

Counting your products

HQ series





## About us

Cremer is a Dutch company that specialises in product counting solutions for the pharmaceutical industry and all kinds of food and non-food industries across the world.

Product counting can be seen as an alternative to weighing and pick-and-place for a wide variety of products. For products that may individually vary in weight, products that are difficult to separate or for packages that require a guaranteed number of (assorted) products, counting is often the best solution.

With almost 70 years of experience and expertise Cremer has become the leading manufacturer of both standard as well as fully customised product counting and packaging systems. From conceptual design to final turnkey delivery, Cremer offers all the services you need when counting is the perfect solution for your products.



Enquiry, solution & proposal

Design & manufacturing

Installation, commissioning & final testing



Food & non-food applications

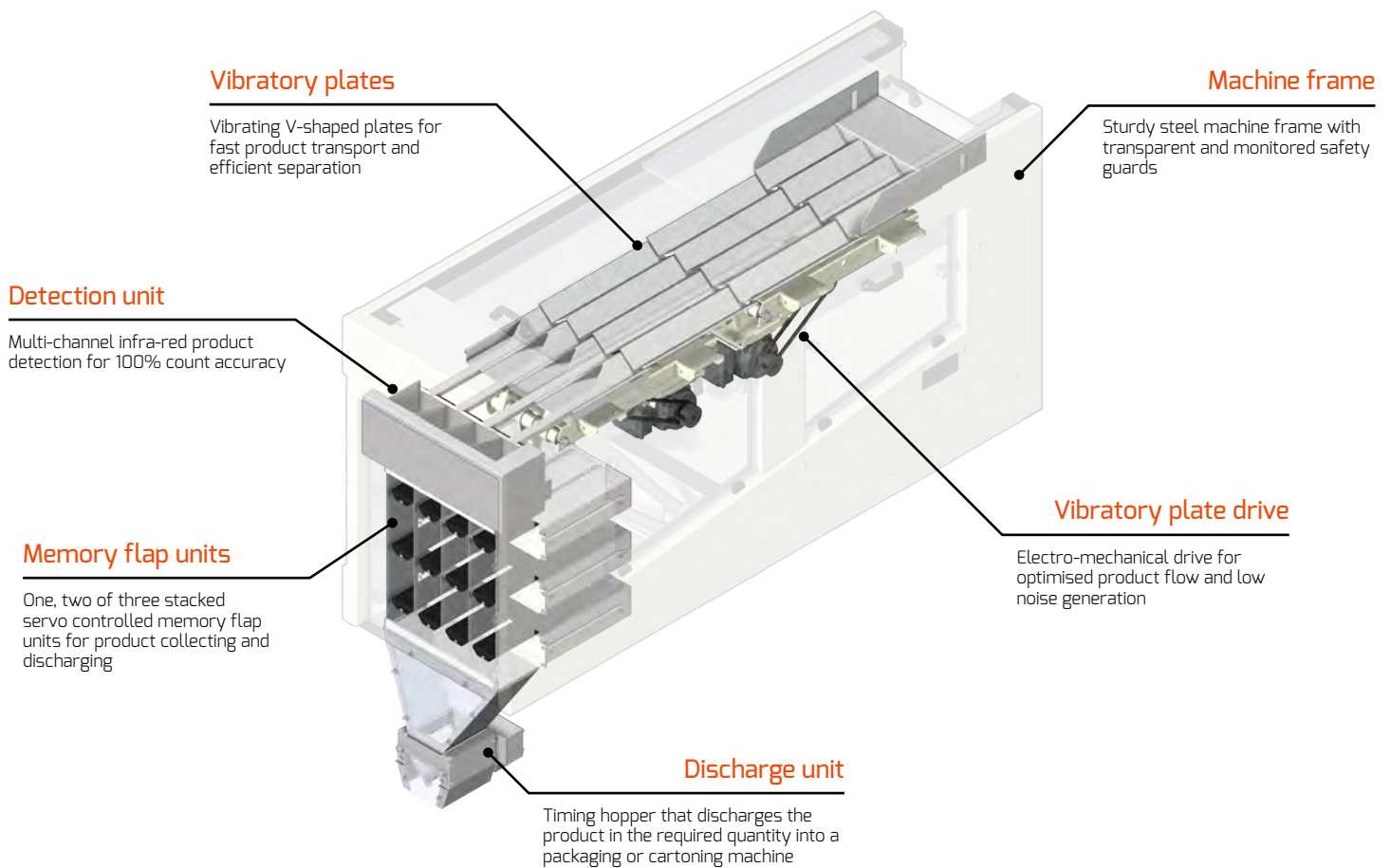
Pharmaceutical tablets & capsules

Agricultural flower bulbs

# HQ product counting systems

The HQ series includes several models for different output capacities. Depending on the type of product and desired output, all HQ models can be delivered as standard machines but can also be designed for custom applications.

