

FLEXIBILITY COMBINED WITH ROBUSTNESS

With Oystar Fabrima’s cartoning machines, you benefit from the perfect combination of modern design and technology, optimized for flexibility and the shortest change over time: the ideal machine for small to medium size batch production. Having more than 30 years of experience in cartoning packaging, Oystar Fabrima is continuously developing and improving the world renowned and popular Vertopac VP-120 machine. The most versatile machine for the packaging of blister, tubes, bottles and many other products, either manually or in special applications with automatic product feeding. From solution consulting to production implementation and life-cycle support, it all comes from one source.

ADVANTAGES OF OYSTAR FABRIMA CARTONING TECHNOLOGY

All in one

- One machine for all applications, with combinations of auto and manual load possible
- Enormous size range from the smallest up to the large cartons
- Works with all known carton designs.

Convincing design

- Very clear design and machine layout with large transparent guards
- Perfect ergonomics for manual load operation
- Machine on rods for ergonomical repositioning

Versatile and robust

- Machine design and built to last. Quality components assure maximum lifetime and uptime
- With manual loading, the machine can be used virtually for all kinds of products

Operational simplicity

- Simple operation / requiring a minimum of maintenance
- Receipt storage and selection via the HMI

Modern safety technology

- Highest safety and process efficiency

Application range

All kinds of closing systems are available, such as tuck-in (straight/reverse), glue, combinations of glue and tuck-in, or safety closure. Five panel cartons also can be handled by the VP-120. Automatic transfer, and feeding systems for bottles, vials, tubes, bags and other products are available. Specially designed transfers are supplied on demand.

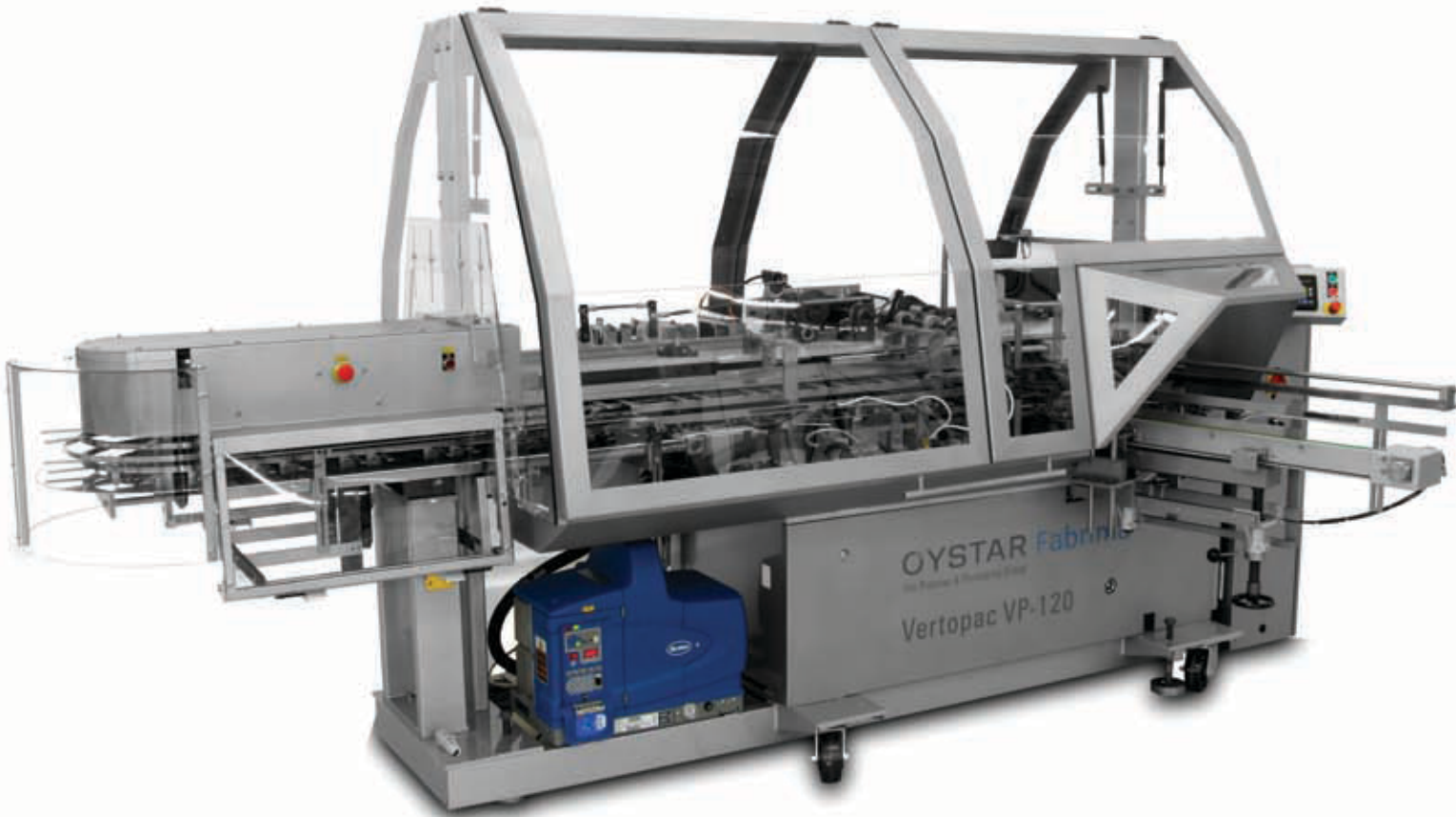
The machine is designed to provide the highest efficiency, lowest change-over and set-up times and minimal maintenance needs. No format parts are required for normal cartons.

