

High-speed grading with extreme accuracy

IQF Portion Grader



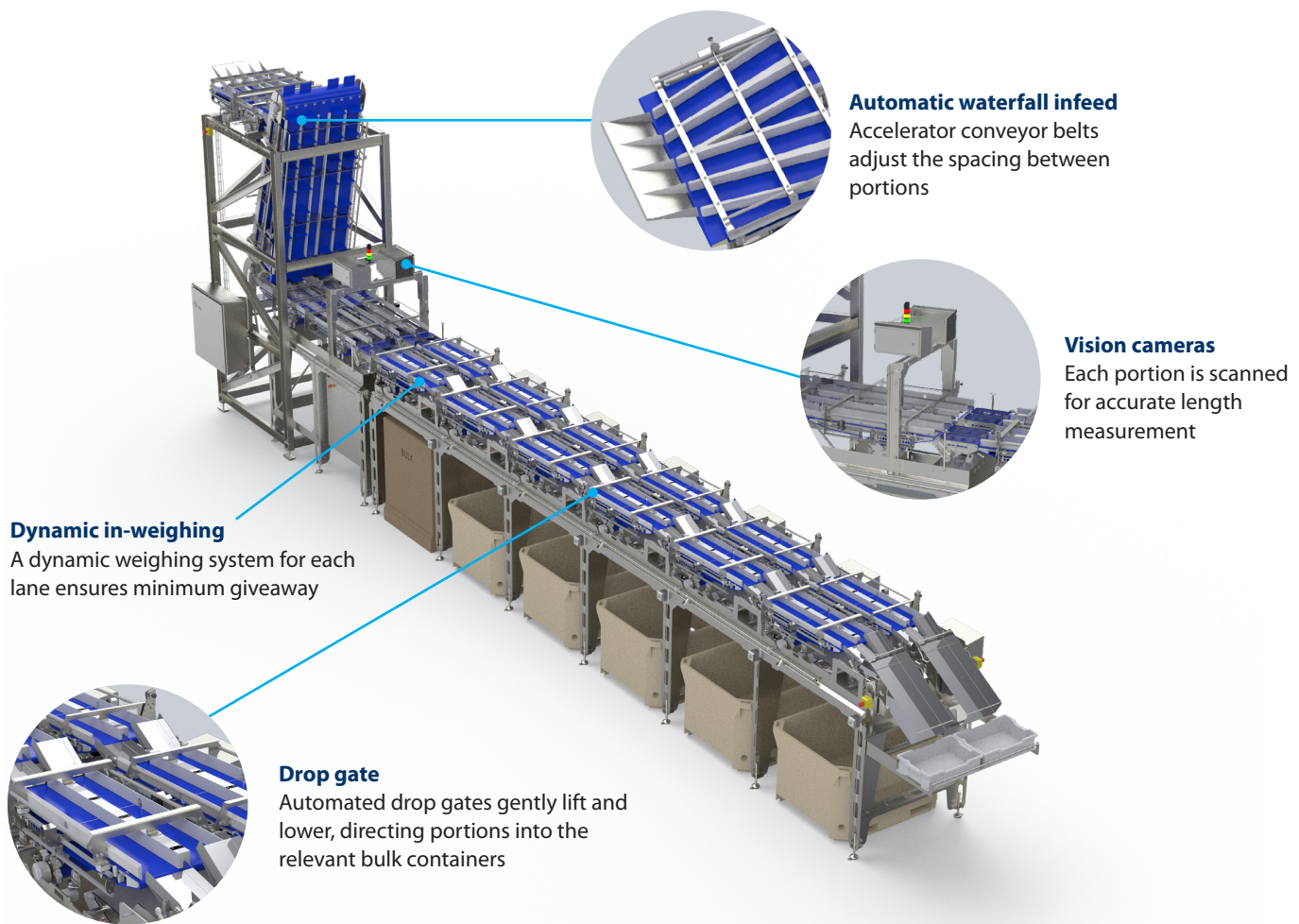
- Throughput of up to 100 pieces per minute per lane
- Accurate grading by weight or length
- Unrivaled target batching with minimal giveaway
- Gentle product handling
- Install as stand-alone or in a full-line integrated system

High-speed grading and batching to bulk bins or boxes

The IQF Portion Grader grades frozen fish products of up to 300 mm in length into multiple product lines for bulk containers. The high-speed multilane grader is available with two or four lanes, each lane providing accurate grading with a maximum throughput of 100 pieces per minute per lane.

Frozen fillets or portions are introduced directly from a spiral freezer. The automatic waterfall infeed automatically adjusts and maintains product spacing as it steers portions to the correct product lane.

The products are individually scanned for length and weighed to ensure accurate assignment with the least possible giveaway. Drop mechanisms lift and lower, distributing portions by weight or length to bulk bins or boxes.



Automatic waterfall infeed

Accelerator conveyor belts adjust the spacing between portions

Vision cameras

Each portion is scanned for accurate length measurement

Dynamic in-weighing

A dynamic weighing system for each lane ensures minimum giveaway

Drop gate

Automated drop gates gently lift and lower, directing portions into the relevant bulk containers

Driven by a passion for sustainability and innovation, we are a global leader in food processing solutions.

