

A completely different approach

The Target Batcher works in two steps. The upper part of the machine has 7 weighing bins and the lower part 14 holding bins, two for each scale. When a piece has been weighed it is dropped into one of the holding bins. The controlling microprocessor then calculates what combination of the available pieces matches the set target weight. The selected pieces are dropped onto a synchronized conveyor and delivered ready for packing.

Pieces that are left unused in the holding bins for extended periods can be automatically rejected and put aside. With this function in use, difficult pieces do not decrease the throughput of the machine. The Target Batcher is an efficient and compact solution for most rework problems.



Batching options

Several batching options are available and can be used in different combinations to make exact pack you need.

TARGET WEIGHT

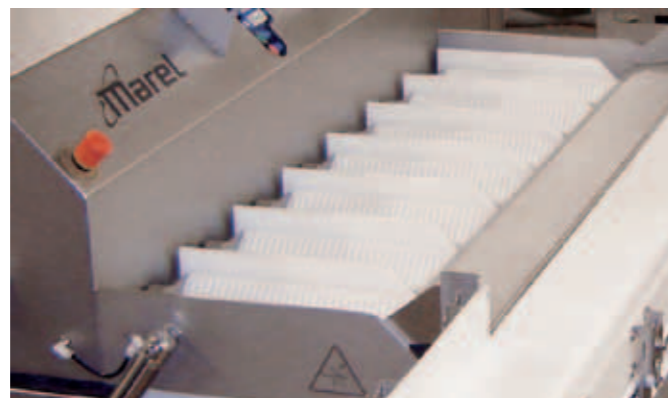
- Absolute minimum
- Minimum average
- E-rule

FIXED COUNT

- A fixed number of pieces in the package can be set

SPLIT PACK

- Up to 3 different products can be batched at predefined ratios into the fixed weight package



Compatible with Innova
- Intelligent production control system

First-class production and packing software

Intelligent production control

Innova provides the complete IT solution for the modern food processor to optimize profits and overall production performance. It covers the complete value chain in the production cycle, from reception of supplies to product dispatch, providing all key performance indicators (KPIs) for each stage and traceability from door to door.



Critical KPIs are closely monitored and controlled in real-time. These include: yields, throughput and efficiency, giveaway and loss of sales, quality, stock levels and movements, traceability and profitability.

Based on a modular design, Innova provides maximum flexibility from small operations to plant wide systems.

The software also supports a wide range of processing equipment from Marel to provide the most integrated processing/IT solution available and open new opportunities in production management.

Main benefits include

- Efficient data collection and reporting
- Overview of main KPI's, such as throughput and overweight
- Equipment control from the PC
- Easy product setups
- Traceability from supplier to customer
- Labeling options



Marel

The world's leading manufacturer of high-tech equipment for the food processing industry.

We are innovative in everything we do and we provide outstanding new solutions and services to the food processing industry in order to create greater value for all our stakeholders.

For further information please visit www.marel.com

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Marel Target Batcher

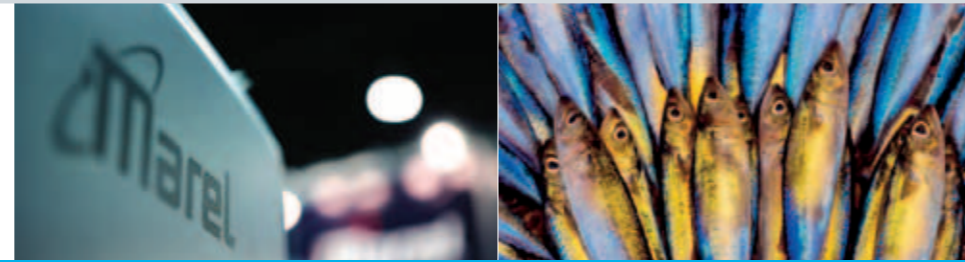
Fixed weight packing



- Accurate fixed weight batches – reduced give-away
- Increased throughput – more efficiency
- Easy to install – easy to use
- Suitable for small or large packages
- Ideal for rework



A unique flexible solution



“ The Target Batcher is ideal for accurate batching into fixed weight consumer packages of almost any size. The need for trimming is eliminated and the pieces are delivered ready for packing. ”

Reduced giveaway

The Target Batcher is a unique weighing machine that can combine a predetermined number of pre-cut pieces into a package of an exact weight. The machine delivers increased throughput and accuracy while simplifying product input. The Target Batcher is the easy way to reduce giveaway. With 7 high-accuracy individual scales and 14 holding bins, the Target Batcher selects the best combination of products in the fraction of a second.

