TopControl
AUTOMATION AND CONTROL SYSTEMS

Weighing Solution

fruitmanager

statisticsweights

MAXIMUM
PACKAGING
SPEED

MHP2000
MULTIHEAD PROCESSING SYSTEM

✓ Profit maximization

✓ ROI within 3-12 months

✓ Suitable for small punnets

4.0 INDUSTRY

VEGETABLES & FRUITS

MEAT

CHEESE

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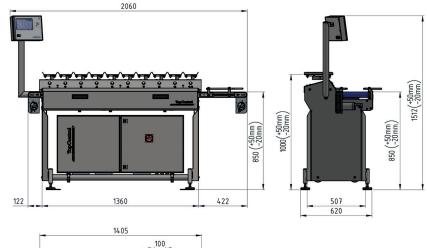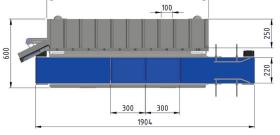www.topcontrol.it

MHP2000
MULTIHEAD PROCESSING SYSTEM

The multihead processing system MHP2000 processes prefilled small punnets of fruit, vegetables, meat and cheese to ensure a minimal giveaway amount. The ten weighing scales on the MHP2000 are manually loaded by an operator to add the final piece to the prefilled small punnets for automatic weight optimization. With two scales installed into the infeed belt, the MHP2000 can determine the missing product amount or the missing product combination totals in real time. The operator only needs to observe the green LED-indicator to reach the defined target weight.

The MHP2000 is a flexible weighing system that, in addition to a standard weighing mode for a completed product also has options for weighing on a conveyor belt, combination weighing and throughput. The MHP2000 offers a significant increase in efficiency in the packaging process. The optimal combination of the products reduces the giveaway to a minimum while the packaging speed is improved with minimal personnel deployment. This noticeably reduces costs and increases profits. Connected with the TopControl software StatisticsWeights all weights and staff times are completely recorded, for efficient evaluation and reporting.

HIGHLIGHTS

- Maximum packaging speed
- Profit maximization
- ROI within 3-12 months
- Suitable for small punnets
- Minimization of the production steps
- Maximum reduction of giveaway
- Flexible applications
- Up to 20-25 packs/minute
- Robust and hygienic construction in stainless steel
- Protection grade IP65
- Intuitive touch display
- Efficient staff time recording with integrated RFID reader
- Optimal integration in the TopControl software StatisticsWeights for data registration and analysis

OPTION

- Ergonomic storage for boxes
- Stand-alone without software

TECHNICAL DETAILS

- Multihead processing system with 10 scales
  Weighing range/division: 3 kg/1 g
- Two built-in scales in the infeed belt
  Weighing range/division:
  3 kg/1 g – 6 kg/2 g
- Max. punnet size (l x w):
  220 x 190 mm
- Operating modes: Completion/ weighing on infeed belt/combination/ throughput
- Transport direction:
  right/left or left/right
- Colour LCD touch display 7 inch
- Interfaces: Ethernet 10 Base T, TCP/ IP, RS 232, RS 422
- Protection: IP65
- Frame: compact and modular struc- ture in stainless steel