

Model NW600 Check Weigher

- Pack size 2,000 g to 30 kg
- Weighs and records up to 80 packs per minute (pack dependent)
- Average weight, T1 and T2 calculation
- Multiple reject options
- Grading capability
- RS232, 485, Profibus and Ethernet connectivity to corporate IT network
- Legal-for-Trade option
- Optional interfaces to metal detector, bar-code printer, feeder system and robotics



NW600 Check Weigher

This model is designed as a flexible and economic solution for check weighing requirements in a variety of industries. It is a rugged and reliable machine equally at home weighing produce (i.e. bagged vegetables), processed food packs, chemicals, paints & coatings etc.

Its high accuracy allows accurate pack monitoring, minimises give-away, and makes for a rapid recovery of investment.

Models

Two standard versions are available ...

- Model 600R - this incorporates in-feed and out-feed conveyors and is designed for faster throughputs and incorporates automatic out-of-tolerance rejection
- Model 600BSA – this is designed for heavier pack sizes and slower belt speeds. Normally out-of-tolerance packs will cause the belt to stop allowing for manual rejection

Custom models can be created to match existing conveyor systems and specific operational needs.

Data processing

The data display includes a number of operational and management parameter. Both minimum weight and average weight regulations are supported.

Linking to the customer's factory data collection and manufacturing systems can easily be achieved via the data ports with a choice of RS232, 485, Profibus and Ethernet connectivity.

System Integration

The check weigher can integrate with other packing line systems including inkjet printers, metal detectors, barcode printers and more. Automatic pack weight adjustment can be performed via a data connection between the check weigher and the packing machine controller.

Legal-for-Trade option

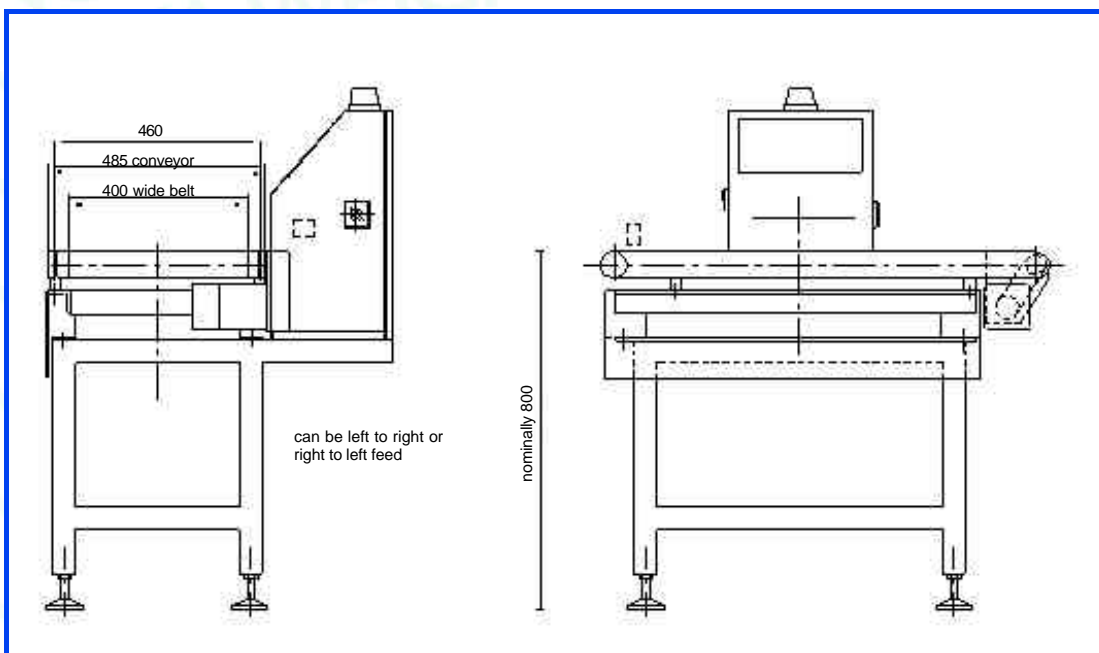
A special Weights and Measures stampable version is available

Technical Specification

Materials of manufacture	304 stainless steel support frame and display housing. Conveyor material is polyurethane food and non-food
Pack size	2,000 g to 30 kg
Throughput	80 packs per minute (pack size dependent)
Accuracy	1:3,000
European Legal-for-Trade Approval	Optional, complies with requirement of NAWI Directive
CE marking	Conforms with Low Voltage and Machinery Directives
Weight display	programmable indicator with large backlit LCD display and soft keys to select required function

Displayed information	Minimum weight option <ul style="list-style-type: none"> • Number of weighings • True average • Cumulative weights (optional extra) • Number of rejects (optional extra)
	Average weight option <ul style="list-style-type: none"> • Number of weighings • True average • Cumulative weights (optional extra) • T1 and T2 values per commodity • Rejected number of T1 - T2 • Rejected number of T2
Power supply	230 Vac, single phase (to be arranged by customer)
Air supply (only required if reject mechanism fitted)	Clean and dry, minimum 3 bar
Location	Firm and flat concrete or other solid floor

Dimensions



NOVA WEIGH



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