KAP SERIES

KAP-1140

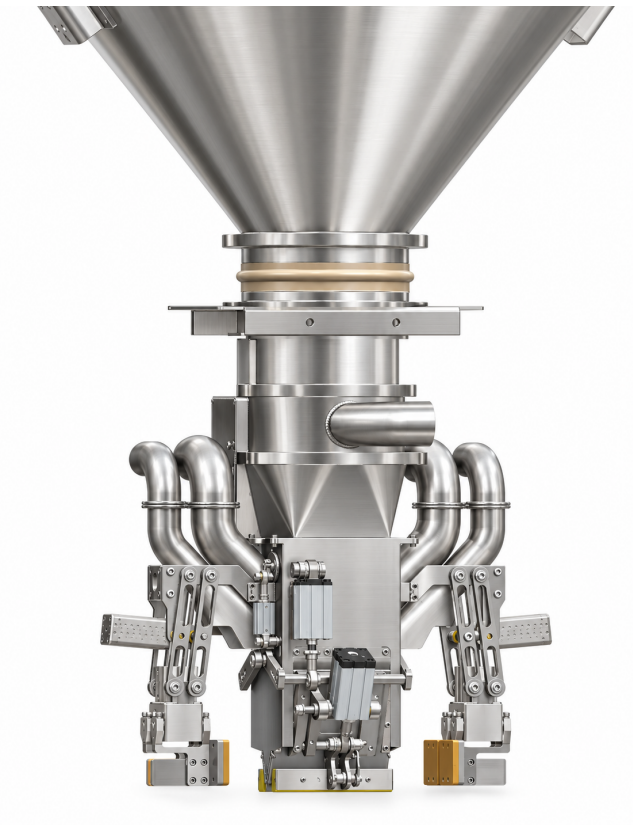
Automatic Open-Mouth Bagging System

Open-mouth bagging for granular, flake and similar free-flowing bulk materials with a small proportion of fines.



CAPACITY	WEIGHING ACCURACY	BAG WEIGHT
Up to 1400 bags/hour	±0.2% (2σ)	10–50 kg

Product Overview



KAP-1140 is an automatic open-mouth bagging system coordinating automatic bag placing, weighing and feeding, filling, bag closing and downstream conveying for industrial bagging lines.

CAPACITY

Up to 1400 bags/hour

APPLICATION RANGE

Sugar • Animal feed • Rice • Seeds • Plastic pellets • Fertilizer

BAG MATERIALS

Paper, PE, laminated and non-laminated woven PP

Four core advantages

01 Versatile bag handling

Adjustable filling spout for different open-mouth bag sizes and compatible bag materials.

02 Stable automatic operation

Automatic bag placing, detection and controlled transfer coordinate filling, closing and conveying.

