VT Corp

MULTI HEAD WEIGHER
INTEGRATED WITH
VERTICAL FORM FILL SEAL (VFFS)

High-speed combination weighing designed to deliver accurate portions, minimise product give-away and keep packaging lines moving.



60+ years
OF PACKAGING & BAGGING EXPERTISE

PRODUCT OVERVIEW

The Multi Head Weigher uses intelligent combination weighing to deliver accurate product portions at high speed. Multiple weigh hoppers work together to identify the combination closest to the target weight, supporting consistent portioning and efficient product handling.

Designed for food and selected non-food applications, it integrates with VT Corp's VTC 300, 450, 600, 750 and 900 VFFS machines to create a coordinated weighing and packaging solution

KEY HIGHLIGHTS

Precision Weighing
Helps minimise overfilling and product give-away.

High-Speed Operation
Automated portioning for efficient production.

Product Versatility
Suitable for a range of granular, irregular and selected sticky products.

VFFS Integration
Compatible with VT Corp's VTC 300, 450, 600, 750 and 900 series.

Flexible Configuration
Can also integrate with rotary premade pouch machines and tray sealers.

ONE WEIGHER. THREE VFFS SERIES.

An integrated solution from accurate weighing to finished pouches.

Pair the VTC Multi Head Weigher with VT Corp's Vertical Form Fill Seal machines for coordinated weighing, filling and pouch sealing.



VFFS 300



VFFS 600



VFFS 900

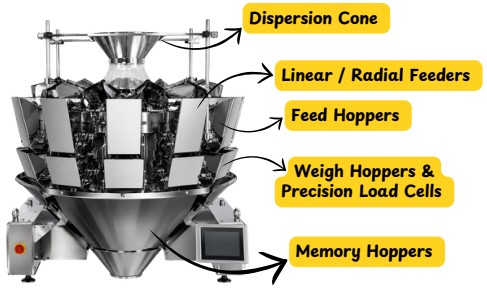
- **Packing Range:** 3 g-10 kg
- **Machine Speed:** Up to 100 pouches/min, depending on model and application
- **Pouch Formats:** Multiple formats, depending on the selected model
- **Packaging Materials:** Heat-sealable multilayer laminates and compatible sealable monofilms

Final output depends on product characteristics, target weight, packaging material and machine configuration.

HOW IT WORKS

1. **Product Loading**
   Product is elevated to the distribution system.
2. **Product Distribution**
   A central dispersion cone distributes product across radial feeders.
3. **Individual Weighing**
   Precision load cells measure product portions in individual weigh hoppers
4. **Combination Calculation**
   The processor selects the combination closest to the target weight.
5. **Controlled Discharge**
   The selected portions discharge into the connected packaging machine for filling and packaging.

KEY COMPONENTS



TECHNICAL SPECIFICATIONS

- **Equipment:** Multi Head Weigher
- **Operating Principle:** Combination weighing
- **Product Distribution:** Central dispersion cone with radial feeders
- **Weighing System:** Individual weigh hoppers with precision load cells
- **Combination Selection:** Processor-based
- **Memory Hoppers:** Available; configuration to be confirmed
- **Applications:** Food and selected non-food products
- **Packaging Integration:** VTC 300, 450, 600, 750 and 900 VFFS; rotary premade pouch machines and tray sealers, subject to configuration

APPLICATIONS

Multihead weighers can be configured for a variety of food and non-food products.



Snacks & Cereals
- Potato chips
- Nuts
- Breakfast cereals



Frozen Products
- Frozen vegetables
- Frozen meat portions



Confectionery
- Gummy candies
- Chocolates
- Tablets



Non-Food Products
- Hardware components
- Pet food
- Plastic components

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