

Sortaweigh GS900
Automatic Grading Systems

GS900



www.aewdelford.com



Next generation grading po

AEW Delford Systems **GS900** grading technology combines innovative software and mechanical engineering to ensure flexible, fast, effective grading performance.

Based on Sortaweigh's extensive experience in the design and manufacture of automated grading equipment, the **GS900** range has been developed to meet the demands of today's food processing industry.

Systems are designed to solve individual product and packaging needs, offering basic grading, grading to target weight and fixed count capability for fresh or frozen products at speeds in excess of 400 pieces/min.

Particular attention has been paid to hygiene, with every part of the system – from flat screen console to hinged catchment bins – guaranteed waterproof and designed for easy access and washdown.

Line layouts, conveying and handling systems are custom-designed, with 2 to 32 channels mounted according to application, volume and space requirements. Dual lane configurations are available for high volume throughputs, and takeaway conveyors can be fitted for transporting graded product to end of line bagging or boxing equipment.



Powerful microprocessor control

The compact electronic console has a PowerPC microprocessor driving a full 10.4" colour screen with piezo-electric touch controls. For ease of operation, a full diagnostic on-screen display of machine functions is provided.



Customised handling systems

Customised infeeds for fresh or frozen products after fully or semi-automatic feeding, a choice of pvc or plastic modular belt conveyor and drag or deflect product ejector arms.

Easy access for washdown

The complete system is designed for easy access for cleaning, including hinged catchment bins and a unique, quick action belt release device for access to the outfeed conveyor.



Guaranteed waterproof

Manufactured throughout in stainless steel with particular attention to hygiene, every area is guaranteed waterproof in excess of IP66, including the control panel.



RMS Network Control Package

Developed specifically for the GS900, the RMS Network Control Package provides up-to-the minute data for management control. Capable of interfacing with up to 30 systems simultaneously, the software provides running information in real-time via two-way communication.



Features and Benefits

Construction

- Stainless steel to IP66 protection.
- USDA approved.
- Robust design with PVC or plastic modular belting.
- Left or right hand flow to suit plant layout.

Capacity

- 180–200 piece/min depending on product length.

Weight range

- 10–999g In 0.5g Increments.
- 20–2000g in 2g Increments.
- 40–500g in 2g Increments.
- 100g–10kg in 100g Increments.

Weighing accuracy

- +/-1g subject to product size and stability.
- R51 approved.

Weigh table

- Fully live weigh table.
- Independently driven belt with easy clean facility.
- Fully waterproof.
- Variable to suit product length.

Automatic zero tracking

- Automatic during empty weigh table, or after a preset period of time or piece count.

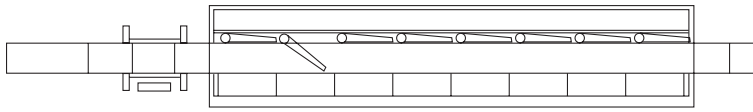
Product data

- Tabulated information is displayed on screen for each product.
- Data can be downloaded to a remote printer via a RS232 port or to the RMS system.
- Engineering test and diagnostic modes.
- Fully programmable by operation with pass protection codes.
- Numerous production programmes may be stored in the (battery-backed) machine memory.

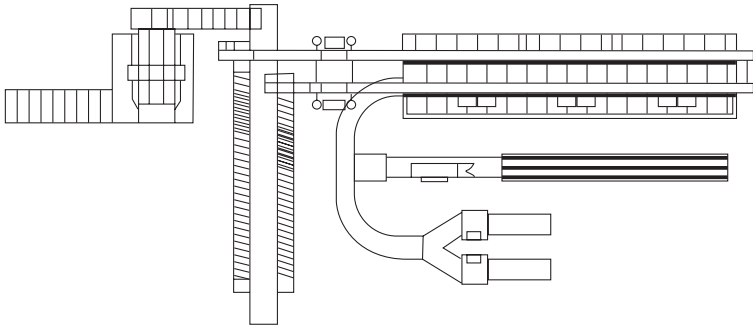
Hygiene

- Quick release belts for ease of cleaning.
- Hoseproof console and conveyor.
- Hinged catchment bins.
- Easily removable weigh table assembly.

Sortaweigh GS900 Automatic Grading Systems



Standard 8 channel system



Complete dual lane installation



Agent/Distributor

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systems

Technical Information

Machine height: Optional between 1200mm and 1600mm with +/-100mm

Services: 208-480V 3 phase 50/60Hz 5amps, clean air @ 4.5 bar, mains water (if required)

Control: Data input via touch sensitive alpha numeric keyboard

Programme set up and running information displayed on clear piezo-electric screen

All AEW Delford Systems machines carry CE certification.

Integrated Systems

The **GS900** can operate as a stand alone machine or it can be integrated with a range of manual or automatic production lines.

For further information please logon to:
www.aewdelford.com