EMP SERIES

EMP-25

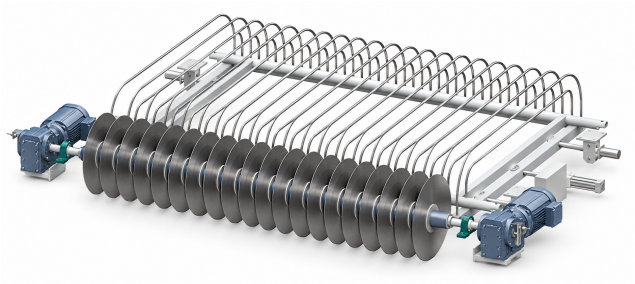
Automatic Bag Emptying System

Automated complete-layer emptying of palletized industrial bags.



CAPACITY	EMPTYING METHOD	HANDLING MOTION
Up to 120 layers/hour	**Complete layers**	**Pallet lifting**

Product Overview



EMP-25 handles and empties complete palletized bag layers. Pallet lifting during gripper operation shortens the emptying cycle and supports higher throughput. Material is discharged to downstream equipment.

CAPACITY

Up to 120 layers/hour

APPLICATION RANGE

Plastic pellets / granules • Coarse powders • Fertilizer / feed • Food / feed additives • Mixed bagged materials

BAG MATERIALS

Woven PP, PE, paper and laminated bags

Four core advantages

01 Complete-layer emptying

Bag layers are handled, opened and emptied as a complete layer for automated unloading.

02 Downstream discharge

Emptied material feeds conveying, storage, hopper or processing equipment.

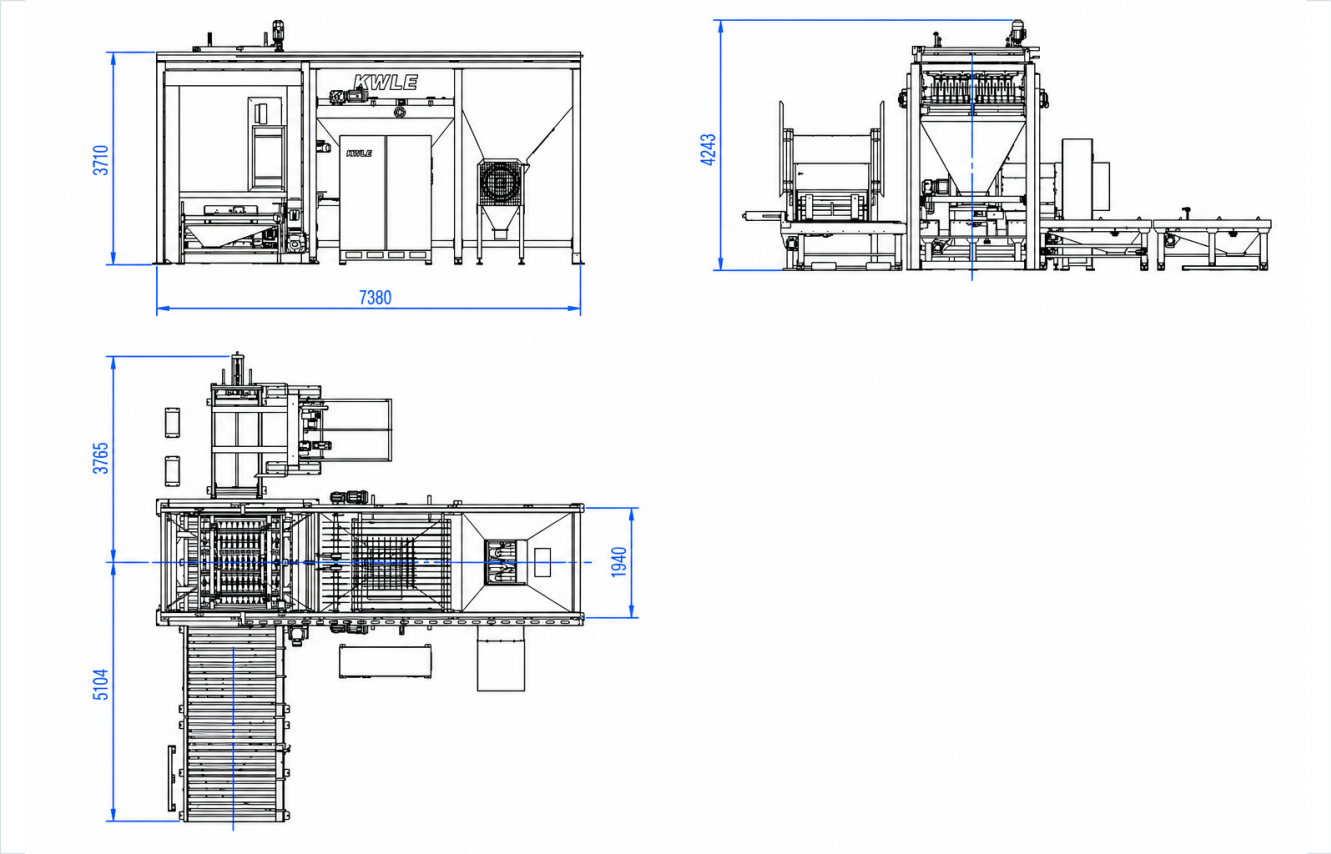
03 Empty bag collection

Empty bags are collected after emptying to reduce manual handling.

04 Empty pallet recovery

Empty pallets are recovered and stacked according to the line layout.

Typical Configuration Dimensions



Technical specifications

EMPTYING CAPACITY
Up to 120 layers/hour

EMPTYING METHOD
Complete layer bag emptying

HANDLING MOTION
Pallet lifting

OPERATING METHOD
Automatic bag emptying

BAG WEIGHT / PALLET PATTERN
Project-specific

CONTROL SYSTEM
PLC-based with operator interface

BAG TYPES
Woven PP, PE, paper and laminated bags

MATERIAL DISCHARGE
Downstream conveying, storage or processing

BAG / PALLET RECOVERY
Empty bag collection / pallet stacking

POWER SUPPLY
380/400V, 3PH, 50Hz (other voltages available)

AIR SUPPLY
5.5–6 bar compressed air

Configuration & support

Optional configurations

- Dust collection connection
- Empty bag collection / compaction
- Empty pallet handling layout
- Conveyor / silo / hopper interfaces
- Safety guarding
- Full stainless steel construction

Main component configuration

Pallet lifting during gripper operation supports a shorter complete-layer emptying cycle. Bag opening, material discharge, empty bag collection and pallet recovery are configured for the project.

Service support

KWLE provides technical consultation, installation guidance, commissioning support, operator training, spare parts supply, remote troubleshooting and long-term maintenance support.

Line integration

EMP-25 can discharge to downstream conveying, storage, hoppers or processing equipment. Dust collection connections, bag compaction, pallet handling and guarding are selected according to project requirements.

Configuration & performance disclaimer

Capacity depends on bag size, pallet pattern, material behavior, emptying stability and downstream capacity. Bag weight and configuration are project-specific. Equipment dimensions follow the supplied drawing.

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