

# HL-350SA

## Semi-Automatic Case Loading System

The HL-350SA is the new compact solution for automatically collating and packing products into RSC cases. This machine features our innovative semi-automatic case placement system, which requires minimal operator intervention. This allows one worker to attend many case loaders, and other tasks on the line. Efficiently packing the widest range of products, the system maintains horizontal orientation of unstable items through the entire pack process. Loading the widest range of products in an ultra-compact footprint, this system offers fast changeovers and minimal downtime between product runs. The Combi HL-350SA is available with innovative collation solutions tailored to the specific needs of your product.

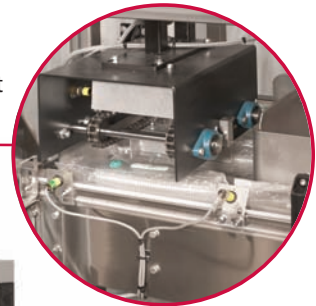
### Key Benefits:

- Versatile product collation and orientation
- Heavy-duty welded tubular-steel construction
- Safe user-friendly operation
- Compact space-saving design
- Full guarding with safety interlocks
- Open access for easy changeovers

Touchscreen  
operator control  
station



Versatile product  
collation for widest  
range of products.



Servo controlled  
downstacking  
or upstacking for  
precise product  
placement



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## Additional Features

- Heavy duty welded tubular steel framework
- Lifetime warranty on structural framework
- Stainless steel contact parts
- Open access for easy maintenance
- Right or left hand execution
- PLC controls with operator interface
- Lockout / tagout safety disconnect
- One year warranty
- Available in multiple footprint configurations to fit multiple product flows or space constraints

## Options:

- Heavy-duty machine casters for portability
- Intrinsically safe or washdown electrical packages
- Other product infeed / discharge locations
- Progressive upstacking collation
- Custom designs for special applications

## Technical Specifications

**Case Size Min:** 13" x 7<sup>3</sup>/<sub>4</sub>" x 12" ( 330 x 197 x 305mm )  
(LxWxH)

**Case Size Max:** 24" x 16" x 24" ( 610 x 406 x 610mm )  
(LxWxH)

**Speed:** 8 Cases Per Minute ( product dependent )

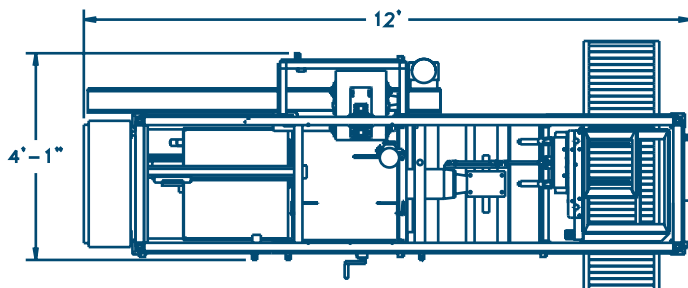
**Electrical:** 230 volt / 3 phase / 60hz / 20a  
( other voltages available )

**Air Consumption:** 80 PSI, (5.5 bar) consumes approx 2cfm  
(60 lpm) @ 8 cases per minute

**Discharge Height:** 18" (457 mm)

**Machine Weight:** 2500 lbs (1134 kg)

Top view



## Need a fully automated solution for case packing?

Combi HL systems integrate a compact automatic case erector with our horizontal case loading systems. Available with a wide range of collation options, the HL provides increased throughput for higher speed case packing applications.

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## Operation Description:

Empty erected cases are placed in the machine manually. An operator swipes a touch sensor, upturning the case 90° to the packing position. Simultaneously, the product is collated in the loading area. When the pack pattern is complete, the product is pushed into the case, and the case is turned back to the upright position and released onto a product take-away conveyor.