

GEA OPTILOADER 6000 / 5000

Seamless Thermoformer Integration and a Gentle Touch.

OptiLoader sets new standards for seamless line integration and ensures maximum output quantities while minimizing the footprint of a complete GEA slicing, loading and packaging line. This new belt loading system is placed between a slicer and a GEA thermoformer to transport portions, prepare them for the matrix of a packaging die set, and buffer the reloading time of a slicer to avoid any machine stoppages of the complete line. Portions are transported in gentle manner to maintain accuracy and portion quality until they are safely enclosed into the pack. The modular design ensures easy customization and cost-effective maintenance. The OptiLoader 6000 offers excellent access to the side covers of the thermoformer and its new safety

cover concept provides a temperature shield and dust protection as well as ensuring safe operation. This cutting edge belt loading system is specifically designed to be incorporated with a GEA thermoformer. So close is the integration, in fact, that you might not even notice it in the line!

GEA OptiLoader 5000

While the 6000 model is designed to integrate seamlessly with a GEA thermoformer, the OptiLoader 5000 has all the same features but on a conventional frame which can slot into your existing setup.

Benefits

GEA OptiLoader 6000

- Smart buffering design reduces stoppages of the complete line
- High portion quality and accuracy
- Unbeatable integration with GEA thermoformer equipment
- Minimal footprint – and no extra cabinet in buffer area
- Excellent access to side covers of the thermoformer
- Modular design for easy customization and cost-effective maintenance
- Multiple stacking and multi-layer loading options
- New safety cover concept provides:
 - Safer operation
 - Temperature shielding
 - Protection for packaging machine and heating area from dust

Technical Data GEA OptiLoader 6000

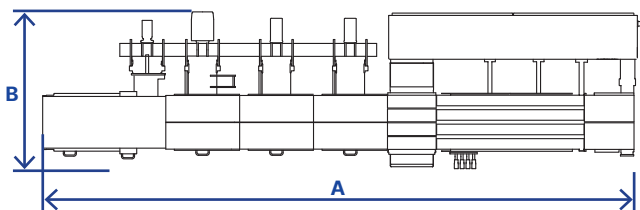
- Machine frame incl. adaption for buffer and loading belt
- For index length up to 1,000 mm
- Spreading conveyor 1 – 4 lanes with manual adjustment
- Optional line diverger with 2 mandrels or 2 to 3 diverging
- Aligning conveyor 1 – 4 lanes
- Available buffer belt lengths 500 / 750 / 1,000 mm
- Max. film widths up to 590 mm
- Correction belt optionally in a short or with a second belt for extended version available
- Optional separate GEA SmartControl HMI

GEA OptiLoader 5000

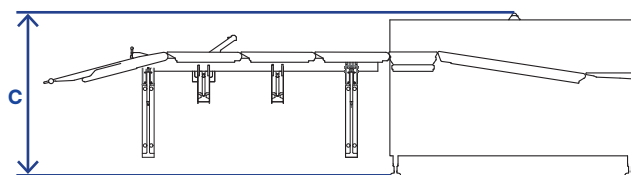
Functional benefits same as OptiLoader 6000 but it can be integrated with all kinds of thermoformers.



Dimensions



A	B	C
6,092 mm	1,596 mm	1,648 mm



GEA One Line Concept

To maximize productivity and sustainability while minimizing costs the GEA One Line concept creates a single fully automated line in which all components work in perfect harmony – as one. This results in higher capacity per square meter which reduces operating costs while giving sustainability benefits in terms of power consumption. Overall Equipment Efficiency is

increased while making better use of existing floor space. And lines or standalone units can be precisely configured to your individual needs based on a 'toolbox' of available options. Not only easier to operate, a GEA One Line is also easier to maintain thanks to a modular design that shares key elements and spare parts across the different sections of the line.

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