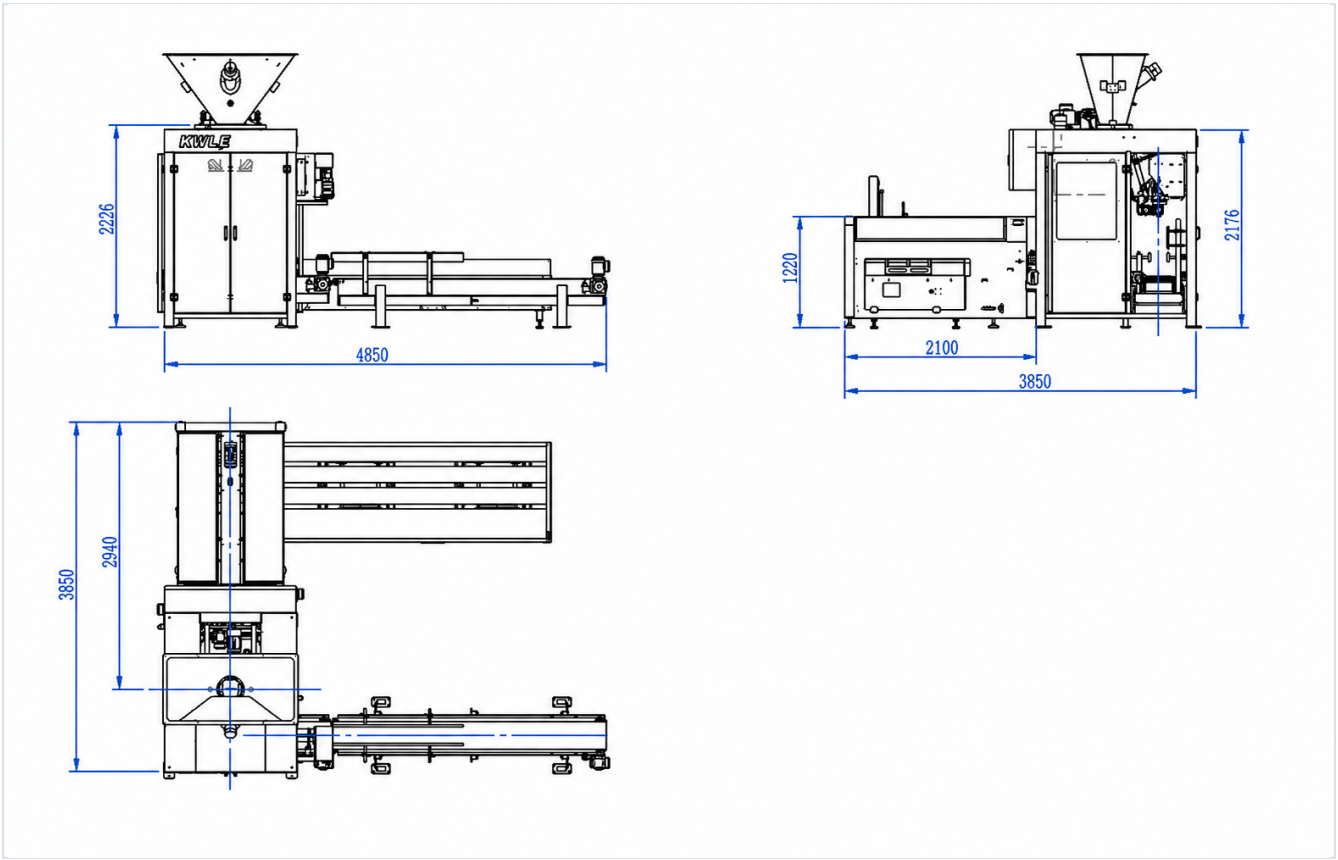
03 Weighing and feeding

Net weighing with gravity, belt or screw feeding selected for material characteristics and capacity.

04 Operation and maintenance

PLC controls with operator interface, access for cleaning and service, and modular line integration.

Typical Configuration Dimensions



Technical specifications

CAPACITY
Up to 1400 bags/hour

WEIGHING ACCURACY
±0.2% (2σ)

BAG WEIGHT RANGE
10–50 kg

BAG LENGTH
550–1150 mm

BAG WIDTH
380–580 mm

PACKAGING TYPE
Automatic open-mouth bagging

BAG MATERIALS
Paper, PE, laminated and non-laminated woven PP

BAG TYPES
Gusseted, gusseted flat bottom, and pillow bags

CONTROL SYSTEM
PLC-based control with operator interface

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

AIR SUPPLY
5.5–6 bar compressed air

Configuration & support

Optional configurations

- Full stainless steel construction
- Product deaeration / bag settling
- Bag turning / flattening / shaping
- Weighing / feeding configuration
- Dust collection connection
- Sewing / heat sealing systems
- Quick adjustment for bag sizes
- Coding / printing interface

Main component configuration

Automatic bag placing, bag detection, adjustable filling spout, net weighing and controlled bag transfer are coordinated by PLC controls. Gravity, belt or screw feeding is selected according to material characteristics and target capacity.

Service support

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

Line integration

KAP-1140 can connect with bag closing, conveying, check weighing, metal detection and palletizing modules. Complete line layout is configured according to plant space and downstream automation requirements.

Configuration & performance disclaimer

Final capacity and configuration depend on material characteristics, bulk density, target bag weight, bag specification, feeding and weighing methods, closing method, plant layout and downstream automation. Final project data requires engineering confirmation.

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