

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 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	21in	30in	40in
maximum infeed chain width	18in	26in	36in
maximum discharge chain width	18in	26in	36in
maximum product length	application dependent		
maximum speed	application dependent		
infeed / outfeed length	88in	88in	88in
end section length	90in	90in	90in
middle section length	59in / 118in	59in / 118in	59in / 118in
voltage	240 / 480	240 / 480	240 / 480
phase	3	3	3
hz	50 / 60	50 / 60	50 / 60
amp	application dependent		

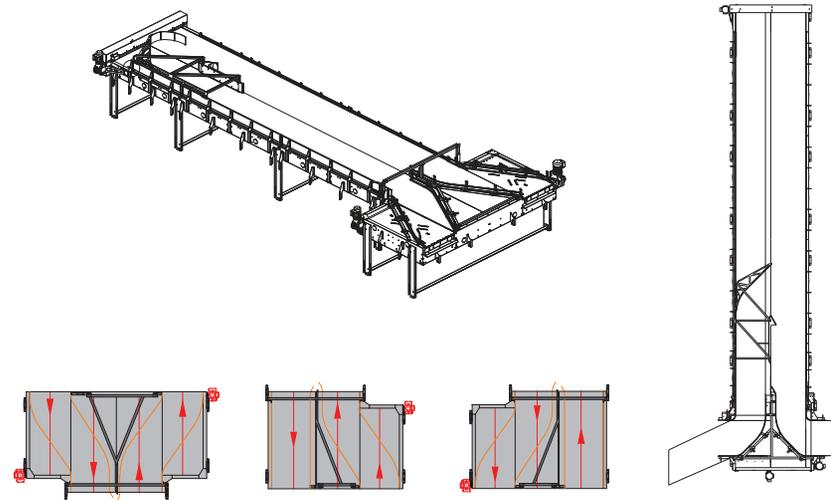
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Hartness is a proud member of the ITW family of companies.

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