## Working principle



**24/7 operation and minimum down-time**

HQ product counting systems are perfectly suited for 24/7 operation in a wide range of applications. All models are versatile in a way that almost all types of products can be counted, provided that they are separable.



**Low maintenance and no tools required**

Proven low-maintenance, minimum downtime and silent operation are the key features of these high standard machines that have found their way to many of world's largest confectionery companies.



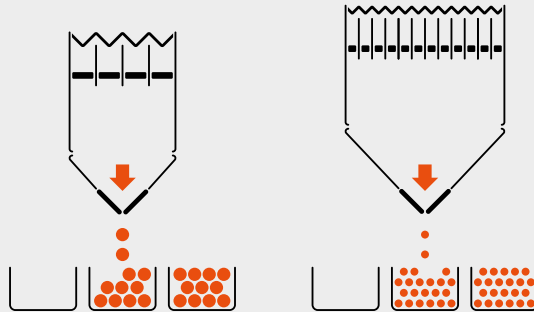
**Silent operation and minimal wear**

All models in the HQ series can be applied in a stand-alone configuration as well a part of a larger mix and pack line.

# Standard models

## HQ model

50 dpm\*



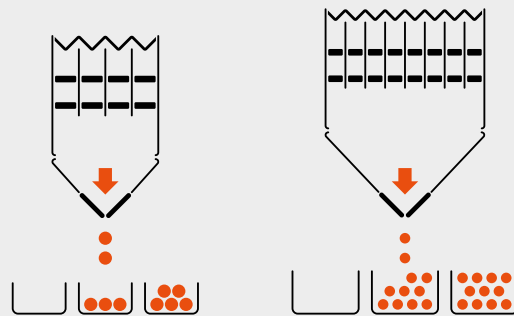
Basic HQ stand-alone model with:

- 4, 6, 8 or 12 product detection channels
- single memory flap unit
- discharge unit

Best suited for filling cartons, bags or any other kind of package with a relatively large product count (20 products or more\*\*)

## HQF model

80 dpm\*



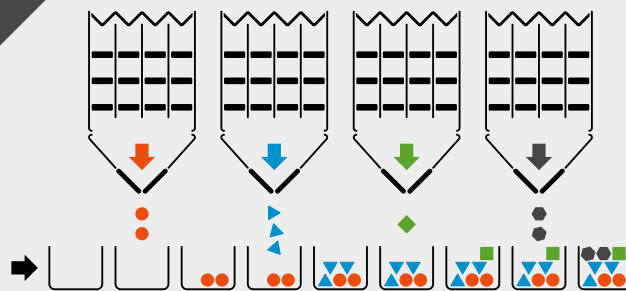
Basic HQF stand-alone model with:

- 4, 6, 8 or 12 product detection channels
- dual memory flap units
- discharge unit

Best suited for filling cartons, bags or any other kind of package with a medium product count (10-20 products\*\*)

## HQI model

150 dpm\*



A typical HQI model has three memory flap units and is best suited for counting small product quantities (1-10 product per pack) at very high speed

