Whole Fish Grader

& Packing System for Salmon

Benefits

- > Optimised operations from order to dispatch
- > Single server controls the entire line with uniform user interface for all operations
- > Hygienic designed to the smallest detail
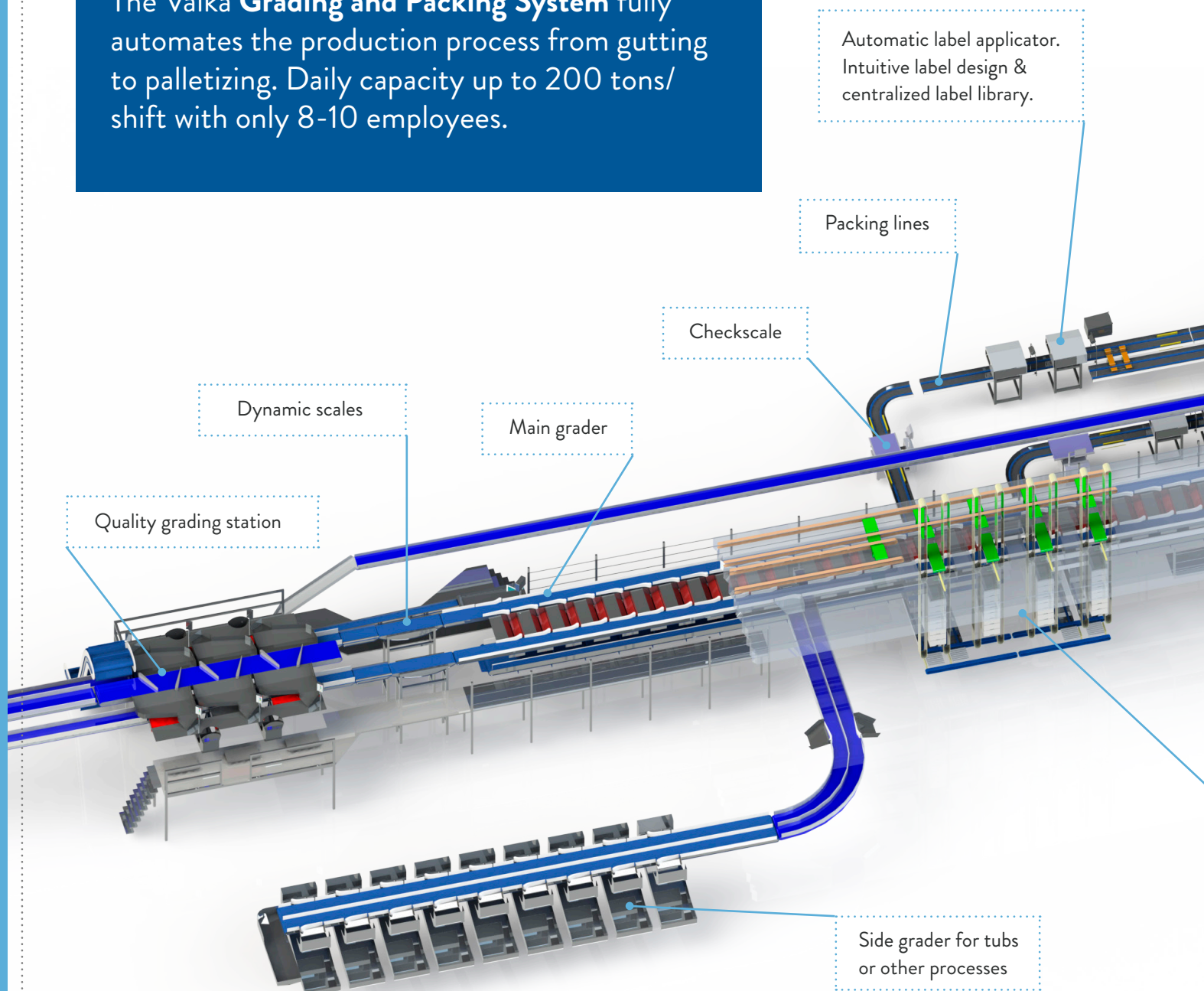- > Real-time graphical process monitoring for all system components

Fully Automated Processing Plant

This fully automated processing system consists of a **Salmon Whole Fish Grader** with daily capacity which can exceed 200 tons/shift, a packing system with automatic label applicators, an icedoser system as well as automatic empty box handling and lid applicators.

