

CHECKWEIGH & REWORK LINE

INDUSTRIES



FRESH PRODUCE

PRODUCE



STRAWBERRIES



RASPBERRIES



MUSHROOMS



TOMATOES

MARCO's innovative Checkweigh & Rework Packing Line is specifically designed to reduce reliance on manual labour (up to a **50% reduction in labour**), eradicate product overpack, minimise waste and improve productivity.

Pre-filled punnets are placed onto our Soft Touch Conveyor (STC), which seamlessly transports them to the first inline Checkweigher. Each pre-filled punnet is accurately weighed using a MARCO CW150 Checkweigher to ensure it meets the specified weight standards.

Punnets that meet the specified weight standards continue downstream along the production line without interruption, while those requiring adjustment are redirected via our **smart diverter mechanism** to designated corrective workstations for immediate rework. Using the '**one light=one fruit**' language transparent traffic light display together with the MARCO Yield Control software, operators can make quick informed decisions to achieve the punnet target weight.

MARCO's range of smart diverter mechanisms are capable of punnet speeds ranging from 80-120 packs per minute, depending on the product and punnet specifications.

Investing in a MARCO packing line equips your facility with a fully integrated solution that emphasises efficiency, consistent product quality, and reduced labour costs.

Line requirement:

For optimal performance, the product quality entering the line should meet a certain minimum standard.

Find out more: <https://youtu.be/BW6R0xyd3lw>

KEY FEATURES:

- Operator accountability via approved ID login
- Accurate real time data by operator
- LED Visual Lightbar Indicator
- Suitable for sanitary environments rated to IP65
- Detailed batch and individual operator reporting
- Increased Management Insight

BENEFITS:

- Intuitive and user-friendly
- Reduce labour up to 50%
- Rapid ROI
- Minimise Giveaway and Reduce Waste
- Boost Productivity
- Increase Pack Accuracy
- Consistent Product Quality
- Complete Control & Traceability



CHECKWEIGH & REWORK LINE SPECIFICATION SHEET

MARCO's solution for pre-filled punnets is specifically designed to reduce labour, eradicate product over pack, minimise waste and improve productivity.

Pre-filled punnets are placed onto an Infeed Conveyor leading to MARCO's CW150 Checkweigher, which assesses each punnet to determine if adjustments are needed. Punnets that meet specifications proceed downstream, while those requiring changes are diverted to a modular conveyor leading to adjustment workstations. Operators use the MARCO Trac-IT YCM 'One light = One fruit' system for adjustments.

PRODUCT SPECIFICATION

Height (to conveyor):	970mm
Depth:	1111mm
Power Supply (mains):	110/240V AC 50/60Hz
IP Rating:	IP-65
No Load Power Consumption:	0.2843A
Full Load Power Consumption:	0.805A
Material:	304 Stainless Steel
Construction:	Hygienic Fully Welded Construction
Foot Type:	Hygienic
Operating Environment:	-10° to +40°, 30% to 85% RH
Packs Per Minute:	up to 120ppm (product and divert dependent)

Products: Strawberry, Raspberry, Mushroom

Divert Options: Ball Divert - can deliver up to 80ppm (K37 punnet)
Slat Divert - can deliver up to 120ppm (K37 punnet)

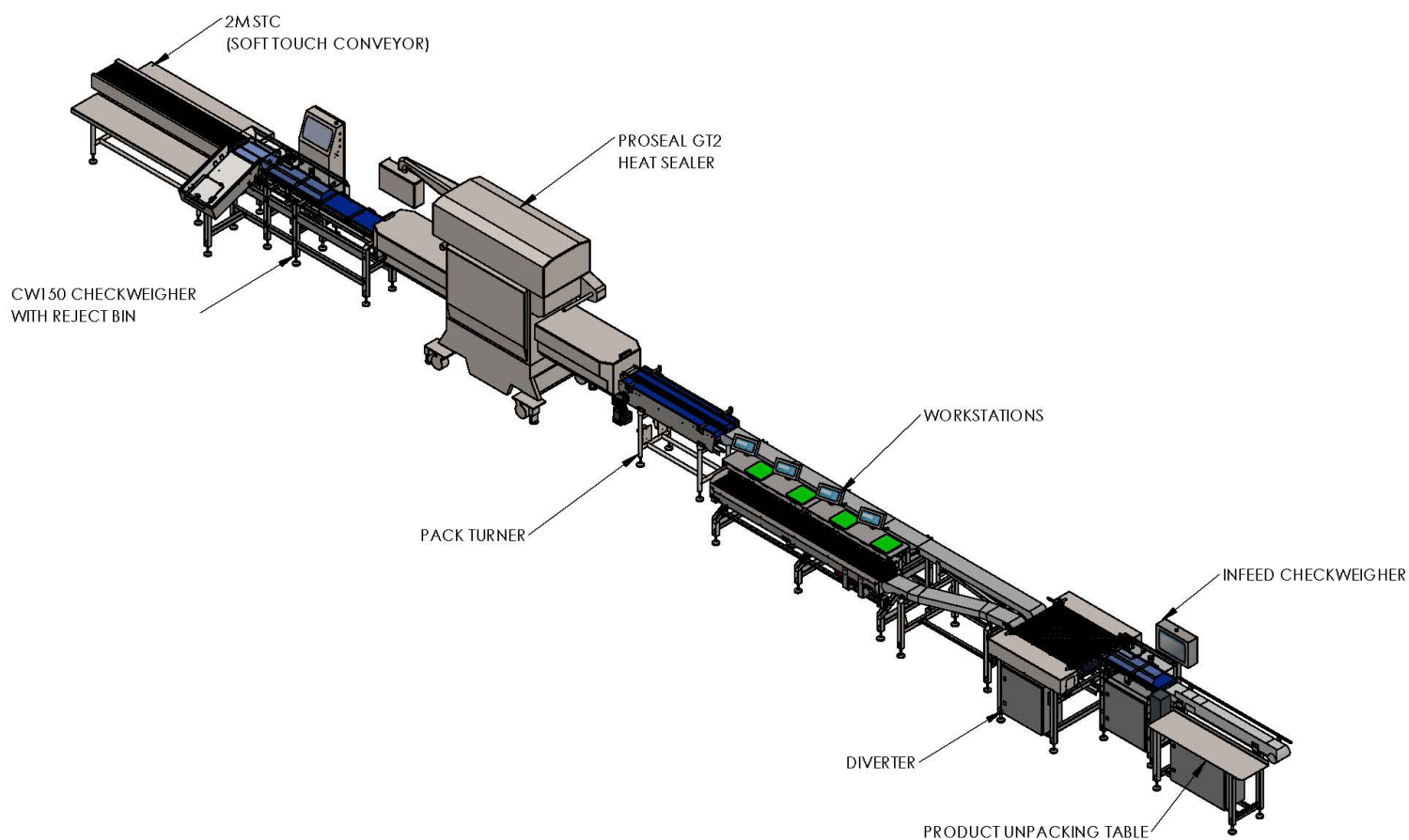
OPTIONS

Ball Divert
Slat Divert

- IP Rating IP-65
- Machinery Directive 2006/42/EC
- 4 Digit PIN Log In
- EMC Directive: 2014/30/EU

CHECKWEIGH & REWORK LINE

SPECIFICATION SHEET



(Typical Line Shown)