

# STAALKAT ALPHA GRADER

*70, 100 and 125 cases/hour  
(25.200, 36.000, 45.000 eggs/hour)*

The new STAALKAT Alpha egg grader is available inline directly from the production units, off line with an automatic loader or a combination of inline and off line. This allows eggs from other production sites to be packed at the same time or separately. The STAALKAT Alpha is available in three capacities 70, 100 and 125 cases per hour or 25,200 36,000 and 45,000 eggs per hour. Modular in design, the frame can be extended to allow for future lane expansions, and the Alpha 70 and 100 can be upgraded to 100 and 125 cases per hour capacities.

The STAALKAT Alpha configuration can include an egg washer and drier for washed egg markets or a standard infeed with optional UV lights to sanitize the incoming eggs. The stainless steel infeed conveyor rollers are cleaned during production with a dry brush system. The same conveyor can be washed down at the end of the production day. The mechanical components, bearings and motors are designed with a very open architecture and for very easy cleaning. Electrical components are placed in a separate stand alone electrical cabinet away from the grader.

The candling lights on the infeed are also wash down and provide proper lighting to see all egg defects. Optional electronic crack detection is available that will identify even hairline cracks for rejection or separate packing. The sonic crack detector has no complicated moving parts and is wash down along with the STAALKAT dynamic weighing scales.

Eggs are very accurately weighed to give the producer the maximum weight for each egg. Off grades are weighed but then pass directly to a unique separate lane without the need to load and transport to the automatic packers. This reduces the overall machine foot print and maximizes the packers flexibility and output. All the hand pack and packer reservoirs are quickly detachable for high pressure cleaning, to meet the hygienic demands of today and the near future, a STAALKAT only feature.

The graded eggs are transported gently through the frame to the packers where they are individually oriented and lowered gently into the packing material that has been automatically denested. Each packer reservoir allows the operator to take a final look at the eggs before packing and carton closing. It also allows a previous package of graded egg to be added back in to the flow for repacking if necessary. This is a particular advantage if eggs are printed and need to be repacked. Cartons are closed and dated as required for each specific egg market at the packing location before loaded into cases or trolleys.

The overall low profile Alpha design allows all of the machine operators to see each other maximizing communication, efficiency and minimizing labor requirements. The STAALKAT Alpha design is based on the global experience STAALKAT has gained from their higher capacity Ardentia egg graders combined with the experience their sister company SANОВО has in the harsh cleaning requirements of the egg processing industry.



The Alpha Line is a robust and reliable egg grading system designed for egg producers that require a mid range capacity, want to pack specialty eggs, or need the flexibility to the business and egg markets.

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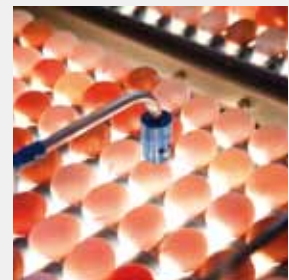
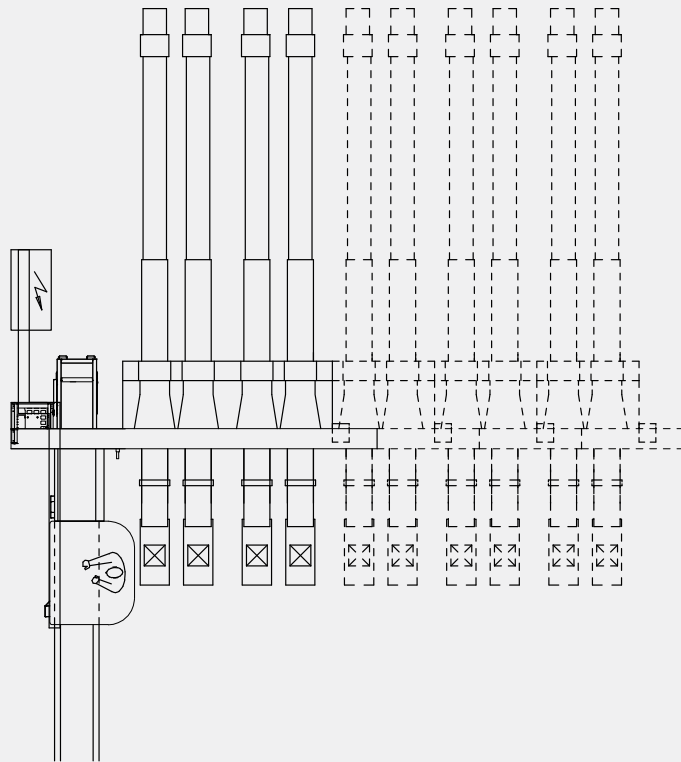
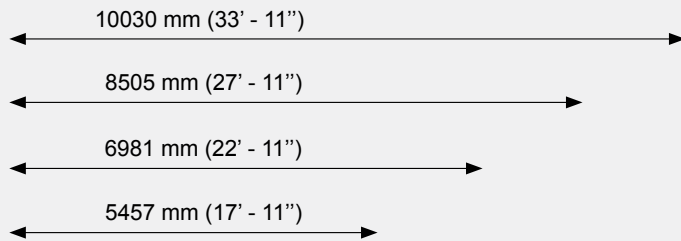
## FEATURES

- Washable infeed/loader, crack detector and dynamic weighing scales
- Large multimedia information screens
- Stainless steel construction
- Individual lanes helps ensure continuous operation
- Reversible packing lanes
- Detachable and washable reservoirs
- Unique detachable and washable off grade lane
- Modular design, expandable frame
- Upgradeable

## SAFETY AND SERVICE

All STAALKAT 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.



ALPHA FAMILY

Cases / hour	Eggs / hour	Loader type	Grader type	Lane
70	25.000	SL105/6	Alpha 70	4-6 lanes
100	36.000	SL105/8 or Optiloader 6 C	Alpha 100	6-8 lanes
125	45.000	Optiloader 6 C	Alpha 125	8-10 lanes

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