MULTIFORMAT AUTOMATIC BAG PALLETIZING LINE

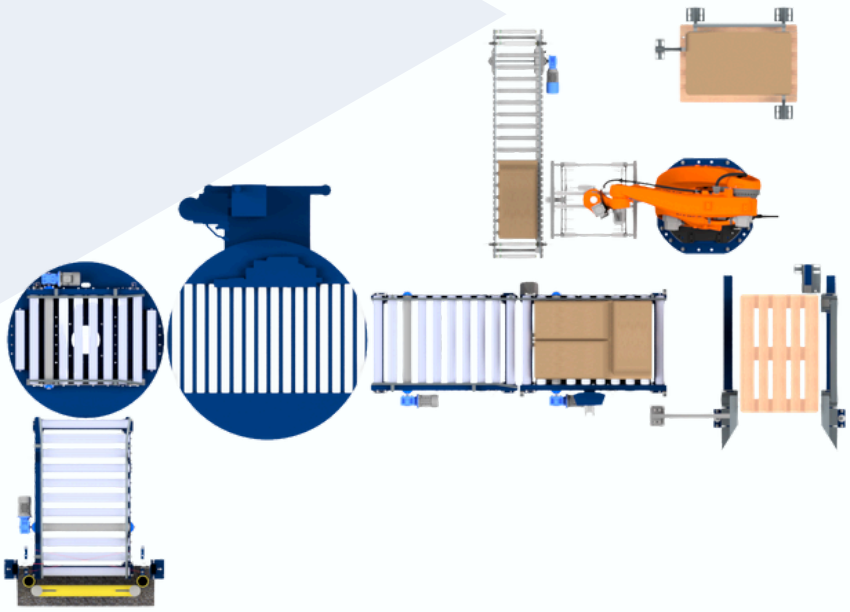
LPS SERIES



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Project for filling, labeling, sewing, inverting, and flattening feed bags. Our solution is capable of automatically performing these processes for various bag sizes and materials.
Suitable for paper, plastic, or plastic-coated raffia bags, and sizes ranging from 300x500 mm to 500x1100 mm (width x length).



GENERAL FEATURES

- Made of painted carbon steel.
- Kuka KR 120 R3200PA robot
- Pallet type: European.
- Pallet storage capacity: 12 units.
- Maximum capacity: 8–10 bags/minute.

- 3 different bag sizes:

10 kgs.	25 kgs.	40 kgs.
Output 8–10 bags/minute	Output 8–10 bags/minute	Output 8–10 bags/minute
Palletizing at different heights	Palletizing at different heights	Palletized at different heights

VIDEO



INSTALLATION COMPONENTS



- **Stitching conveyor:**
  - Frame constructed from painted carbon steel.
  - Manually adjustable.
  - Green fabric belt.
  - Fall-protection guardrails.
  - Fixed speed.

- **Paper labeling machine:**
  - System for applying individual labels to stitched bags.
  - Capacity for 150 labels.
  - Suction cup and Venturi clamping.
  - Adjustable for different label sizes.
  - Adjustable floor stand.

- **Bag stitching machine:**
  - 20600 telescopic column anchored to the floor, adjustable between 700 mm and 1300 mm.
  - Start/Stop with two photoelectric sensors.
  - Single-needle head.
  - Pneumatic cutter.
  - Automatic lubrication system.
  - Bag feeder from 11 to 23 m/min, with variable-speed drive control.
  - Belt drive.
  - Guide rails.

- **Bag tipper:**
  - Rotates and tips the bag to place it on the pallet.
  - Fixed mechanical locking system.
  - Rotation by displacement.

- **90° conveyor:**
  - Frame constructed from painted carbon steel.
  - Manually adjustable.
  - Green fabric belt.
  - Fall-protection guardrails.
  - Fixed speed.





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