

Multihead Weigher for Frozen Products

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Specifications:

- **14 Heads with 2.5-Litre Dimple Buckets**
- Constructed from high-quality **316 Stainless Steel**
- Powered by a **Siemens PLC**, with **Schneider**, **Danfoss**, and **Airtac** components for reliable performance
- **7-inch Touch Screen Interface**
- **Single Weigh Range:** 10-1200 Grams
- **Maximum Weight Capacity:** 6500 Grams
- **100 Preset Programs**
- **Maximum Speed:** 120 Bags per Minute
- **Machine Dimensions:** 1300mm x 1120mm x 1380mm
- **Single Phase Power Supply**

This state-of-the-art Multihead Weigher can be integrated with a **timing hopper**, providing greater precision for accurate weight measurement and ensuring reliable results. It is capable of efficiently weighing and packaging a wide variety of frozen and fresh products such as **chicken nuggets, chicken burgers, chips, sausages, seafood**, and much more. The machine can also be adapted for use with **Ready Meal Lines** or in conjunction with **VFFS (Vertical Form Fill Seal) Bag Sealers**.

Applications:

Our **Multihead Weigher** is versatile and suitable for a broad range of industries, including food sectors such as:

- **Poultry** (e.g., chicken, turkey)
- **Seafood** (e.g., fish, shellfish)
- **Snacks and Confectionery** (e.g., chips, nuts, sweets)
- **Frozen Foods** (e.g., nuggets, vegetables, fries)
- **Cereals and Dry Goods** (e.g., rice, pasta, flour)
- **Pet Food** and much more.

Beyond food, our multihead weighers are also effective for weighing non-food products like **screws, nails, coins**, and other small items.

Key Features:

- **Increased Throughput:** The **14-head** design offers enhanced productivity over the **10-head** model, making it ideal for contract packers and food manufacturers seeking higher volumes.
- **High-Speed Precision:** Achieve accurate, consistent weights for each pack, reaching up to **120 bags per minute**.
- **Mix-Weighing:** The weigher's precision can handle up to **eight components**, making it ideal for products with multiple ingredients, such as breakfast cereals or ready meals.
- **Filling Versatility:** Suitable for filling bags, trays, and even delicate products like handmade chocolates and gourmet biscuits, with custom systems for splash-free delivery.

Operational Principle:

A **Multihead Weigher** works by distributing bulk product into smaller increments based on pre-programmed weights. The product is fed into the system, which disperses it into **pool hoppers**, where each hopper drops the product into a **weigh hopper** as it empties. The computer system calculates the weight in each hopper and selects the optimal combination that meets the target weight, ensuring high-speed and accurate packing.

- **Gravity, Vibration, or Centrifugal Force** is used for dispersion.

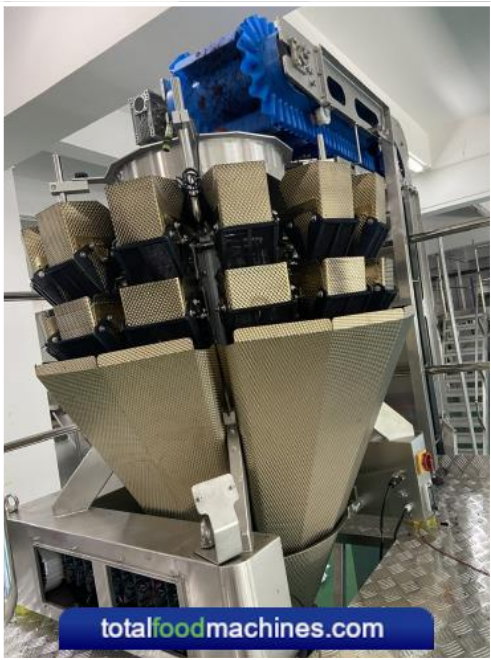
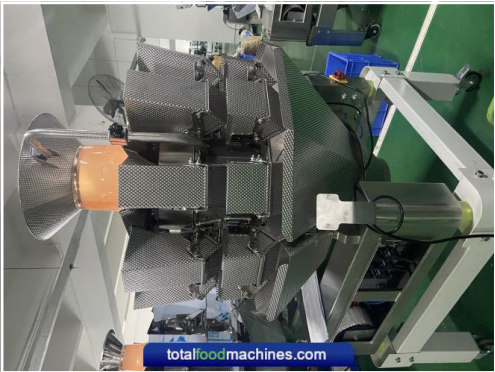
- **Vibration, Gravity, Belts, or Screw Systems** can drive feeding.

The machine is engineered for **high speed and efficiency**, making it perfect for industries that require rapid, accurate weighing for both food and non-food products.

For more information, or to discuss your specific requirements, please contact **Total Food Machines** at **02890 994 202** or email sales@totalfoodmachines.com.



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