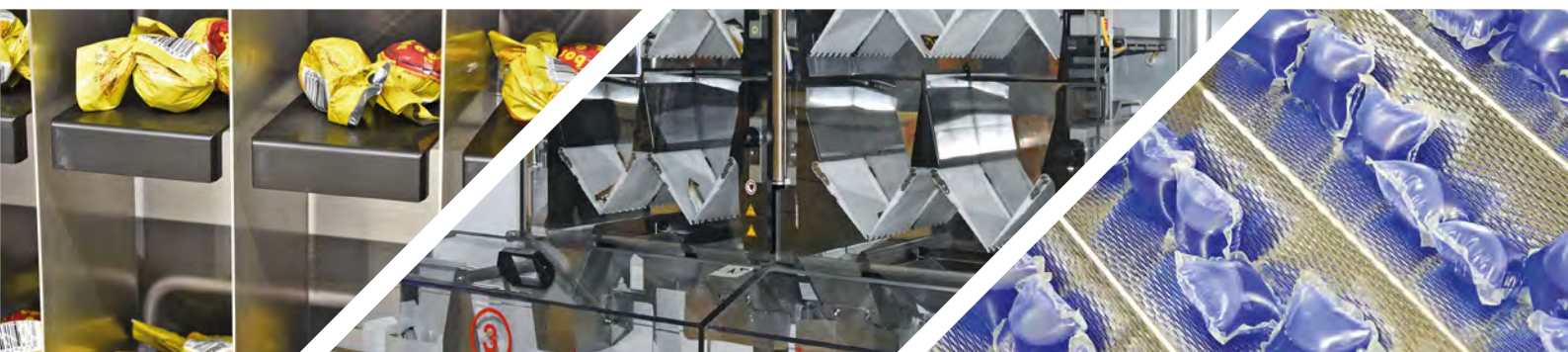
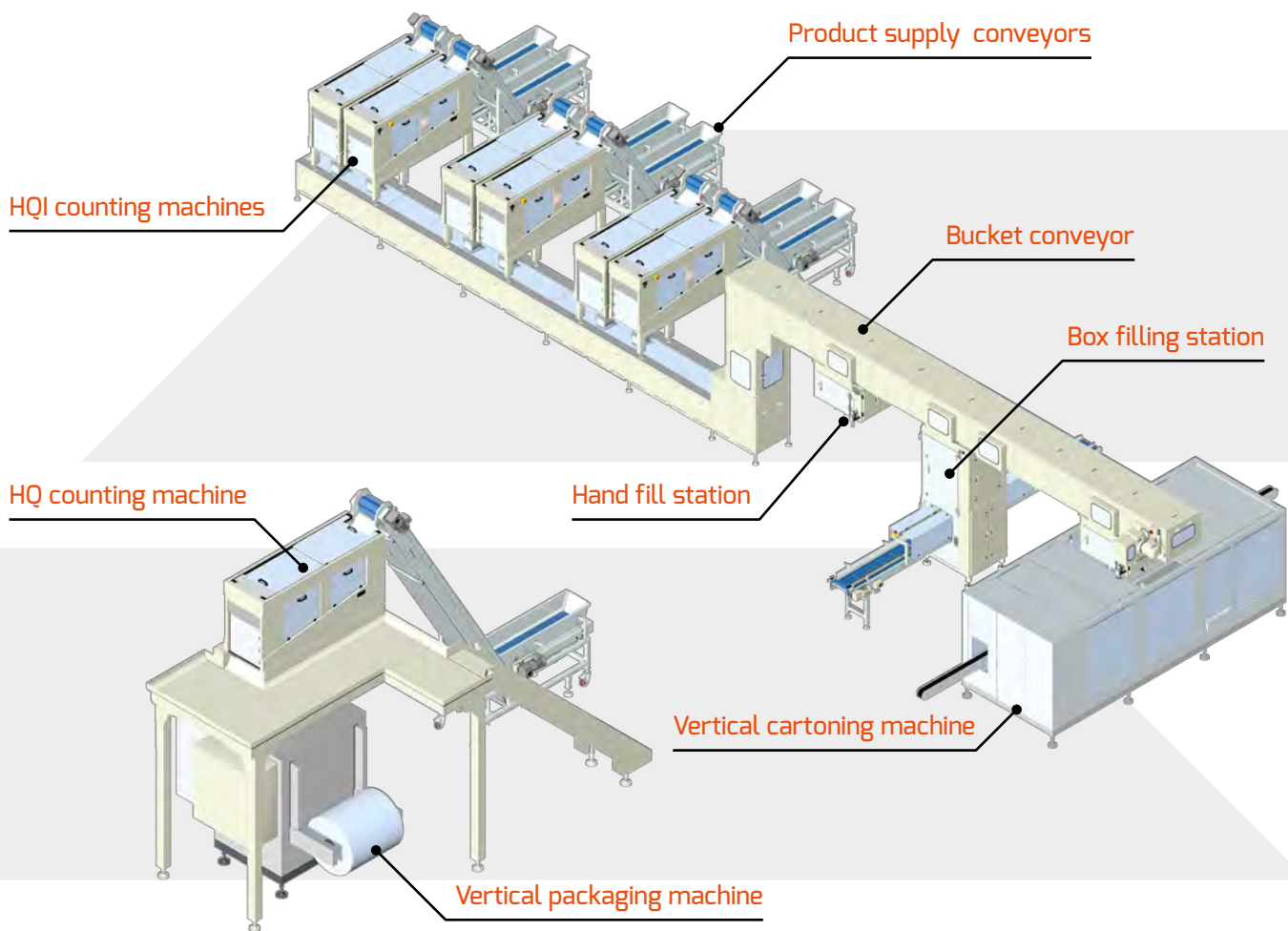
Moreover, the HQI model is also best suited for mix lines where the final pack requires an assorted mix of different products

\*) Dumps per minute, depending on the product count

\*\*\*) Depending on the product size

Basic frame width (mm)	Basic model	Channels	Width (mm)
400	HQ-4100	4	100
	HQ-850	8	50
600	HQ-4150	4	150
	HQ-6100	6	100
	HQ-875	8	75
	HQ-1250	12	50

