

Multihead Weigher

Multihead Weigher with Various Heads and Dimple Bucket Capacities (0.5L to 2.5L)

Our 14-Head Multihead Weighers offer a range of hopper volumes including 0.5L, 0.8L, 1.6L, 2.5L, and 5L, making them ideal for a wide array of applications in the food and non-food industries.

Key Features:

- **High-Quality Construction:** Built with 316 stainless steel for durability and hygiene.
- **Precision Engineering:** Equipped with Siemens PLC and premium components from Schneider, Danfoss, and Airtac.
- **User-Friendly Interface:** 10-inch touch screen control panel for easy operation.
- **Versatile Application:** Perfect for weighing, portioning, and packaging products, both fresh and frozen, including items such as chicken nuggets, burgers, chips, sausages, seafood, and much more.

- **Accurate Weighting:** Delivers precise weights for packaging, eliminating the need for linear weighers.

Principle of Operation: The Multihead Weigher is designed to efficiently process bulk products into smaller, accurately measured portions. Products are fed into the inlet chute, where they are distributed into multiple pool hoppers. The weigher calculates the precise weight of the product, ensuring the exact weight is dispensed from the corresponding buckets.

Construction and Dimensions:

- **316 Stainless Steel Construction:** Ensures long-lasting performance and easy cleaning.
- **60° Discharge Chutes:** Optimized for efficient product flow.
- **Compact and Robust Design:** Ideal for high-throughput operations.

Applications: Our Multihead Weighers are widely used across various sectors in the food industry, including:

- **Fresh and Frozen Products:** Poultry, seafood, meat, sausages, chips, and more.
- **Dry Goods:** Snacks, sweets, confectionery, and pet food.
- **Vegetables and Fruit:** Salad leaves, tomatoes, and other produce.
- **Complex Products:** Can accurately mix and weigh multiple components, such as in ready meal production, ensuring precise quantities of rice, meat, and vegetables in separate compartments.

Hopper Specifications:

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

Advanced Features:

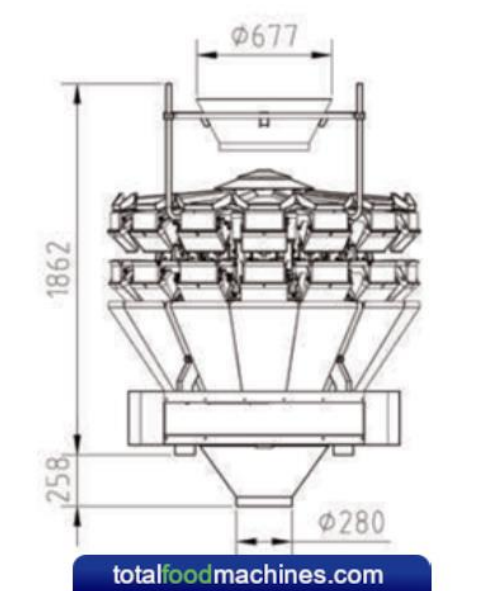
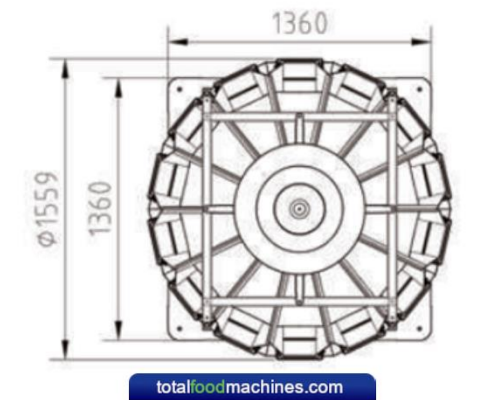
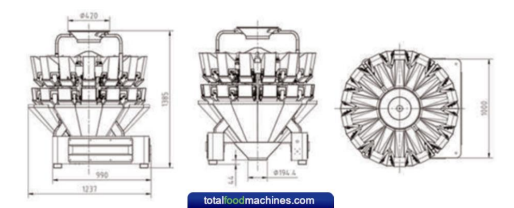
- **Mix-Weighing Capability:** Capable of mixing up to eight ingredients with high accuracy at high speeds.
- **Filling Bags and Trays:** Versatile for filling various types of packaging, from large catering packs to smaller retail bags.
- **Handling Fragile and Sticky Products:** Customizable to handle delicate items like handmade chocolates or sticky products such as poultry or fresh meat with specialized feeders.

Why Choose Our Multihead Weighers?

- **Speed and Efficiency:** Process large volumes of products quickly and accurately.
- **Flexible Applications:** Ideal for a wide range of products across different industries.
- **Increased Accuracy:** Advanced software calculates the optimal combination of hoppers for the most accurate weight.

For more information about our Multihead Weighers or to request a quote, please contact Total Food Machines at 02890 994 202 or email sales@totalfoodmachines.com.





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