

2800 Servo Case Packer

Flexible. Precise. Smart.



Since its inception, the Hartness Model 2800 servo case packer has been the global industry standard for high speed, top load case packing. Today, the Model 2800 is more advanced, yet more simple than ever. Closed loop positive control Allen Bradley servo motors drive all of the machine's major axes. The servo motors precision control enables quick and repeatable changeovers, greater speed, more gentle product handling and increased flexibility. The 2800 servo design delivers a smoother operation, with increased control compared to pneumatic systems. The result is increased OEE with a decrease in long term cost of operation.

The operator interface allows for the complete monitoring of all key functions. Package changeovers are simple and can be performed by an operator in 20 minutes or less without the use of tools. A portable grid trolley ensures that grids are removed quickly and safely. How easy is it to be trained on the 2800? Maintenance professionals and operators can "teach" the packer new positions with minimal training. Further, the downloading of new product configurations can be accomplished at light speed. No case packer is simpler or more advanced.

Benefits

- / Servo controlled motion ensures greater accuracy, speed and reduced parts consumption
- / High speeds of up to 40 cycles per minute
- / Quick, simple changeover
 - *Intuitive grid chart and trolley simplifies grid changeover*
 - *Color coding maps*
 - *No tool changeover*
- / Dual case capability for higher speed packing
- / Touch screen controls allows for simpler operation
- / Air transfer package ensures proven, low pressure handling of lightweighted and difficult to handle containers
- / Broad options package
 - *Integrated option for high speed laning and conveying of difficult shaped containers*
 - *Positive placement packing for lightweighted or pressure sensitive containers*
 - *Stainless steel frame*
 - *Bottle turner*
 - *Reverse feed for flexible line configuration*
 - *Flap opening and control*
 - *Compact change parts storage carts*



Air Transfer Option captures the containers and prevents shingling.

ITEM	DESCRIPTION
------	-------------

voltage	240 / 460VAC or customer choice
---------	------------------------------------

phase	3 hz
-------	------

hz	50 / 60
----	---------

amp	30 / 15 amp minimum electrical service recommended
-----	--

air pressure	60 psi minimum
--------------	----------------

air consumption	12-16 cfm @ 40 cycles/min
-----------------	---------------------------

approximate weight	8000 lbs. [3630kg]
--------------------	--------------------

speed	Up to 40 cycles/min
-------	---------------------

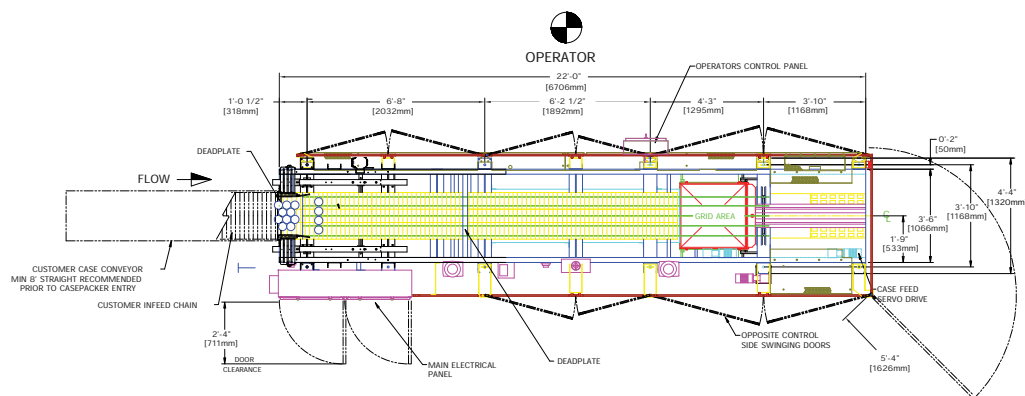
minimum case width	6 in [152.4mm]
--------------------	----------------

maximum case width	19 in [482.6mm]
--------------------	-----------------

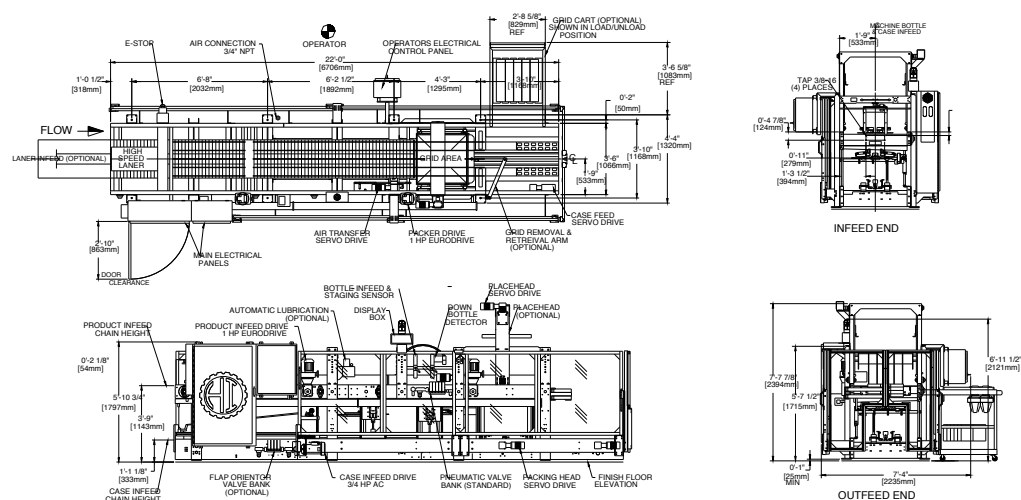
maximum case length	Up to 30 in [762mm]
---------------------	---------------------

The dimensions, descriptions, illustrations and other particulars in this profile are given in good faith but are not intended to and do not constitute any guarantee or warranty given by Hartness International or form any part of any contract. Photographs and/or illustrations may be shown with optional equipment or without safety guards in order to show features. Hartness International designs are covered by numerous US and International Patents.

Model 2800 without laner option



Model 2800 with high speed laner



500 Hartness Drive
Greenville, SC 29615 USA
phone: 864.297.1200 / fax: 864.297.4486
email: info@hartness.com / www.hartness.com