

BELT WEIGHING SYSTEM COMBINATION WEIGHER

INDUSTRIES



READY TO EAT



CONVENIENCE FOOD



FISH



MEAT/POULTRY

MARCO's **semi-automated Belt Weighing System (BWS)** is a simple to use, 12 head combination weigher, designed to increase the output of manual processes with **high accuracy and minimal labour** input. The tool-less changeover design makes the BWS ideal for multi-ingredient environments with multiple changeovers.

The BWS features a user-friendly interface that makes product changeovers effortless, thanks to its intuitive HMI that streamlines product selection and switching. Whether handling Average Weight or Nett Minimum Weight portions, the system ensures unmatched accuracy with every pack, reducing waste and maximising yield. All batch data is securely stored locally, allowing for quick and easy access whenever you need it.

Optimised product handling at every stage with smooth transitions from in-feed conveyors to precision weigh belts, and finally to the collection conveyor. Each step is carefully managed to prevent product damage and ensure precise delivery. Our outfeed systems are customised to suit your unique application, product, and packaging needs, offering maximum flexibility and ensuring seamless integration with your packing requirements.

Featuring a modular design, the system can be easily dismantled without any tools, facilitating quick and hassle-free cleaning and maintenance. This minimises downtime and ensures your operation runs smoothly, all while upholding the highest hygiene standards.

The system can reach speeds of up to 30 packs per minute, operating efficiently with just one operator, allowing you to maximise productivity while reducing labour costs.

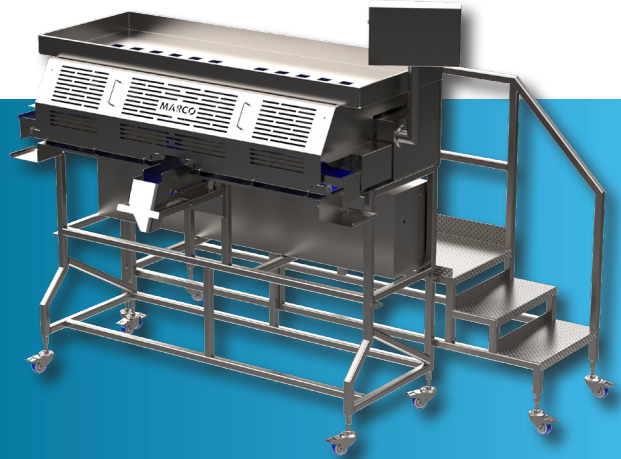
KEY FEATURES:

- High speed portion control
- Suitable for sanitary environments rated to IP-66
- Quick and easy cleaning no tools required
- 30ppm (product & weight dependant) with only 1 operator
- Easy to use HMI
- Compact mobile design
- Optional Elevated Conveyor
- Available as a stand-alone item, or as part of MARCO full line solution

BENEFITS:

- Software driven combination weigher reduces the need for manual operations
- Easily removable (tool-less) belts for cleaning
- Intuitive and user-friendly
- Minimises costly waste
- Rapid ROI
- Consistent Product Quality
- Complete Control & Traceability

BELT WEIGHING SYSTEM COMBINATION WEIGHER SPECIFICATION SHEET



MARCO's user-friendly semi-automated **BWS1200 Combination Weigher** simplifies the packing process for fresh produce and sticky foods, enhances control and increases packing speeds.

Manufactured entirely from stainless steel and rated to IP66 affording excellent wash down protection. The system delivers Average or Nett Minimum Weight portions.

Product is carefully managed as it moves from the in-feed conveyors to the weigh belts and then to the collection conveyor, before being deposited in the desired presentation. Each BWS system is typically equipped with custom fixed tooling.

The system features a unique modular design that enables a completely tool-less dismantling process for easy cleaning.

GANTRY & OPERATOR PLATFORM

BWS all stainless steel, high care, semi portable Mobile Scale Stand with wheels and lock down adjustable feet. BWS single access, high care specification, Operator Stands with steps and hand rail, all stainless-steel frame with aluminum chequered plate decking.

PRODUCT SPECIFICATION

Width:	2980mm
Height:	2150mm
Depth:	1020mm
Depth: (with operator stand)	1705mm
Weight:	410kg
Power Supply (mains):	3ph 480v 60hz 13 amps
IP Rating:	IP-66
Loadcell Capacity:	10kg
Material:	304 Stainless Steel
Construction:	Box Section
Foot Type:	Feet/Braked Swivel Castor
Weigh Hoppers:	12
Touch Screen:	15" graphic colour display and resistive touch screen
Max portion weight per channel:	500g x 1g
Capacity:	up to 40ppm (product dependent)
Accuracy per channel:	1g
Operating Environment:	-10° to +40°, 30% to 85% RH

OPTIONS

- Mobile Cleaning/Storage Rack
- Food contact spare parts
- Infeed Elevator

BWS 1200 COMBINATION WEIGHER SPECIFICATION SHEET

