

VECTACRAFT

INNOVATE. INTEGRATE. INVIGORATE.

Product Catalog

Cartoners MERLIN Series



MERLIN SERIES

Horizontal Continuous Motion Cartoners for medium and high speeds. 120 to 300 cpm

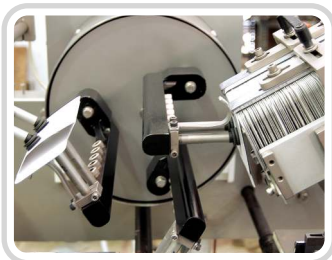


MERLIN SERIES

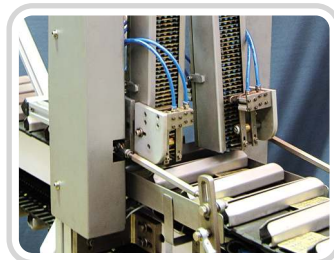
One glance at the current MERLIN cartoners will assure you of its refinement. But don't be swayed by its sleek lines alone. Wait to watch it perform before you make up your mind. As efficient as it is imposing, the Merlin is named after a majestic strain of the falcon family which inspires both its styling and its soul.

The flagship model MERLIN 300XC is a cartoner born for the "faster time-to-market" age. This baby is poised – with a top speed of 300 cartons per minute – to become an indispensable link in the customer's manufacturing process.

At the heart of these machines is the rotary carton pick-up system which grabs the carton from the magazine, pre-breaks it by counter suction, and then loads it smoothly into the carton chain. The carriers in the chain then hold the carton squarely till product-loading and carton-closing is completed. There are 4 models in the Merlin series, each fitted with one to three rotary arms, depending on the model speed.



Carton Pick-up & Pre-breaking



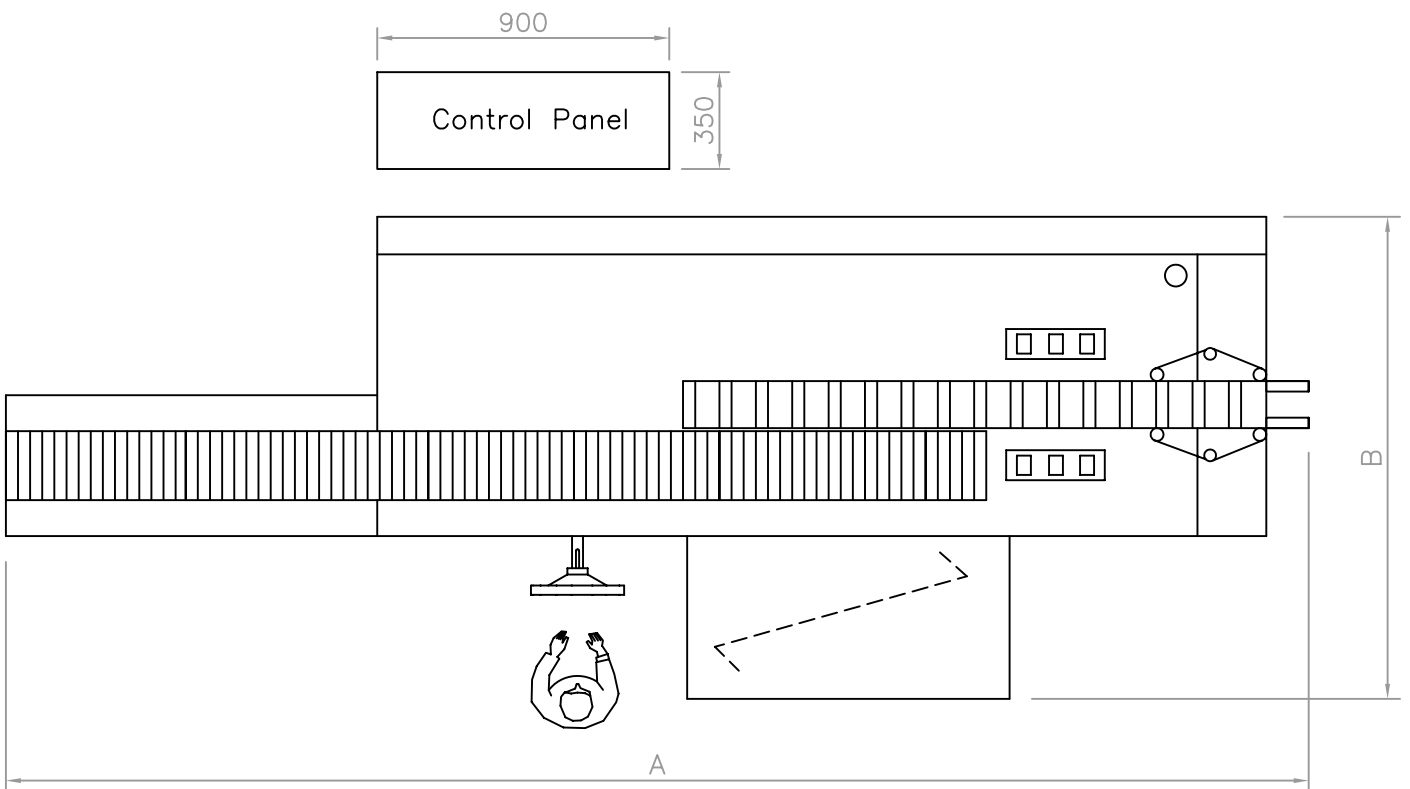
Blister In-feed system

A Cartoner is not a standalone machine, which is how some manufacturers offer them. An automated and synchronized link-up with the upstream machine is Vectacraft's strength. Transfer systems consisting mainly of pick & place arrangement aided by servo drives and pneumatics are used.

