

Fresh Food Multihead Weigher

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Our advanced Multihead Weigher systems are designed to deliver precision, efficiency, and versatility for the weighing, portioning, and packaging of both food and non-food products. Featuring a range of hopper volumes from 0.5L to 5L, these weighers are suitable for a wide array of applications, including fresh and frozen food products such as chicken nuggets, burgers, sausages, seafood, and more.

Key Features:

- **Multiple Hopper Volumes:** Available in 0.5L, 0.8L, 1.6L, 2.5L, and 5L configurations for diverse product needs.
- **High-Quality Construction:** Built with durable 316 stainless steel for long-lasting performance.
- **Siemens PLC Control:** Reliable and efficient control for accurate operations.
- **Premium Components:** Featuring Schneider, Danfoss, and Airtac components for exceptional reliability.
- **User-Friendly Interface:** Equipped with a 10-inch touch screen control panel for easy operation.
- **Versatile Applications:** Perfect for weighing, portioning, and packaging fresh and frozen products, such as meat, fish, poultry, vegetables, confectionery, pet food, and more.

Efficiency & Accuracy:

The Multihead Weigher utilizes advanced technology to accurately weigh bulk products into smaller, predetermined portions. Product is fed into the weigher via an infeed funnel, where it is distributed into the pool hoppers. The system then calculates the exact weight and releases the correct portion from the buckets, ensuring consistent and precise packaging.

Hopper Specifications:

- **0.5L Hopper:** Weighing Range: 5-200g Weight: 310kg Dimensions: 1370mm x 1060mm x 1205mm
- **0.8L Hopper:** Weighing Range: 10-200g Weight: 310kg Dimensions: 1370mm x 1060mm x 1205mm
- **1.6L Hopper:** Weighing Range: 10-1500g Weight: 420kg Dimensions: 1140mm x 1100mm x 1857mm
- **2.5L Hopper:** Weighing Range: 10-1500g Weight: 450kg Dimensions: 1140mm x 1100mm x 1857mm
- **5L Hopper:** Weighing Range: 100-3000g Weight: 750kg Dimensions: 1530mm x 1530mm x 1677mm

The Principle of Operation:

Multihead weighers combine speed, accuracy, and reliability to provide optimal packing solutions. Bulk products are fed into the system, where the weigh hoppers calculate the exact weight of each portion. The system then selects the combination of hoppers that most closely matches the target weight and releases the product for packing, ensuring maximum speed and minimal waste.

Versatile Applications:

- **Filling Bags:** Whether for large catering packs or small snack bags, our Multihead Weigher offers exceptional speed and precision for a variety of packaging needs.
- **Mix-Weighing:** Capable of accurately weighing products with up to eight components, ensuring high efficiency and minimising overfilling of premium ingredients.
- **Filling Trays:** Our advanced distribution system ensures splash-free, precise delivery of products into trays.
- **Sticky, Fragile, and Complex Products:** The weigher is adaptable to handle a wide range of products, including sticky items, fragile goods, and even complex ready meals with multiple components.

Industry Applications:

- **Food Industry:** Salad leaves, poultry, meat, fish, dry goods, vegetables, sweets, confectionery, and more.
- **Non-Food Industry:** Pet food products, pharmaceuticals, and other non-food applications.

Contact Us:

For more information or to discuss your specific requirements, contact **Total Food Machines** at 02890 994 202 or email sales@totalfoodmachines.com. We're here to provide tailored solutions for your business needs.



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