

E-SERIES



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WEIGHING SYSTEMS ●●●

**CHRONO-WEIGH™ E - SERIES
SYSTEM-COMPATIBLE NET WEIGHERS**



WEIGHING SYSTEMS

SYSTEM-COMPATIBLE NET WEIGHERS

E-SERIES

The latest generation of the E-series net weighers meets the highest demands for accuracy and performance. Our precision weighing systems are available in single weigher, double weigher combi-

nations, or as a system-compatible integrated module in bagging lines for a weighing range from 5 to 50kg per weightment. Larger weightments are available on request.

● ● ● **CHRONO-WEIGHT™ E55 NXT- PRECISION WEIGHING SYSTEM**

This new generation of our well-established type **E 55** net weigher is equipped with state-of-the-art loadcell weighing technology. Three cleaning doors allow significantly enhanced and easier cleaning access. The optimised weigh hopper – with stainless steel contact parts as standard – ensures hygienic bulk weighing and easy cleaning. A fully stainless steel version is available upon request.



Should you require an update of your Chronos Richardson packing system, the new **E55 NXT** series can be easily integrated into your facility as the dimensions have not been changed. The E55 NXT models as well as F1 are suitable for all industries and can also be retrofitted into all bagging plants.

● ● ● **CHRONO-WEIGHT™ E55 F1 HIGH-CAPACITY NET WEIGHER**

High-capacity bagging weigher with a capacity of more than 2,000 weightments per hour. The **E55 F1** features state-of-the-art servo technology for accurate control of the dosing device and precision weighing accuracy even at this high speed.



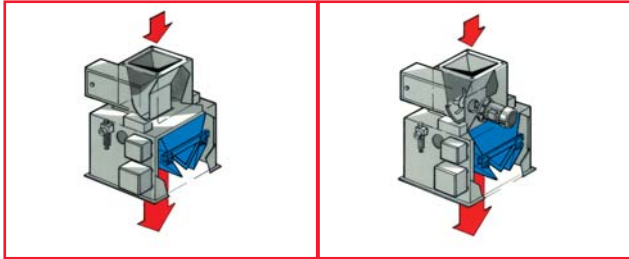
● ● ● **CHRONO-WEIGHT™ E56 HYGIENIC NET WEIGHERS**

CHRONO-WEIGHT™ E56 is the ideal net weigher for weighing applications that require special hygiene standards in the food, pharmaceutical and chemical industry. The innovative weighing system provides a rounded, easy to clean weighing hopper, with options of rubber or stainless steel contact parts. An internal recirculating air system also helps reduce dust adhesion.

The overall weigher height has been significantly reduced by integrating the feed hopper and/or the optional discharge devices in the weighing frame.

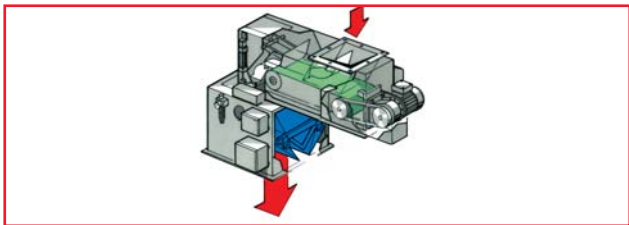


MATERIAL FEEDING - GENTLE; RAPID AND PRECISE

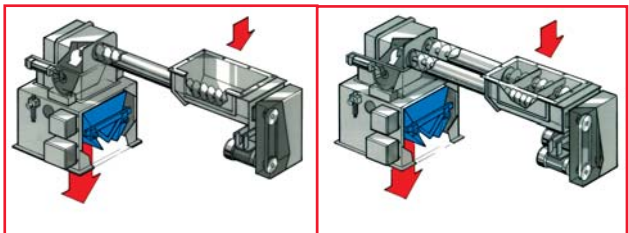


The “G” type valve feeding serves for the controlled feeding of free flowing materials, like plastic granules, granulated fertilizer, grain, rice, sugar etc. Pneumatic cylinder or servo motor (F1) drive.