The entire system is controlled with the **RapidFish** software from intake to order dispatching.

www.valka.is

Valka

Increased Automation & Work Capacity

The Valka **Grading and Packing System** fully automates the production process from gutting to palletizing. Daily capacity up to 200 tons/shift with only 8-10 employees.

Automatic label applicator. Intuitive label design & centralized label library.

Packing lines

Checkscale

Dynamic scales

Main grader

Quality grading station

Side grader for tubs or other processes

Advanced process monitoring provides actionable insight critical to the production process.

- SCADA graphical overview
- Quick identification of failures as errors & causes are logged
- All sensors, motors, cylinders, scales can be monitored
- Monitors throughput of gutting machines, amount in storage tank, temperature etc.

Optimized Operations
From Order to Dispatch

Icedoser system.
Optional camera system
for advanced product
documentation.

Lid applicator

Strapping machines

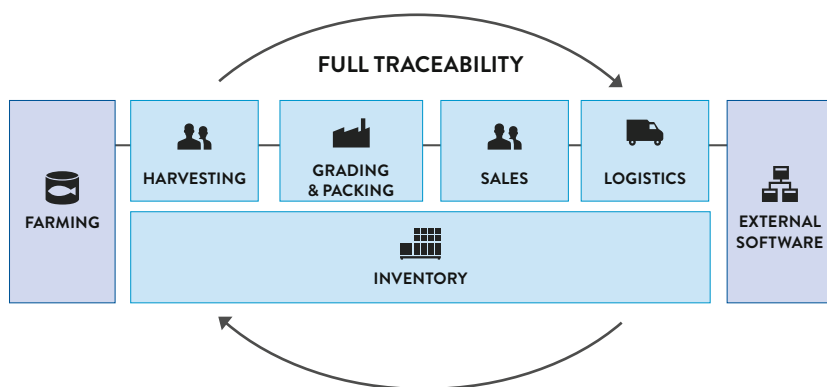Empty box storage & system

KEY GRADER FEATURES

- 60-70 fish/min per lane

- Automatic gate assignment

- Throughput regulation

- Optimization of box utilization

- Simultaneous packing to multiple box types

- Advanced error reporting

- Informative reports for optimizing throughput

- Advanced product distribution

Hygienic Design To The Smallest Detail

- All components in direct contact with the fish are electro-polished and other steel is acid cleaned (pickled) for optimum resistance to corrosion and ease of cleaning

- Extent of horizontal surfaces are minimized by having angled circular steel pipes

- Rinsing nozzles are placed on all belts & drip pans under conveyors with hoses to the nearest drain

- Washing mode on the grader to facilitate cleaning

RapidFish comprehensive production control & order management

The Valka **RapidFish** software manages the entire order and production process. From harvesting the fish, grading and packing, inventory control to dispatching the products. **RapidFish** is designed to enhance automation at each stage while providing an advanced traceability system to meet the demanding needs required by today's marketplace. **RapidFish** offers consistent information source to manage, maintain and analyze the ordering and processing operations of your business.
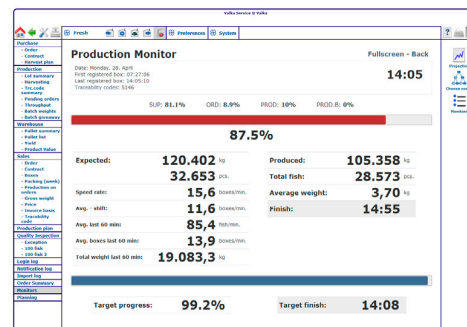
RapidFish incorporates an easy-to-use browser interface and the user doesn't need to install any application on the computer. The system provides total visibility of all operations and quick access to management information for total control and decision making.

❝ Quotes

"We're continuously collaborating with Valka on enhancing and streamlining the production process to be able to produce more than 300 tons pr. day. Today the efficiency is very good and we see decrease in the cost of production."

Börkur Árnason, Factory Manager
Cermaq Norway AS

"We need to be quick to respond if the harvesting is not as expected or if orders are changed. The Valka system is user friendly and gives us great oversight of the production so we can easily adapt to the market demand"

Ole Johan Eilertsen, Development Manager
Slakteriet AS

About Valka

Valka specializes in developing and marketing of equipment and automation solutions for the fish processing industry.

The company offers a range of equipment and software designed to greatly increase productivity, improve yield and maximize accuracy for fish processors small and large. From a single machine, or software module, to your complete system solution.

Using only high quality material and components our products are created with quality craftsmanship aimed at improving processing and product quality.