



Dynamic Checkweighers Specification Sheet

In-motion weighing that checks every pack on the line, not a sample.

Models in this sheet: VKD-II Conveyor Metal Detector and Check Weigher, Small Roller Dynamic Checkweigher

Figures in this document are those published by the factory for each model. Where a value is shown as TBC it is not published, and we confirm it with the factory before order rather than estimate it. Specifications are subject to change without notice.

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1. VKD-II Conveyor Metal Detector and Check Weigher

The VKD-II does two jobs on one frame: it checks each pack for metal contamination and weighs it, then rejects on either result. Combining them removes a second conveyor, a second control panel and a second reject point from the line, which is usually where the space and the money go on a packing hall floor.

Key benefits

- Metal detection and checkweighing on a single conveyor frame
- One reject point handles both contamination and weight failures
- Removes a second machine, panel and footprint from the line
- Detects ferrous, non-ferrous and stainless steel contaminants
- Stainless steel construction for food-industry washdown

Specification

Function	Combined conveyor metal detector and check weigher
Detected Metals	Ferrous, non-ferrous and stainless steel
Construction	Stainless steel, 304 grade elements
Power Supply	AC 220 V
Detection Aperture	TBC - confirm against your pack size
Weighing Range and Accuracy	TBC - confirm at quotation
Belt Speed	TBC - confirm against your line speed

2. Small Roller Dynamic Checkweigher

A dynamic checkweigher weighs every pack on the line in motion and diverts the ones outside tolerance before they reach the customer. This small roller model uses load cells that filter out environmental noise, which is what cuts false rejects on a plant floor where vibration would otherwise corrupt the reading.

Key benefits

- Weighs every product on the line rather than a sample
- Load cells filter environmental noise to reduce false rejects
- Removes underfilled and overfilled packs before they reach consumers
- Reduces product waste and rework time
- Produces production data usable for process improvement

Specification

Type	In-motion dynamic checkweigher, small roller
Function	Weighs every product and diverts those outside tolerance
Weighing Range	TBC - confirm against your pack weight
Accuracy	TBC - confirm at quotation
Belt or Roller Speed	TBC - confirm against your line speed
Reject Method	TBC - confirm at quotation