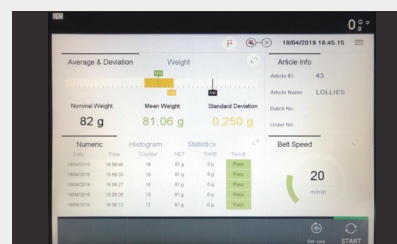


# Matthews SmartWeigh

## Combination Metal Detector and Checkweigher



CHECKWEIGH AND  
METAL DETECTION



### Easy to use

All operations are performed via one control screen and inspection results are displayed on the same screen.

Product changeovers and recalling existing production information from the systems memory can be done in just a few seconds.

New products can be set up very quickly - simply follow the on screen prompts. Once done, save the settings in memory and if you want to run that product again, just select it from the list in the memory. There's no need to reprogram the unit each time.

### Small footprint

The compact design of the SmartWeigh combination metal detector and checkweigher saves valuable floor space when compared with the footprint of separate metal detector and checkweigher units.

### Value for money

The Matthews SmartWeigh combination metal detector and checkweigher is a high quality machine at an entry level price - meaning that it's great value for money.

Combination units are typically more cost effective than purchasing individual MD and CW units.

### High quality European design

By utilising decades of experience in checkweigher design and using the latest engineering technology with high quality stainless steel components, the engineering team have produced a machine which works reliably with high accuracy for many years in a variety of environments.

The machine has a clean, open design to reduce the build up of dirt and debris. Optional clear bins are also available, making it easy to see when they need emptying.

### Large colour touch screen

The intuitive touch screen controller is remarkably easy to use and allows operators to get up and running quickly with minimal training.

Password control ensures that the only staff that will have access to settings are those that you authorise.

### Reports

Various reports such as Giveaway, Average weights, Individual pack weights, Standard Deviation, MD results etc. are available on the screen or can be displayed on a P.C. using optional software.

### Maintenance

Most belts are quick change - from running to complete removal of belt and conveyor in less than one minute. Our special metal detector design saves hours of maintenance compared with competitors machines. On board diagnostics make it quick and easy to locate and identify issues, meaning downtime is minimal.

### Special options are available for companies who supply to the supermarkets

- Lockable reject bins
- Reject confirmation and bin full sensors and alarms
- Conveyor covers
- Reporting software for easy proof at audit time
- Fail safe system

Most supermarkets require end of line checkweighing and metal detection for FMCG items, especially when packaged under the supermarkets own brands. The Matthews Smartweigh is a reliable, cost effective and easy way to achieve the required compliance.



code



check



capture



care 24x7

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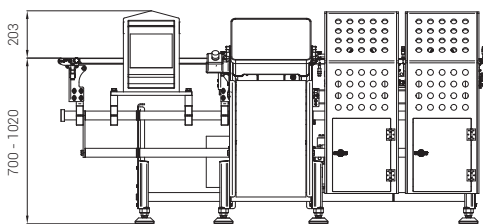
  
**matthews**  
intelligent identification

# Technical Specifications Matthews SmartWeigh

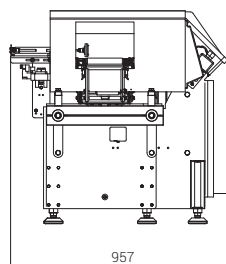


General features	
Belt widths	150mm / 300mm
Line heights	700mm to 1020mm
Capacity	Max. 3kg
Product height	Up to 150mm standard (other heights on request)
Material	S/S 304
IP rating	65
Adjustable height feet	Yes
Controls	12" colour touch screen
Weight classes	UTML or AQS (e-weights), software selectable
Password control	Yes
Comms	USB and Ethernet standard
Options	
Draft shield (over weighing conveyor)	
Cover (over reject conveyor)	
Feedback (fill level control)	
Guide rails	
Reject methods: Signal / air blast / pusher	
Reject collection bins (lockable)	
Reject confirmation and bin full alarms	
Compressed air monitoring	
Light stack	
Communication interfaces: RS 232, RS 422, RS 485, Profibus, Static I/O	
Other	
Number of Products	90 / 200
Quick release belts	Included
Dimensions	See diagram below
Air filter and Reg kit included	Festo
Services required	Electrical: 1ph, 230V, 50Hz; Pneumatic: 6 bar, 12mm O.D. supply via flex hose (push in)
For applications where other contaminants such as stone, glass or bone may be an issue, or where metallic packaging is present, an X-ray and CW system can be supplied. Contact Matthews for details.	

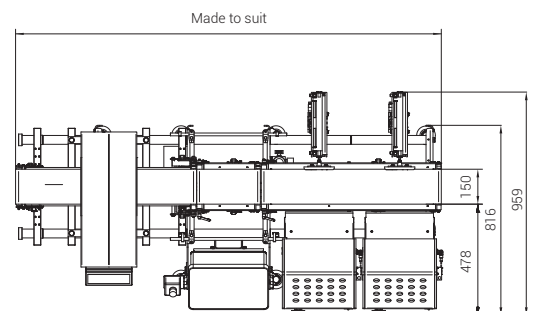
Front View



Side View



Plan view



code



check



capture



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