



H Series

Checkweigher for huge and heavy products



Chemicals



Logistics



Food



Non-food



Tanks





200 g up to 60 kg



IP54 (IP65 option)

In the modern logistics, the demand to scale and sort large and heavy products is always increasing.

H Series checkweighers are the solution to these exigencies, allowing the fast dynamic **weighing of loads up to 60 Kg.**

With our focus on product handling and production rate, we ensure accurate measuring in all our equipment which guarantees our customers return on investment.



Application examples

Cartons of bottles

Flour bags

Cement in powder form

Milk powder

Pesticides

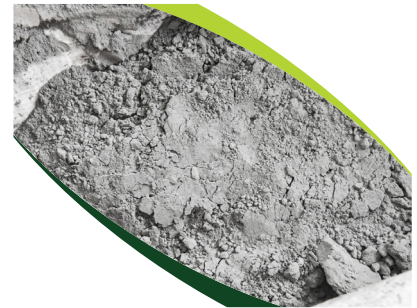
Paints

Watermelons

Fuel tanks

Rice and pasta

Gypsum



Main Features



Tough

Larger rollers, extra powerful servomotors and reinforced frame, for enhanced resistance.



Time-Saving

Automatic control of 100% of the production, to avoid slow and unefficient manual sampling.



User-friendly

With EasyWeigh® technology there is no need for calibration or learning procedures.



Certified

MID European Directive and OIML R-51 full certified. NEMESIS is an ISO 9001 company.

 **200 g up to 60 kg**

 **IP54 (IP65 option)**



AUTOMATIC EJECTORS

- Side pneumatic ejector
- Rodless pneumatic ejector
- Drop-down ejector



INFORMATION PACKS

- 7" touchscreen control panel
- 10" touchscreen control panel
- NEMESIS Data Manager
- NEMESIS Analytics
- Integrated printer for reports
- Lights and acoustic alarm tower



SECURITY DEVICES

- Air pressure check
- Rejection photocell
- Reject bin full photocell



APP-SPECIFICS

- Proactive feedback correction
- Remote control panel
- Reinforced architecture

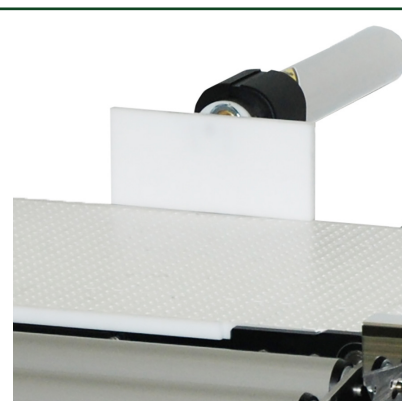
Technical Datasheet

Capacity	200 g up to 60 kg
Scale interval "e"	≥ 5 g
Display resolution "d"	≥ 1 g
Accuracy (3σ)	≥ ±0.05 g
Throughput	≤ 130 ppm
Belt Speed	≤ 40 m/min
Power Consumption	≤ 0.5 kw
Configuration	1 up to 3 conveyors
IP Protection	IP54 (IP65 option)
Height	460 mm up to 1,200 mm
Conveyor(s) width	300 mm up to 620 mm
Conveyor(s) length	450 mm up to 2,050 mm
Conveyor(s) type	Polyurethane Belt Modular Plastic

Light/sound alarm tower



Modular plastic ejection conveyor





Case study: Aggressive Chemicals Tanks

This is a particular Series H Checkweigher, **designed for scaling and sorting tanks of aggressive chemical liquids.**

Not only the heavy weight of the tanks (the system has a **maximum scale capacity of 35,000 g**) but also the risk of product's losses, that could have damaged the conveyors' tapes, were to be considered.

This way, the chosen solution is a checkweigher featuring **three modular plastic conveyors**, in order to avoid the chemical erosion of the belts' tapes, at the same time granting the proper accuracy to discard overweight and underweight tanks.



Reclinable twin conveyors, "V" position

Reclinable twin conveyors, flat position

