The Optimizer KR-U System combines the KR-U Feeder with the Optimizer HF Printer into a fully integrated system to facilitate nearly continuous feeding and high volume printing of RSC Cases, kraft multiwall bags and die cuts. The system consists of a staging/indexing conveyor with lift table and vacuum feeder, integrated with the Optimizer HF printer. Optimum throughput is achieved with the addition of a restacker and return conveyor.

Optimizer KR-U

The Optimizer KR-GB system accepts 10 inch stacks of RSC cases, kraft multiwall bags or die cuts. Media is loaded onto the staging/indexing conveyor, which indexes it to the lift table where the vacuum feeder delivers it directly into the bed of the Optimizer HF printer. Printing and feeding is variable up to 50 pieces 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)
- Loading Height: 30" (762 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

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 RSC cases, bags or die cuts per minute

Minimum Case Size:
- Width: 12" (305 mm)
- Length: 12" (305 mm)
- Thickness: 1/16" (1.5 mm)

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

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)

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

Headquarters: 2 Heritage Park Road Clinton, CT. 06413 800.521.0194
Branch: 680 Chaddick Drive Wheeling, IL. 60090 847.541.2494

Visit Iconotech at www.iconotech.com