SIME-TEK
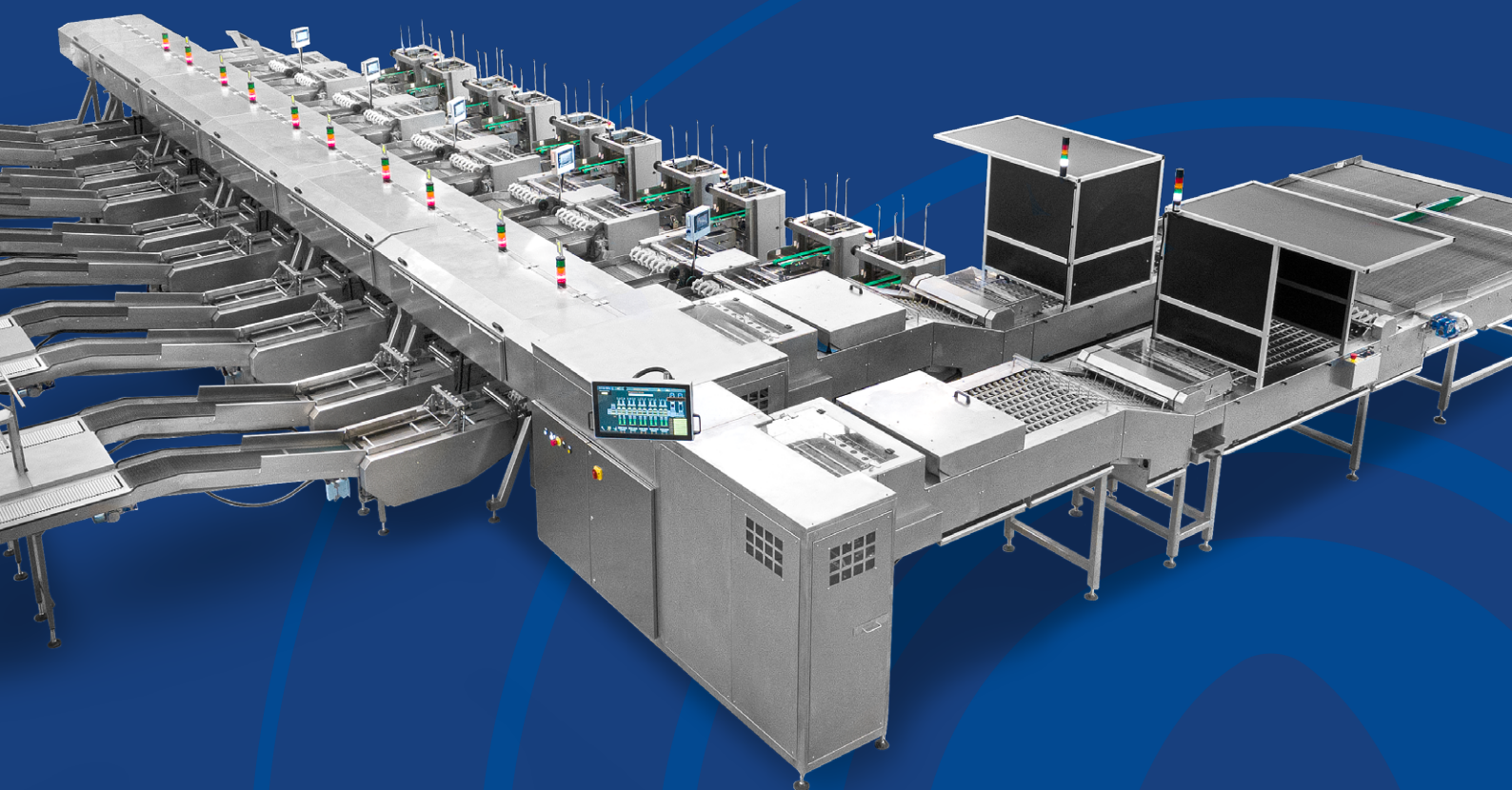
Sirio 90

Sime-tek's unbreakable simplicity,
finally available in higher capacity

CAPACITY
90.000 eggs/h
250 cases/h

PACKERS
**From 8
packing lines**

OPTIONALS
**Full set
of optionals
available**

SOFTWARE
**Customizable
and fully
integrated**

Keep it simple
for eggs

1

Simple

Easy to operate like a smaller grader, no overcomplicate technology engineering. All the needed functions and technology for today's standards, **without any of the unnecessary complications**. For this reason no need for specialized knowledge/training to operate, and most important, to maintain and troubleshoot.

