

SANOVO OPTILOADER 6C

Automatic egg loading machine

150 cases/hour (54.000 eggs/hour)



The new OptiLoader 6C, designed for use with egg graders and egg breakers. The OptiLoader 6C employs all the technical features of the successful SANOVO OptiLoader range, with the added functionality of spreading of eggs to the grader infeed. The OptiLoader 6C is designed to

handle a combi set up, where eggs are arriving both inline and offline on trays.

FLEXIBLE TRAY AND EGG LOADING

The SANOVO OptiLoader concept has been optimized to handle the daily change in egg quality, tray size and shape. The loader handles any type of plastic or paper tray on the market and eggs from 40 grams to 80 grams without any complication.

GENTLE INFEEED AND DESTACKING

A gentler handling of eggs has been ensured by using electronically controlled servo gear motors with optimized acceleration and deceleration of all movements. The rotary design of the loader has made it possible to reduce process speeds by 50% compared to other loaders on the market, which together with the servo technology provides a gentler handling of eggs compared with old fashioned loaders where transfer and movements are controlled by traditional chains.

TWO STEP BLOW BACK SYSTEM PREVENTS BLOCKING

The two-step blow-back system prevents blocking of suction heads. A new loader head has been designed for optimizing delivery of eggs and cleaning of nozzles. The eggs are delivered by a low vacuum followed by low pressure to release the eggs gently onto the roller conveyor. After one second the nozzles are cleaned by high pressure air to prevent blocking in the vacuum before the next egg pick up.

HIGHEST OPERATOR SAFETY IN THE INDUSTRY

The SANOVO OptiLoader has the highest operator safety in the industry. All risk areas are fully enclosed by fences or doors with safety switches. All fences are incorporated in the machine design

REDUCED WEAR AND TEAR

Mechanical wear is reduced by 4-5 times due to the latest technology, including self adjusting servo-controlled gear motors resulting in no stretched chains and no worn cams.

100% CLEANABLE CIP SYSTEM (OPTION)

The only CIP cleanable loader in the industry. All internal parts of the SANOVO OptiLoader 6 C can be CIP cleaned automatically. Reduced manpower and water requirements due to collection and recycling of CIP liquids.

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FEATURES

- Less egg loss in process due to gentler handling of eggs (10-30% reduction depending on egg quality)
- Less downtime due to increased egg / tray handling flexibility
- Less downtime due to reduced maintenance (20% reduction)
- Less time for cleaning due to the optional integrated CIP system
- Flexible configurations and compact size
- 100% Stainless Steel

SAFETY AND SERVICE

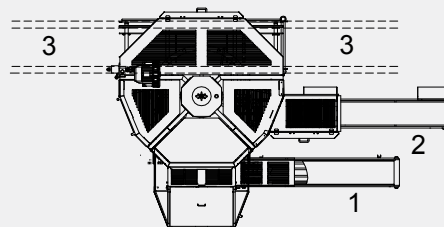
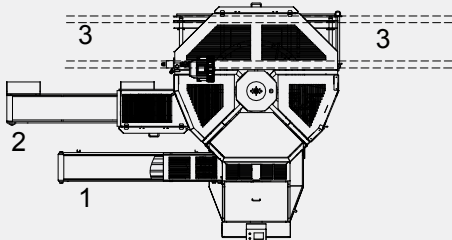
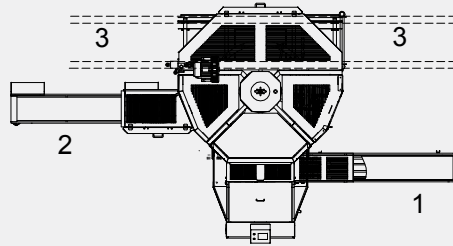
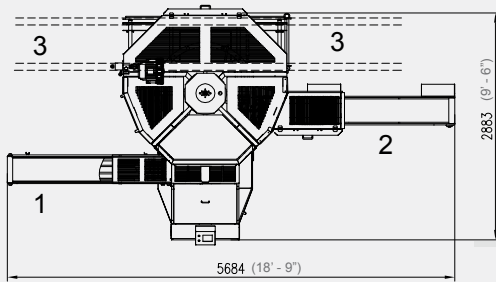
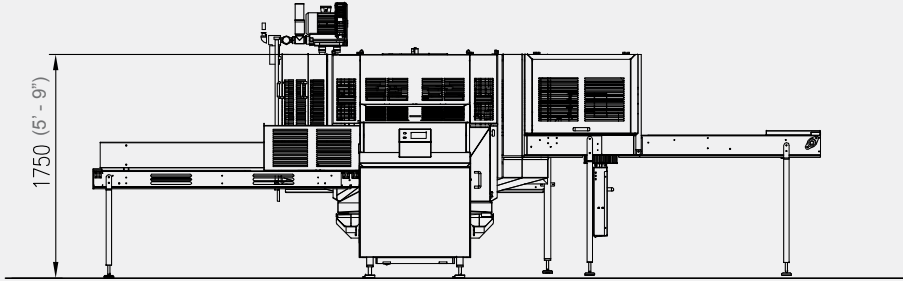
All SANOVO products and systems are designed to meet the industry safety standards.

A comprehensive service organisation is always available to assist in the selection of the right maintenance programme or individual spare part.

The Optiloader 6C has a small footprint and with its' flexible design, it can be placed in almost any configuration.

Component explanations:

1. Infeed tray stack inlet
2. Empty tray stack / stuck egg outlet
3. Roller table egg outlet



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