TopControl
AUTOMATION AND CONTROL SYSTEMS

Weighing Solution

fruitmanager

statisticsweights

CWT1000
AUTOMATIC CHECKWEIGHER

✓ Maximum productivity

✓ ROI within 3-12 months

✓ Optimized packaging process with ergonomic integration into the packaging line

PROCESS OPTIMIZATION OF SMALL PUNNETS

4.0 INDUSTRY

VEGETABLES & FRUITS

MEAT

CHEESE

INDUSTRY 4.0
TopControl
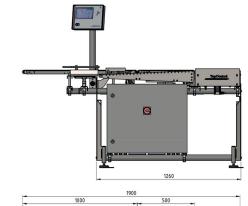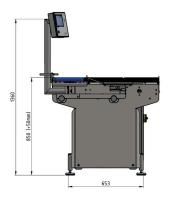DRIVING EFFICIENCY IN FOOD PROCESSING
www.topcontrol.it
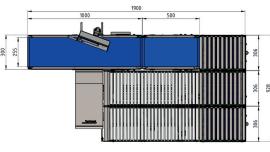
CWT1000
AUTOMATIC CHECKWEIGHER

The automatic checkweigher CWT1000 is an automated and efficient solution for weight control of small punnets of fruit, vegetables, meat and cheese. The CWT1000 checks the weight of the pre-filled small packages before closing the punnet. If the weight of the punnet is outside the weight limits, i.e. overweight or underweight, the CWT1000 enables automatic separation of the packaging by means of a turnout system. Out-of-tolerance packages are then weighed on a second scale to the previously defined target weight and reintroduced into the packaging process.

Weight control of the defined fill quantities is precise, cost-saving and fast - with up to 60 packages per minute. The automatic checkweigher is characterized by user-oriented operation and ergonomic integration into the packaging line.
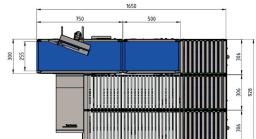
The CWT1000 guarantees the optimization of the packaging process and highly accurate weighing results, while minimizing giveaway and maximizing productivity. Due to the high accuracy of the scales and the automatic weight control of the packages, a significant increase in efficiency in the production process is achieved. This noticeably reduces costs and increases profits. Connected with the TopControl software StatisticsWeights or FruitManager all weights and performance data are completely recorded, for efficient evaluation and reporting.

HIGHLIGHTS

- Optimization of the packaging process of small punnets
- Reduction of weight errors to 0 through 100% inspection of each package before sealing
- Maximum productivity
- ROI within 3-12 months
- Automatic weight control
- Selective weighing of packages over weight limits
- Ergonomic integration into the packaging line
- Intuitive touch display
- Optimal integration in the TopControl software StatisticsWeights and FruitManager for data registration and analysis

TECHNICAL DETAILS

- Checkweigher with 2 scales
- Total length: 1.900 mm
  Alternative: 1.650 mm
- Max. punnet size (L x W): 280 x 150 mm
- Weighing range/division: 6kg /2g
- Operating mode: Weighing / weight registration / pass through
- Transport direction: right/left or left/right
- Performance:
  - Trays (L x W): 220 mm x 120 mm (10% removed) – 60 trays/min
- Colour LCD touch display 7 inch
- Interfaces: Ethernet 10 Base T, TCP/IP, RS 232, RS 422
- Protection: IP65
- Height adjustment:
  - 850 mm to 910 mm
  Optional:
  - 980 mm to 1,030 mm
  - 1,000 mm to 1,050 mm
- Frame: compact and modular structure in stainless steel

Total length: 1.900 mm

Alternative
Total length: 1.650 mm