2

Safe

Double infeed concept, it's like having **two machines in one**. Any stops, whether for regular production dynamics or unexpected challenges, **you are never in full stop**.

3

Efficient

Thanks to Sime-Tek's unique packing lines working concept, this machine can **guarantee the highest efficiency ever** on machines of this capacity.

4

Operational Cost

Significantly more stainless steel than plastic, with far fewer plastic moving parts, very simple mechanical functioning, DIY maintenance that can be performed by the average operator, Sime-Tek's lifetime free remote support – guarantees the highest production efficiency at the lowest operational cost in the industry.

No profit on
spare parts or service

Spare parts and maintenance are not a business for us. A machine should be able to run and be repaired immediately on-site by the customer. Our machines are built for maximum functionality and easy maintenance, anywhere, anytime, by anyone.

EGG GRADER

Sirio 90

FULLY AUTOMATIC ELECTRONIC SYSTEM FOR EGG GRADING & PACKING BY WEIGHT WITH A CAPACITY OF 90.000 EGGS/HOUR.

Main Features

95%
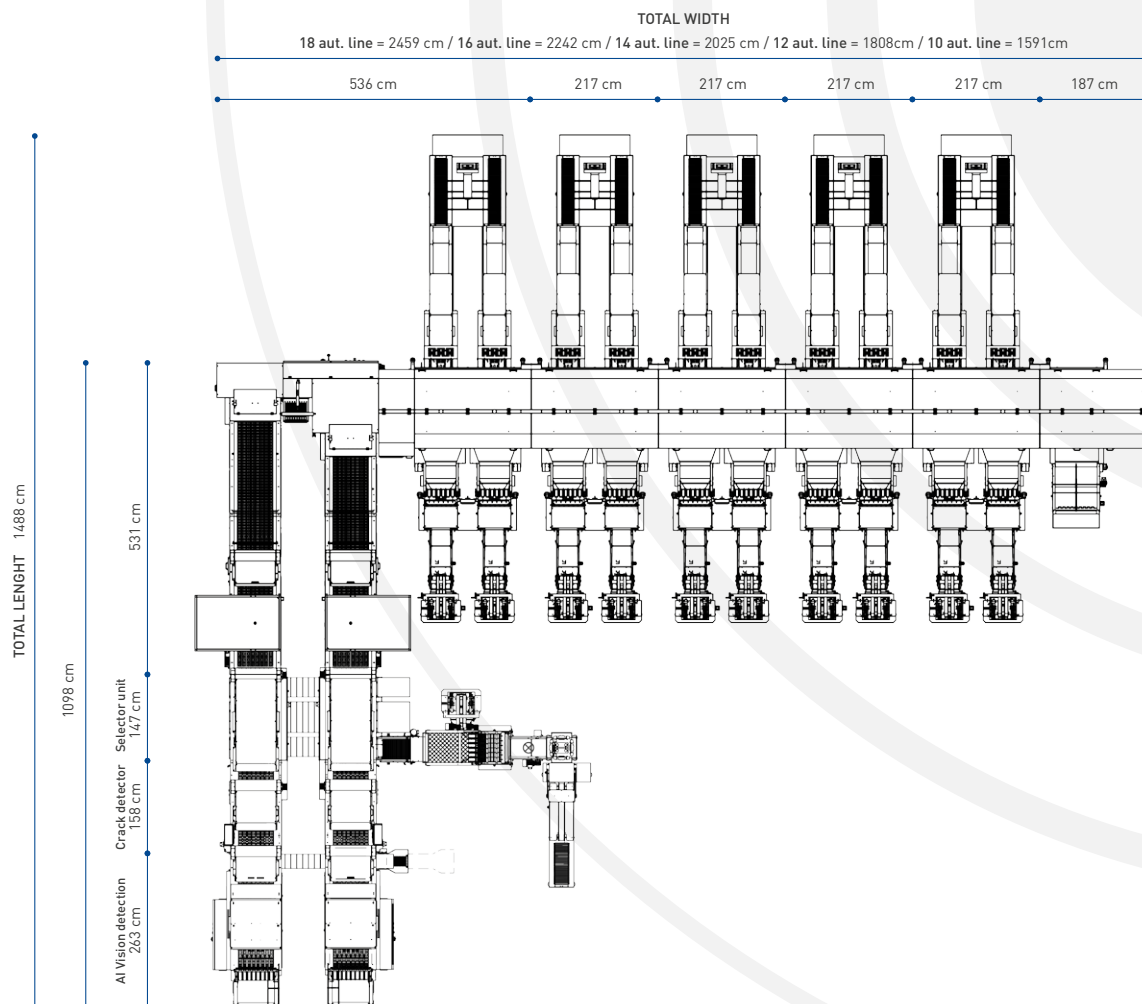Stainless steel components

8
Average number of operators needed

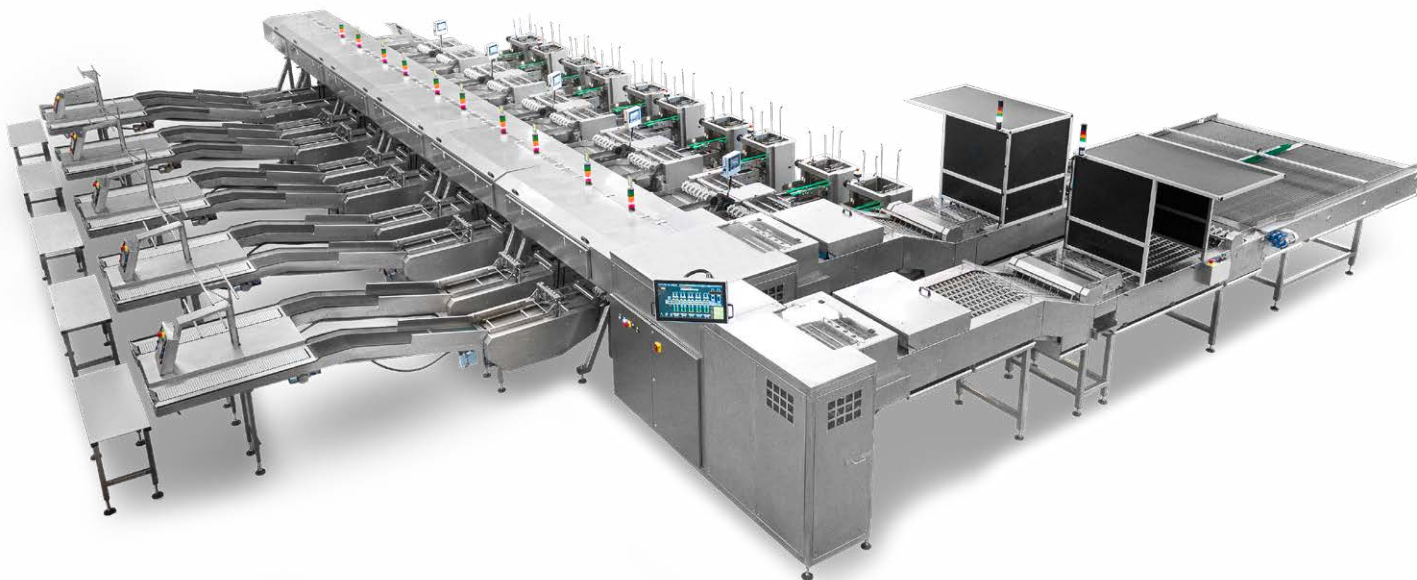**500K**
Average size of flock for this machine

∞
Lifetime remote service included

Layout

TOTAL WIDTH
18 aut. line = 2459 cm / 16 aut. line = 2242 cm / 14 aut. line = 2025 cm / 12 aut. line = 1808cm / 10 aut. line = 1591cm

536 cm   217 cm   217 cm   217 cm   217 cm   187 cm

