

Simple. Pressureless. Accumulation. Buffering. Line Control.

High speed packaging lines require intelligent conveyance in order to achieve maximum performance. The Hartness Model 7100 DYNAC is a simply innovative solution that is designed to improve the throughput and efficiency of high speed packaging lines. The Model 7100 Mass Flow DYNAC provides FIFO accumulation, pressureless product handling, as well as unique line balancing characteristics for rigid containers. DYNAC has the unique ability to automatically expand its usable length based on line condition. Frequent slowdowns and “microstops” that are inherent, even in the best designed lines, can dramatically reduce throughput. DYNAC virtually eliminates the effect of these occurrences,

raising productivity by providing a constant and optimal product flow from machine to machine.

The 7100 offers a smart alternative to traditional bi-directional tables. DYNAC's space-saving configuration enables the implementation of Hartness' industry-leading, DYNAC-centric line concept. DYNAC-centric lines eliminate complicated controls and allow for close-coupling of machine centers. Close-coupling of machines can result in packaging lines with a smaller footprint, that require fewer operators and that consume fewer utilities than traditional packaging line designs.

Because DYNAC virtually eliminates container pressure, DYNAC-centric lines operate with minimal noise, even on glass.

The Model 7100 DYNAC is exceptionally versatile. The DYNAC handles a variety of packaging formats including plastic, glass, and aluminum. Lightweighted and reverse-tapered containers which are sensitive to line pressure are easily conveyed through the DYNAC.

The DYNAC 7100 decreases the size and complexity of packaging lines while improving throughput and efficiency. Doesn't your line deserve one?



Benefits

- / Pressureless accumulation for even the highest speed lines
- / Increased line efficiency
 - Balances container flow between machine centers
 - Reduces line pressure (eliminates micro-stops)
- / Sequential first-in/first-out accumulation
- / Improved product quality
 - Reduced breakage and label damage
 - Eliminates pressure
- / Flexible operation
 - Wide product range
 - Wide speed range
 - No changeover
- / Reduced labor needs
 - Extremely low maintenance
 - Allows close-coupling of line components for shared operators
- / DYNAC-centric line design
 - Elimination of complicated line controls
 - Allows for smaller footprint packaging lines

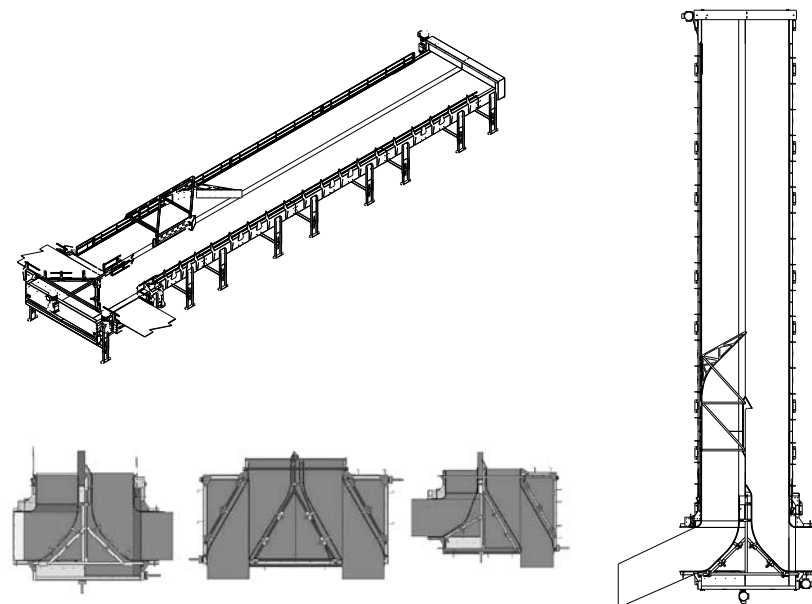
ITEM	DESCRIPTION
chain width	30in [760mm] / 40in [1010mm]
maximum product width	24in [610mm] / 34in [860mm]
maximum product length	application dependent
maximum speed	75 f/min [23m/min]
infeed / outfeed length	88in [2235mm]
end section length	89in [2276mm]
middle section length	5ft [1499mm] / 10ft [29976mm]
voltage	240 / 460 AC or customer choice
phase	3
hz	50 / 60
amp	application dependent
mid section weight*	711 lbs [322kg] - 807 lbs [366kg]
end section weight*	1067 lbs [484kg] - 1257 lbs [570kg]
infeed section weight*	1652 lbs [749kg] - 2590 lbs [1175kg]

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.



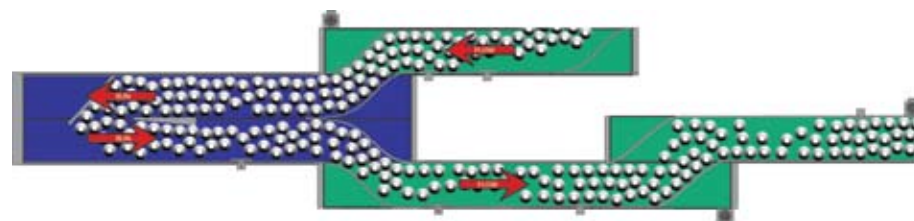
1200 Garlington Rd / PO Box 26509
 Greenville, SC 29616-1509 USA
 phone: 864.297.1200 / fax: 864.297.4486
 email: info@hartness.com / www.hartness.com

The DYNAC 7100 is a modular system. Both infeed and outfeed can be configured to fit specific footprint and space requirements.



The DYNAC Advantage

Infeed - synchronized to upstream equipment and removes gaps



Discharge - synchronized to downstream equipment