



# 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

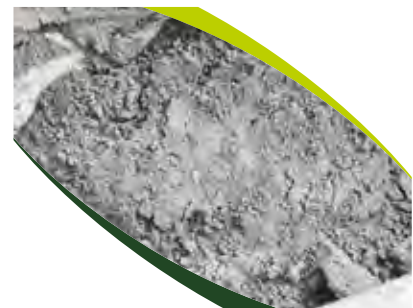
Paints

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

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