Fixed weight packing

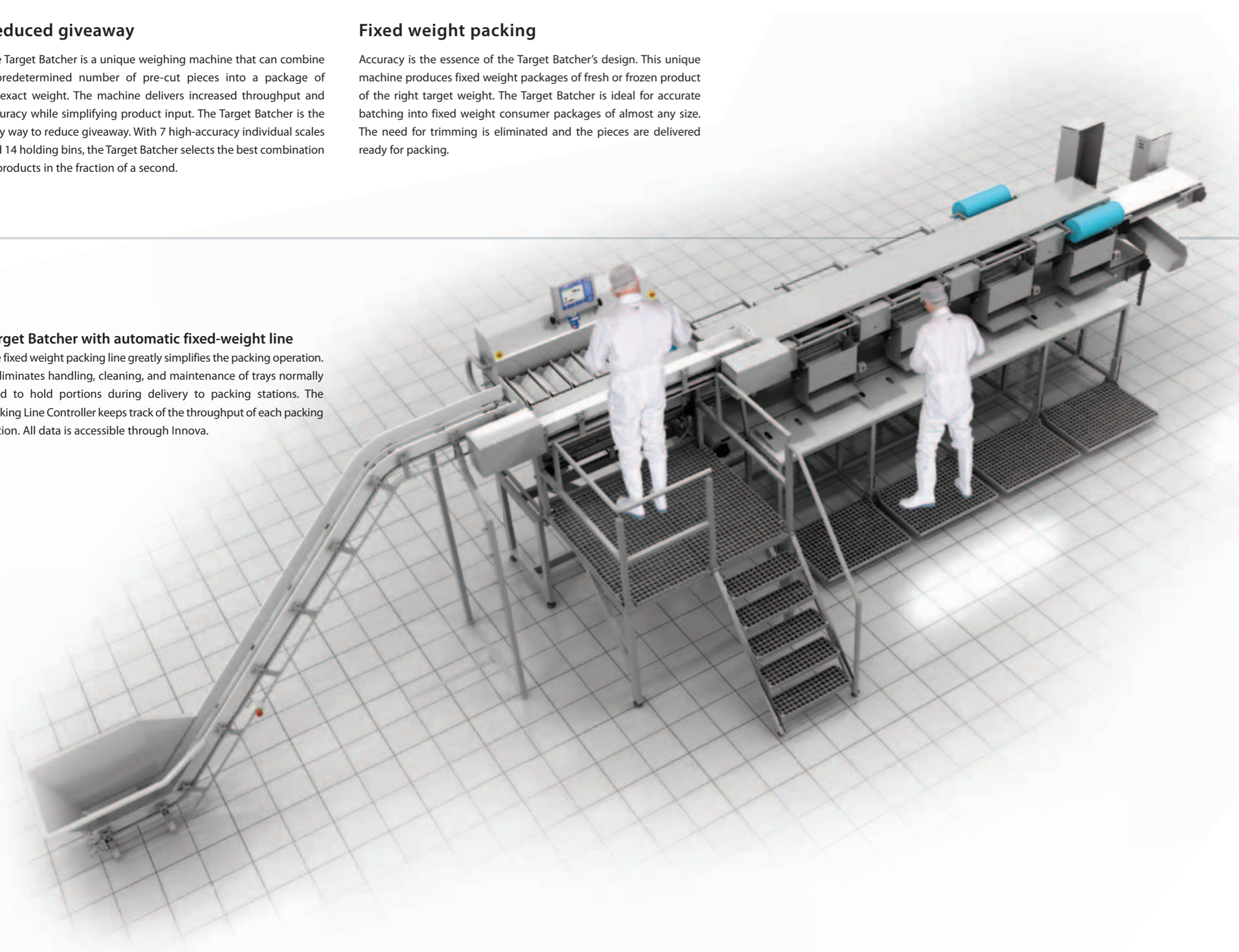
Accuracy is the essence of the Target Batcher's design. This unique machine produces fixed weight packages of fresh or frozen product only. Reliability is gained with IP67 water protection and the selection of first class parts, ensuring a long operational lifespan and durability. The need for trimming is eliminated and the pieces are delivered ready for packing.

Hygienic and reliable

Designed with hygiene in mind the Target Batcher is easy to clean and constructed of stainless steel parts only. Reliability is gained with IP67 water protection and the selection of first class parts, ensuring a long operational lifespan and durability.

Target Batcher with automatic fixed-weight line

The fixed weight packing line greatly simplifies the packing operation. It eliminates handling, cleaning, and maintenance of trays normally used to hold portions during delivery to packing stations. The Packing Line Controller keeps track of the throughput of each packing station. All data is accessible through Innova.



Versions



Target Batcher TB-3000



Target Batcher TBL-3000 for larger products

Fixed-weight packing systems

Target Batcher with manual bagging stations

The Marel Target Batcher can be set up with a variety of packing and bagging stations. Up to 32 stations can be configured on a single lane fed by one or several Target Batchers making it a perfect fit to the capacity of most trimming and processing lines.



Target Batcher with simple packing line

Constant feeding of fixed weight batches to the holding bins at each workstation ensures that no time is spent waiting for a new batch. A sensor system controls the automatic drop of a new batch whenever the worker pushes a finished pack onto the out-feed conveyor.