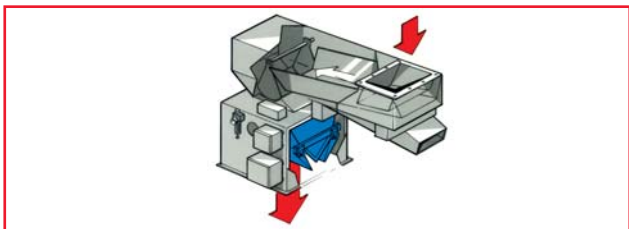
The valve feeding with type “A” agitator is identical to the “G” design but features an additional agitator.



Type “B” belt feeder. The belt feeder is used for non-free-flowing materials which need to be handled carefully to maintain their structure, such as animal feed or pellets. The belt feeder can be used with a wide range of materials at a medium performance level and produces extraordinarily precise accuracies.



In order to ensure consistent filling of non free flowing materials like powders or flours, we offer various **screw feeders** in single or double screw configurations according to capacity requirements. For example: Bread flours, animal meals, milk powder, mineral powders.



Type “V” vibratory tray feeder. The vibratory feeder is used to feed difficult bulk materials, which require smooth material handling. In general, these are non free flowing materials, like Aggregates, flakes, resin and caprolactam, coal, coke or lumpy minerals.

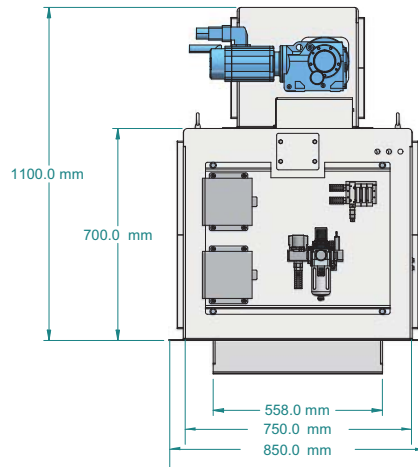
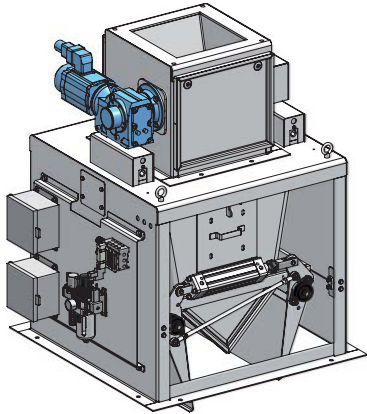
Dosing cones are used to protect the texture of delicate, free flowing and fluidising bulk materials against degradation. Typical applications include: fine grain and/or powdery feed or vitamin

additives. By lowering the cone, the filling cross section can be adjusted to full and dribble flow.

Further feeding options are available on request.

TECHNICAL CONFIGURATION

E-SERIES



TECHNICAL DATA

Net weigher type

weighments/h
weighing range
operating air pressure
power supply
protection class
power consumption

E55 NXT

1200

E55 F1

> 2000
5 - 50kg*
4-6 bar
3 AC 230/400/415 V - 50 Hz, 60 Hz
min. IP 54
max. 4.0 kW

E 56

400

* up to max. 100kg, if required

WORLDWIDE PRESENCE

Rivière-du-Loup, CANADA • Brea, USA • Hennef, GERMANY

Viry-Châtillon, FRANCE • Nottingham, UNITED KINGDOM
Parma, ITALY • Bangkok, THAILAND • New Delhi, INDIA

For nearly 125 years now, **Chronos Richardson Systems** has made its mark on the European and Asian markets thanks to its innovative packaging and processing solutions and approach to complete integrated system projects tailored to customers' individual needs. Armed with its experience, the inventor of the first automatic weigher is now recognized as a specialist in weighing, batching, bagging and palletising for the food, feed, chemicals, plastics, fertilizer, milling and cement industries.

Chronos Richardson Systems is part of the Industrial Equipment Group of Premier Tech, one of the largest players in the field of industrial flexible packaging worldwide.

Find your solution with Chronos Richardson Systems.



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