TOTAL LENGHT   1488 cm
1098 cm
Selector unit   531 cm
Crack detector   147 cm
AI Vision detection   158 cm
263 cm

EGG GRADER

Sirio 90

Full optionals set, AI Vision Detection and complete division of defected eggs

Thanks to the modular design system, you can adapt the machine to your precise needs at any time. The powerful AI Vision Detetion system guarantees that you always have only the best of your production quality, and can remove all the defected eggs before they enter into the machine stream.

Optimized productivity with integrated and customizable software

Sirio 90 features a fully integrated, customizable software solution that optimizes egg grading and packaging. It allows operators to monitor key parameters like speed and weight, ensuring efficient handling of various egg categories. With robust reporting and seamless integration options, the software enhances productivity and traceability.

Simple transfer

Simple one-to-one timing for transfer to the distribution chain.

Automatic Packing Lines

High-speed, gentle egg handling, and universal packaging.

Delicate deposit

Highly reliable solenoids, smooth brushes and soft rotating star wheels for a delicate flow of eggs.

AI Vision Detection

Highly powerful AI system, capable of detecting and sorting all types of defects, adapting to your exact type of production.

Accessible mechanics

Every part of the machine is easely accessible for cleaning and intervention during the work flow.

SIME·TEK

www.Sime-Tek.com