

HL-100 SERIES

Fully Automatic HSC Lidder



IPak's Model HL-100 fully automatic HSC lidder will apply an HSC style lid or cover to a pre-formed open top tray. The lidder is suitable for a wide range of sizes and compatible with many standard open top tray designs. The HL-100 is a stand alone machine that is positioned downstream of a tray former. The HL-100 will accept trays that are conveyed with their open top facing one side, as typically discharged from most standard vertical format tray formers.

Alternatively, the HL-100 will accept trays that are conveyed upright and it will tip them onto one side. The HL-100 is intended for handling empty trays. However, in some select cases where the product in the tray is stable, the HL-100 will accommodate pre-packed trays. Like all IPak machinery, the HL-100 is known for reliability and dependability and is backed by IPak's friendly and knowledgeable service team.

HL-100 Fully Automatic HSC Lidder

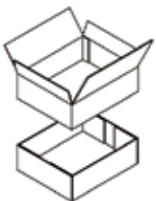
Standard Features

- All mechanical drive train
- In-feed conveyor
- Indexing stopgate
- Integrated tray tipping mechanism
- Cross pusher
- Adjustable side guides
- Allen-Bradley MicroLogix 1200 PLC
- Allen-Bradley PanelView 300 keypad HMI
- Allen-Bradley PowerFlex 40 inverter
- Integrated safety guarding
- Full pneumatics including filter regulator lubricator
- Vacuum generator
- Powder coated tubular steel mainframe
- One E-stop push button station

Machine Specifications

- Machine weight:
- Machine length: 10'6"
- Machine width: 8'6"
- Infeed height:
- Speed: up to 20 cases per minute
- Electrical: 220 Volts AC, 3 phase, 60 Hz
- NEMA 12 control panel and enclosure
- HSC style lid erector

Some Examples of Trays Formed on the HL-100

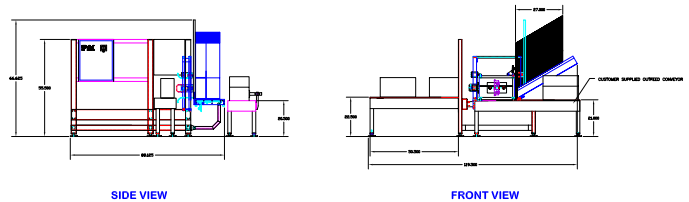


TRAY WITH HSC LID

Optional Features

- Spare parts kit
- Motor driven out-feed conveyor
- Machine monitoring system with tri-color stack light and audible alarm to monitor low/empty tray blank hopper and jam detection
- Ethernet card for MicroLogix 1200 PLC
- Surcharge required for optional 460/480V electrics

Specifications Drawing



Method of Operation

The formed tray is conveyed to the primary control gate. The tray is tipped 90 degrees onto its side. It is then advanced into the cross-pushing station while simultaneously the HSC erector is opening the HSC lid. The cross-pusher pushes the tray fully inside the opened HSC. The completed package is then tipped upright and discharged with the top flaps open and upright ready for packing.

The IPak Product Line Includes:

Tray Formers
Case Sealers
Sleeve Wrappers

Flange Sealers
Stackers and De-Stackers
Custom Applications

IPAK
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