Features

- Powered conveyor to bring the cartons to the magazine
- Rotary pick-up for pre-folded leaflets
- Leaflet folding & feeding
- Leaflet pre-insertion (for delicate products)
- Easily accessible drives those are isolated from the product path
- Quick tool-less changeover
- Printing by embossing / debossing / ink-jet
- Tuck-in / Hot-melt / Cold glue carton closure
- Centralised lubrication
- Bar-code security system

MERLIN SERIES
Footprint



MODEL	A	B	TOTAL HEIGHT
MERLIN 120XC	4050	1700	2100
MERLIN 180XC	4050	1700	2100
MERLIN 240XC	5540	1900	2200
MERLIN 300XC	6140	1900	2200

Note: All dimensions are in mm

Cartoner Program

MODEL	MERLIN 120XC	MERLIN 120XC6	MERLIN 180XC	MERLIN 240XC	MERLIN 300XC	KYTE A4	KYTE A6	KYTE A8	HARRIER
TYPE	HORIZONTAL								VERTICAL
CAPACITY (Max. cpm)	120	120	180	240	300	60	60	60	50
CARTON SIZE RANGE									
Length (Min-Max) in mm	60 - 200	75 - 220	60 - 200			75 - 220		50 - 220	
Width (Min-Max) in mm	20 - 65	25 - 115	20 - 65			25 - 125	25 - 150	20 - 100	
Height (Min-Max) in mm	15 - 55	25 - 80	15 - 55			25 - 80	25 - 100	15 - 80	
OPERATION*	C	C	C	C	C	I	I	I	I
PITCH (Product)	4"	6"	4"	4"	4"	4"	6"	8"	10-Station
UTILITIES									
Power	2.75 - 5 Kw		3.5 Kw	5 - 8 Kw		3.5 - 8 Kw		2.5 Kw	
Compressed Air (at 6 kg/cm ² pressure)	2 - 3 cfm		3 cfm	4 - 5 cfm		2 - 3 cfm		5 cfm	
OPERATOR	1								

* C = Continuous, I = Intermittent

VECTACRAFT

Other Products



HARRIER

Vertical Cartoner for low speeds



KYTE SERIES

Intermittent Cartoners for collated products.
Speeds from 20 to 60 cpm



OSPREY SERIES

Collating & Wrapping of cartons and cuboids



KESTREL SERIES

Casepacker for varying products and speed range

About Us

With the wealth of experience and expertise garnered by its parent company SUBNIL over nearly 25 years in the packaging industry, VECTACRAFT specialises in innovating cartoners, bundlers and casepackers with speeds in cartoners starting from 25 cpm and going up to the 300 cpm rate which its flagship, the MERLIN 300XC, boasts.

VECTACRAFT exists, quite simply, to offer sound, custom-made solutions that can link fluently with any upstream primary packing machine, and also follow through to the end of the line.

Pencils, blister strips, pouches, tubes, sachets, bearings, bottles, vials are just a few of the varied products that are easily handled - individually, collated or in combination with other products or inserts. And the broad array of product sizes we allow for, coupled with the opportunity to benefit from ultramodern technology at smart prices has catapulted VECTACRAFT into every discerning buyer's consideration set. In fact, VECTACRAFT aims to position itself as the definitive one-stop-shop for anyone seeking a post-primary packaging answer.

The young, firebrand sales team at VECTACRAFT is driven by its goal to identify every type of packaging problem that a manufacturer may encounter. Our uncompromising Research & Development division devotes itself to coming up with ways to decimate these problems. And the finesse of our production personnel, of course, really puts the 'craft' in VECTACRAFT.

Geared to invigorate the assembly line and revolutionise the industry, this truly is the future of secondary packaging automation.



Our Customers

Abbott**Dabur****Havell's****PZ Cussons****American Lion****Emami****Hindustan
Unilever****Ranbaxy****Ajanta****FDC****Indoco****Sanofi-Aventis****Alkem****Elder****Ipca****Unique****Balsara****GSK****Knoll****Wockhardt****Cadila****Glenmark****Paras****Zandu****Cheryl**

We leave no stone unturned when it comes to customising solutions. More often than not, we work closely with the upstream machine producer, in our endeavour to offer our customers an integrated line. If necessary, we even have it brought into our workshop to undertake the integration. This helps us in simulating an actual production sequence. But that's not all. We often provide, upon request, add-on equipment that we may not even manufacture, as part of the line, if it suits a customer's requirements better.

To us, customer satisfaction and trust are of paramount value. And closing a sale is merely the beginning of bonds that are forged over time. Today, there are only a handful of players in the industry that can go the distance and VECTACRAFT, let it be said, intends to lead the pack.

VECTACRAFT

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