, calculating the correct weight, and releasing the product from the buckets.
- **User-Friendly Control:** Features a **7/10-inch Colour Touch Screen** for intuitive operation and easy monitoring.
- **High-Speed Packing:** Optimized for fast packing speeds, offering quick and accurate product portions.
- **99 Preset Programs:** Allows for easy program selection for a variety of product types.
- **Cleaning Function:** Opens hoppers for easy cleaning and maintenance, improving operational efficiency.
- **Versatile Applications:** Ideal for weighing, portioning, and packing fresh and frozen products such as **chicken nuggets, burgers, chips, sausages, seafood, nuts**, and more.

Applications: Our Multihead Weighers are ideal for the food industry, capable of accurately weighing products in sectors including:

- Salad leaves
- Poultry
- Meat
- Fish products
- Dry goods
- Vegetables
- Pet food
- Confectionery

and more.

Hopper Specifications:

- **0.5L Hopper:** Weighing range of 5-200g, dimensions: 1370mm x 1060mm x 1205mm, weight: 290kg.
- **0.8L Hopper:** Weighing range of 5-200g, dimensions: 1370mm x 1060mm x 1205mm, weight: 290kg.
- **1.6L Hopper:** Weighing range of 10-1000g, dimensions: 1140mm x 1100mm x 1857mm, weight: 350kg.
- **2.5L Hopper:** Weighing range of 10-2500g, dimensions: 1100mm x 1140mm x 1857mm, weight: 380kg.

How the Multihead Weigher Works:

The Multihead Weigher efficiently distributes bulk product into smaller increments according to pre-programmed weights. It operates as follows:

1. Bulk product is fed through an infeed funnel, typically via an incline conveyor or bucket elevator.
2. The product is then dispersed into multiple pool hoppers.
3. The weigher's advanced software calculates the precise weight of the product in each hopper.



4. The system selects the combination of hoppers that yields the closest match to the target weight, such as 100g.
5. The product is released from the selected hoppers and falls into the packing system, such as a bagmaker or distribution system.

Benefits of the Multihead Weigher:

- **High Accuracy:** Offers precise weight measurements for accurate packing.
- **Speed and Efficiency:** Significantly increases packing speed compared to traditional methods.
- **Versatility:** Suitable for a wide variety of products, including fresh, frozen, sticky, granules, powders, fragile items, and complex mixtures.
- **Mix-Weighing Capability:** Capable of weighing up to eight different components in a single pack, ideal for products like breakfast cereals or ready meals.

Additional Applications:

- **Filling Bags:** From large catering packs to small snack bags, the Multihead Weigher ensures high-speed, accurate filling.
- **Filling Trays:** Efficiently fills trays with precise, splash-free delivery.
- **Sticky Products:** Capable of handling challenging products such as fresh meat, fish, poultry, and cheese with minimal wastage.
- **Granules & Powders:** Accurately weighs granules like coffee or loose tea.
- **Fragile Products:** Handles delicate items like handmade chocolates and gourmet biscuits with care.

For Further Information:

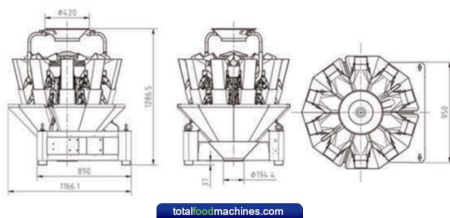
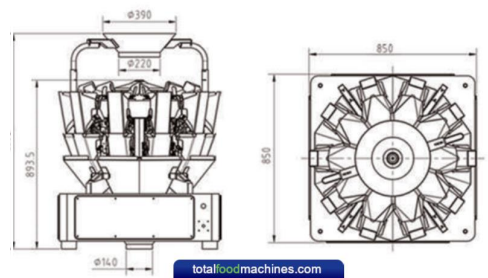
To learn more about our Multihead Weighers and how they can enhance your packing process, please contact **Total Food Machines** at 02890 994 202 or via email at sales@totalfoodmachines.com.

Direct Web Link

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