

A close-up photograph of an industrial robotic arm with blue and silver components. The arm is positioned over a cardboard box filled with numerous small, white, cylindrical cans. The background shows more of the machinery, including a large black wheel with a chain drive. The scene is brightly lit, highlighting the metallic surfaces and the organized arrangement of the cans.

Tray & Wraparound

Flexible. Proven. Integrated.

TW HARTNESS

Hartness offers a comprehensive portfolio of world-class, dry-end equipment that has bolstered Hartness' position as the "go to" company in North America for end of line solutions.

The Hartness product portfolio includes a variety of Tray and Wraparound Packers. Our highest speed HTW tray and wraparound packer is capable of reaching speeds of up to 60 cycles per minute. Speeds of 25 cycles per minute can also be achieved on our lower speed TPB tray and wraparound packers. Regardless of speed or packaging format requirement, Hartness has a solution that helps our customers meet their case packing needs.

Modular designs, quick change-over and clean design are all hallmarks of the Hartness' wrap around product portfolio. The modular design makes the machine particularly flexible. Format changes are quick and easy with a three-dimensional 'change-over' that can be achieved without tools and in less than 15 minutes. The open construction gives operators greater accessibility for performing changeover and maintenance.

Primary package handling capability includes bottles, cans, multipacks, cartons, trays and thermoform packages. Secondary package capability includes trays, ledge top trays, wraparound, two piece display, one piece display with perforation, HSC and RSC. Retail and shelf ready packages can also be packed on the system.

Powerful Commitment: Fully-integrated End of Line Solutions

For years, Hartness was known as a supplier to the world's major beverage companies, but over the last decade, we've continued to strategically add capabilities. The capabilities have enabled us to offer end of line case packing solutions for virtually any secondary packaging format from glass, cans and plastic to pouches and paper cartons. The introduction of a full range of wraparound packers, when combined with Hartness' systems integration capability, mechanical conveyor, world-class DYNAC buffering and accumulation systems, and robotic palletizing enables Hartness to offer a full complement of end of line solutions for virtually any Consumer Packaged Goods markets.



Craft Breweries - a closer look

For craft brewers going to paperboard for their 12 oz cans, the choice is simple: either contract the materials as well as the machine, or choose a wraparound that is not tied to materials contracts.

Hartness offers the HTW high speed wraparound packer with the capability to wrap 4,6,12,15,18 and 24 packs -and no materials contract.

- Wraps cans or bottles
- Handles Paperboard down to 20 points thickness
- Capability to handle B, C, E and F fluted corrugate

Features & Benefits

- / Continuous motion
- / Horizontal blank magazine
- / Easy cleaning , open frame design
- / Tool-less changeover, less than 15 minutes
- / Quick to open and display
- / Highly flexible, retrofitable functions
- / Touch panel, clear operator instructions
- / Speeds up to 60 cycles a minute



Trays or wraparound cartons

Industries Served:

- Soft Drink
- Juice and Water
- Food
- Beer, Wine and Spirits
- Home and Personal Care
- Pharmaceutical



Model HTW

High Output. Quiet Running.

With an output of 60 trays per minute, the HTW high-speed tray and wraparound packer really lives up to its name. The arrangement and loading of the trays and the continuous mode of operation guarantee safe product handling and ultra-quiet running.

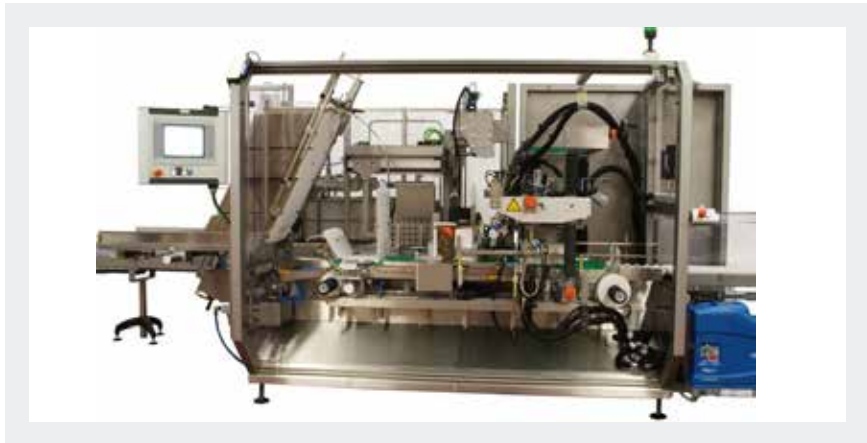
The servo drives are controlled by a multi-axe system. The format is changed using a touch screen, hand wheels or motors are used to adjust width and height and a 4 chain system with adjustable electromagnetic clutches is used to adjust length.



Various grouping and conveyor systems ensure optimal handling.



Both square-glued trays and wraparound cartons can be processed.



Model TP 25-B

Flexible Forming and Filling

The TP 25-B tray and wraparound packer can form both low and product-height trays and wraparound cases, and load these with both food and nonfood products in a wide range of formats. All of this with an output of up to 25 cycles per minute. With additional components, two-piece case packing with lid inserts can also be handled.

The cycle chain is fully adjustable to allow for packing of the widest possible range of formats. The modular design makes the machine particularly flexible: the entire process takes place on one level to prevent damage to product and packaging. The open balcony makes the machine readily accessible for operation, cleaning and maintenance.



The packaging ranges from simple trays to two-piece case packing with lid inserts ...



... to wraparound cases.



PRODUCT TYPES:

The packaging ranges from simple trays to two-piece case packing with lid inserts to wraparound cases.

TRAYS AND CASES

Normal Tray



Ledge Top Tray



Wraparound Case



Tray & Inner Lid



Tray & Outer Lid



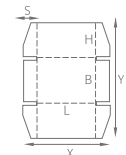
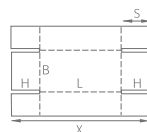
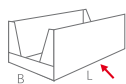
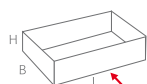
RSC Case



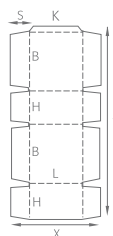
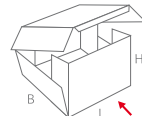
Empty Trays



Tray



Wraparound Carton



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.

Proven Innovation: Extensive Application Experience

For over 50 years, Hartness has provided innovative solutions for virtually every case packing application required for the consumer packaging market. Over time, we have developed a portfolio of engineered solutions that enable our clients to solve even the most difficult case packing challenges. Our proven solutions, when combined with Hartness' unyielding commitment to customer satisfaction and vertical integration capabilities, have enabled our clients around the world to confidently select Hartness for their case packing needs for over five decades.

Powerful Commitment: Vertically Integrated Solutions

We understand that the successful installation of packaging equipment requires the coordination of many different functions. Nearly a decade ago, Hartness entered the engineering service and systems integration business in order to provide it's clients with vertically integrated, systems-based solutions.

From feasibility studies to end of line layout design, and from project management to conveyor and controls supply, Hartness offers a portfolio of integration for projects both large and small. Hartness' investment in vertically integrated systems helps you manage risk, reduce your supplier base, and ultimately helps you achieve quicker, more vertical startups.

ITW HARTNESS