

Farmed fish packing

Grading and batching into fixed-weight packs



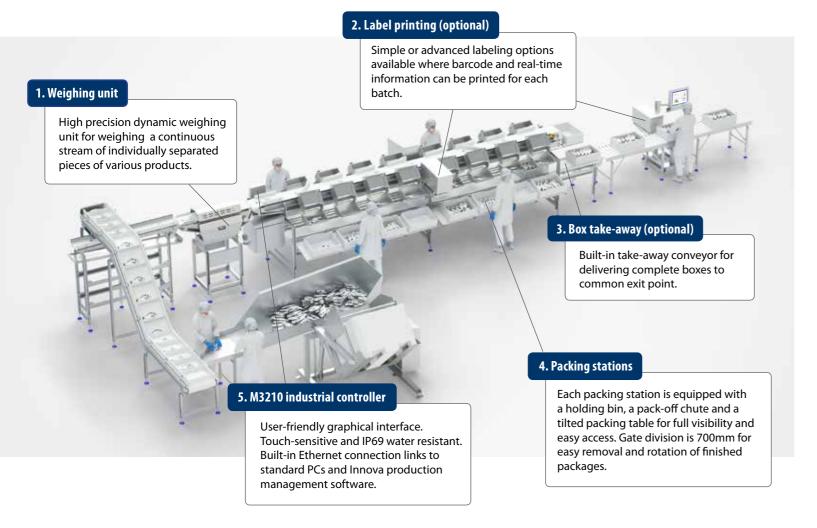
Task-specific solutions at the right price

Fast and efficient grading and batching

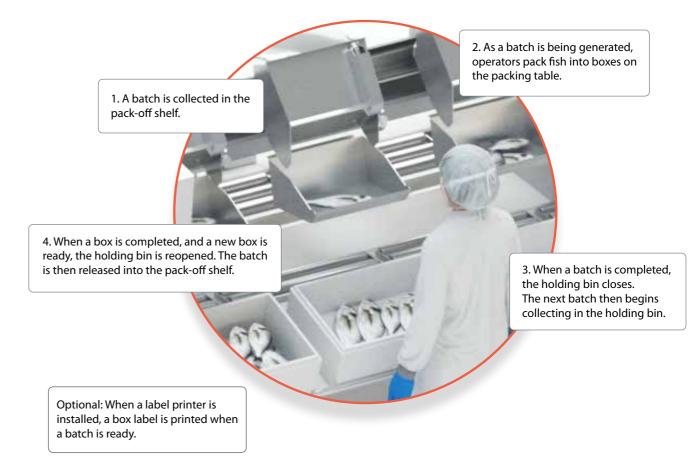
This solution is ideal for receiving small, whole fish such as seabass and seabream for single-operation grading and packing into fixed-weight packs. Combined with the Innova grading module, full feedback reporting of the packing and grading process is available in real time.

Features and advantages

- Precise size & weight grading ensures higher value product
- Reduced labor costs as grading and packing are one operation
- Optional label printing with barcode and real-time data
- · With Innova, yield results are only a mouse-click away



Packing process



Hygienic and easy to clean

The main structure of the grader is non-tubular and has a minimum of horizontal surfaces. It is easy to put the grader into position for washing.

Low maintenance and operational costs

The grader is constructed with high quality components that ensure long life and low maintenance. Operational costs are kept at a minimum with low air consumption, no lubrication, and efficient drum motors. The simple, innovative construction, as well as easy adjustments, keep maintenance costs low.



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Less giveaway compared to manual packing

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Technical specifications

Pack-off shelves and packing table for each gate			
Temperature range	+7C to +40C (+45F to 104F)		
Weighing platform	700 mm		
Dimensions	Belt height: 1650mm +/- 100mm (57" +/- 4")	Belt width: 305mm (12"), effective width 280mm (11")	
Max. raw material	Length: 500mm	Width: 280mm	
Capacity	Throughput up to 125 pieces per minute	Belt speed: 0.8 – 1.8 m/s	
Consumption	Air 80 I/min at 125 ppm		
Power	Voltage 3 x 400 V + N / 3 X 230 v 50/60 Htz		

Options		
Infeed	Simple inline infeed conveyor.	High-speed gooseneck infeed with dual acceleration conveyor.
De-icer work table	Ideal when fish is received in tubs. Tubs can be discharged directly into the de-icer for easy infeed. Small ice pieces and water from the tub pass through the grid at the bottom of the de-icer, feeding only fish to the operator.	
Innova batch labeling	Allows the operator to print labels for each batch created by the grader.	
Innova grading	Allows full reporting and monitoring of the grading process.	

Innova option

The Innova option includes the Innova grading module and label printer(s) in stainless-steel enclosures. The grader is connected with Innova grading software, providing full control and monitoring of the grading operation in real time. The weight of each fish is recorded for reporting and monitoring. A range of standard reports provides detailed information about the grading process for any given period. The system comes with a comprehensive set of pre-defined operations. Additional operations can be customized and connected on site. Labels are tailor-made to meet customer needs, and can be printed from a PC.



Marel is the leading global provider of advanced equipment and systems for the fish, meat, and poultry industries.

With offices and subsidiaries in over 30 countries on six continents and a vast global network of agents and distributors, Marel's expertise in local markets and requirements helps it deliver the best processing innovation for its customers.

Our dedicated R&D teams ensure that we provide the latest technology for all stages of the processing value chain; ranging from single scales to integrated production lines and turnkey systems.

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Food Processing Software