



# GEA POWERSORT 6000

Maximum Control, Maximum Integration, Minimal Fuss.

PowerSort is an innovative separating and sorting system which – thanks to GEA's modular design – can be configured exactly to customer requirements. This combined lane converger and package rejector features a single pack, pick-and-place system and multi-lane converging system for end-of-line applications. Its purpose is to automatically sort 'good' food packages produced by thermoforming packaging machines from 'bad' ones. Any empty or defective packages can be re-

jected in a controlled way with high reliability and efficiency. PowerSort can be controlled by the GEA SmartControl HMI. In line with the GEA One Line concept it is highly integrated – both mechanically and electrically – with our new optimized GEA thermoformer. Sharing common parts with the thermoformer and other automation equipment – such as the frame or the belt design – makes servicing quicker, easier and more cost effective.

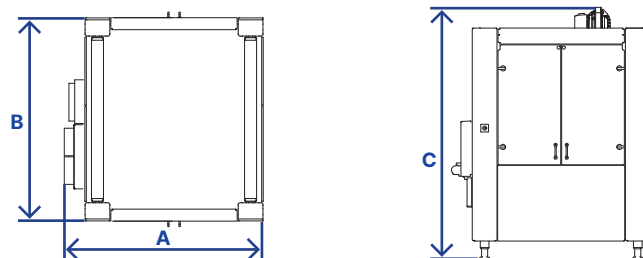
### Benefits

- Maximum control over defective packaging for more reliable line performance
- Unbeatable integration with GEA thermoformer equipment
- Easy to operate using GEA SmartControl HMI (no extra panel required)
- Optimum efficiency due to harmonization with GEA thermoformer
- Minimal footprint thanks to seamless integration
- High performance gripper head is lighter and quicker to exchange than ever
- 2D- kinematics for pick and place
- Up to 36 separate vacuum circuits
- Vacuum system via integrated pump
- Optional turning function +90° / -180°
- Standard rejection of empty and bad quality packages
- Optional separate rejection of bad quality packages
- Optional separate GEA SmartControl HMI

### Technical Data GEA PowerSort 6000

- Available frame width for base width 460 / 560 mm or 700 mm
- Available frame lengths for index length up to 600 / 850 / 1,100 mm
- Feeding belt for index length up to 850 or 1,350 mm
- Transport conveyor 1 or 2 lane execution
- Outfeed conveyor 1 or 2 lane execution

### Dimensions



A	B	C
1,962 mm	2,103 mm	2,478 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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