# Customisable configurations



Delivering standard machines or fully customised counting and packaging solutions



Compatible with all industrial packaging and cartoning installations



Easy-to-clean and FDA compliant contact parts for processing both food and non-food products

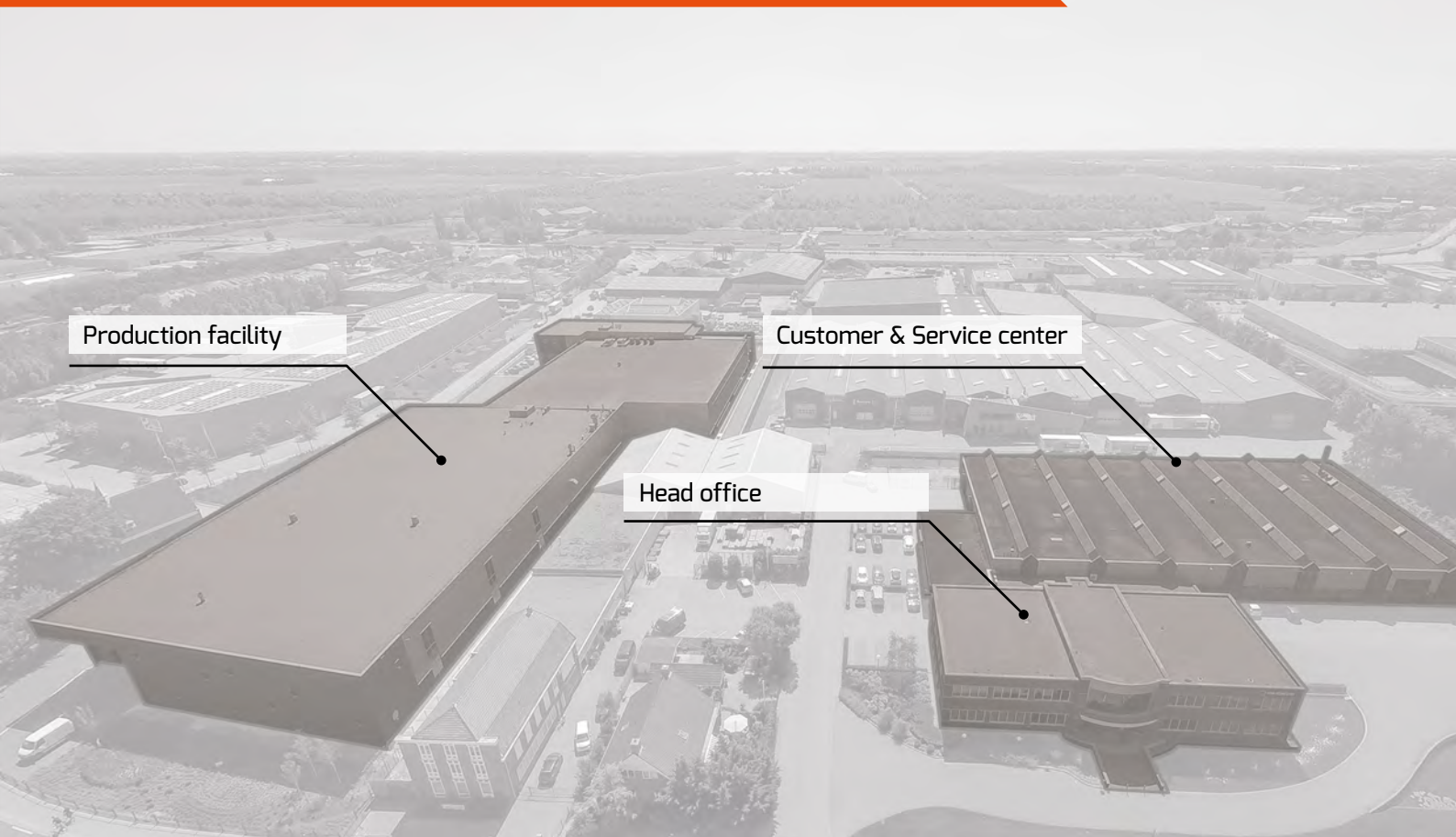
Cremer counting systems are the heart of the packaging line. All models in the HQ series can be used as a stand-alone machine placed on top of any automatic packaging machine or, for manual filling of bags and boxes.

The HQI models are typically used for producing a mix of assorted products. Placing multiple counting machines over a bucket conveyor creates a precise mix of a variety of products that can be delivered to a packaging or cartoning machine.

All models are perfectly suited for counting both food and non-food products and comply with the highest safety standards.

# Counting your products

## Contact



Production facility

Customer & Service center

Head office

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Counting and packaging systems