Versatility

Continuous motion (optional also intermittent motion) machine, specially designed for cartoning of uneven, unstable products or of difficult operation, as well as for small batch production with frequent format change. For many products, automatic product loading can be offered, including robot load. The product loading area can be extended according to operations required.

Control technology

The Vertopac VP-120 is controlled by a commercial PLC manufactured by Allen Bradley, and a graphic operator interface (HMI) which allows program selection and parameter setup and provides messages for the operator. It can be optionally provided with a Siemens PLC and operator panel. Process control systems such as bar code reader, hotmelt detector, product detection, laser or inkjet marking are available.



Carton set-up

Equipped with an adjustable carton magazine for different format dimensions, including a device to provide constant pressure on the cartons.



Leaflet feeding (optional)

A feeder for both plain leaflets as well as pre-folded leaflets are supplied as options.The folded leaflet is automatically transported to the carton and pre-inserted.



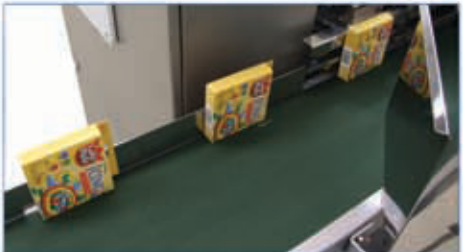
Carton chain

Carton chain with central stepless width adjustment. Rigid chains from world-class manufacturers are used, pre-stretched for longest lifetime.



Carton closing systems

Hotmelt closing as well as tuck-in or a combination of both are available.



Exit conveyor

The exit conveyor can be equipped with a carton rejection system (optional) and/or carton positioning device (optional).



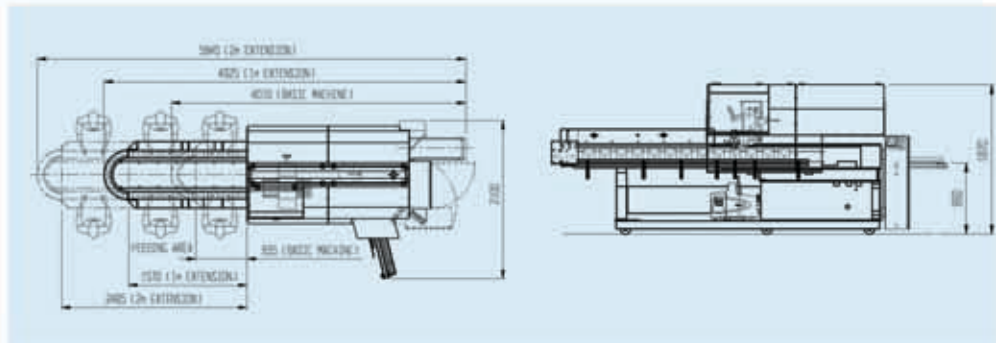
Operator Panel (HMI)

The HMI has several access levels and is password controlled.The coloured touch screen has easy-to-handle menus. Receipt concept for product management.



Drive concept

One motor to drive all functions. Minimal maintenance is required.



Machine speed (carton/min)		
Continous mode	120	
Intermittent mode	70	
Carton dimensions (mm) (A x B x H)	Minimum 20 x 20(15) ^A X 60 (50) ^A	Máximum 135 (145) ^A x 90(95) ^A x 320
Leaflet dimensions (mm) B x L — folded leaflet width (mm)	90 x 105 — 18	320 x 210 — 40

(A) On request

(B) Depends on carton and product dimensions

Basic machine dimensions (mm)	4.005 x 1.870 x 1.880
Voltage supply, 50/60 Hz	220/380V
Basic machine electrical consumption (KWh)	1,0 / 3,0 (w/ Hot-melt)
Compressed air consumption (NI/min)	80 ^A / 405 / 485
Basic machine weight (kg)	1.400

(A) Basic machine, (B) with Hot-melt, (C) with leaflet+hot-melt