

AI-Powered Grader



Accurate
classification



Individual
biomass
estimation



Data
traceability

AI-Powered Grader

Smarter Flatfish Grading

- FishFarmFeeder's FLATCLASS solution is an advanced grader for flatfish juveniles that combines machine vision, intelligent data processing, and automated biomass estimation to classify fish according to size and provide accurate production insight at the individual level.

It has been designed to help producers improve grading consistency, optimize batch management, and gain access to valuable biological and operational data in real time.

- For every fish processed, FLATCLASS records:
Length (mm) - Width (mm) - Estimated weight



**4 independent
grading channels**



**10 fish per minute
and channel**



**40 fish per minute of
total throughput.**



**Flatfish juveniles with a
maximum width of 12 cm**

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How FLATCLASS Works

Biological Calibration Phase

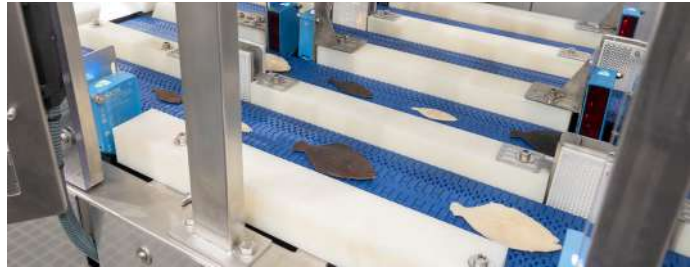
Before grading begins, the user performs a biological calibration to capture the size distribution of the population.

Size Classification Setup

Based on this, the system displays the spread, allowing the user to define three categories: small, medium, and large according to farm criteria.

Automated Grading Operation

Once ranges are set, grading starts. Fish are processed individually through four channels and automatically routed to their destination based on the operator's configuration.



PORTFOLIO

Centralized Feeding Systems

1

HATCHERY

Tailored feeding for optimal early-stage development.



2

PREGROW

Maximize efficiency in the intermediate growth stage.



3

ONGROWING

Ensure efficient grow-out with automated feeding.



Specialized Equipment

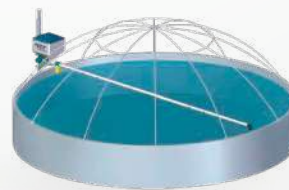
LABS



CAGE FEEDERS



SCREW FEEDERS



LOADERS

