The Optimizer KR-GB System combines the KR-GB Feeder with the Optimizer HF Printer into a fully integrated system to facilitate nearly continuous feeding and high volume printing of kraft multwall gusset bags. The system consists of a staging/indexing conveyor and vacuum feeder integrated with the Optimizer HF printer. Optimum throughput is achieved with the addition of a restacker and return conveyor.

The Optimizer KR-GB system accepts 8 inch stacks of gusset bags. Stacked bags are loaded onto the staging/indexing conveyor, which indexes them to the feeder where they are fed directly into the bed of the Optimizer HF printer. Bags are printed at speeds up to 50 per minute, then collected in counts from 5 to 45 in the restacker and sent back to the operator on the return conveyor for re-palletizing.
System Specifications

General Specifications
Printer Dimensions:
Width: 65" (1651 mm)
Length: 110" (2794 mm)
Height: 50" (1270 mm)
Exit Height: 39" (990 mm)
Weight: 1800 lbs. (817 kg)

Feeder Dimensions: Nip feed to vacuum belt
Width: 36" (915 mm)
Length: 55" (1397 mm)
Height: 60" (1524 mm)
Weight - Feeder and In-feed Table: 2125 lbs. (964 kg)

Staging/Indexing conveyor: Belt driven
Width: 41" (1041 mm)
Length: Variable 4' to 10' range (1220 mm to 3048 mm)
Feed Direction - Right, Left or Center
Loading Height: 25" (635 mm)

Print Specifications
Print Area:
Width: 11" (280 mm)
Length: 32" (812 mm)
Resolution: 200 dots per inch (8 dots per millimeter)
Prints per Film: 5,000
Color: Single color Black, Red, Blue, Green

Printer Capacities
Print Rate:
Variable: Up to 50 bags per minute
Minimum Bag Size:
Width: 12" (305 mm)
Length: 18" (457 mm)
Thickness: 1/16" (1.5 mm)

Maximum Bag Size:
Width: 36" (915 mm)
Length: 36" (915 mm)
Thickness: 3/4" (19 mm)

Feed Rate:
Variable up to 50 bags per minute
Semi-continuous feed
Index stack height 8"

Inking System
Type: Continuous, with automatic level control
Pumps: Dual peristaltic
Capacity: 2 gallons

Controls
Counter: Batch
Control Panel: Full set of control buttons for system with e-stop in several locations
Overload: Electronic overload protection in case of jam

Operating Requirements
Printer
Electric Power Supply: 240 VAC, single phase, 50-60 hz., 20 amps
Air Supply: Minimum 80 psi clean shop air - Consumption @ 65 cfm

Feeder
Electric Power Supply: 230 VAC, single phase, 50-60 hz., 20 amps
Air Supply: Minimum 80 psi clean shop air - Consumption @ 8 cfm

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