



Multi-Lane Tray Sealer

EVO X-Series

With more people eating at home, food manufacturers are concentrating on satisfying increased demand while keeping costs down. To help them achieve this, G. Mondini has developed a range of multi-lane tray sealers called EVO X-Series.

These tray sealers increase output by maximising utilisation of the sealing tool.

G. Mondini developed the range in response to manufacturers' increasing demands for greater line

capacity and efficiency. After five years of research and development, the result is the EVO X-Series; a high speed multi-lane tray sealer which, depending on package size, produces up to 400 packs per minute.

An EVO X-Series implemented in the US on a four-lane packaging line for sliced cheese achieves up to 160 trays per minute. Servo technology enables this particular EVO to produce modified atmosphere packaging at a faster rate.

The system can operate alone or

in tandem with high-speed robots, fillers, snap-on lid machines and end of line packaging equipment like case packers, sleeving machines and cartoning machines.

The EVO range is designed to be as adaptable as possible. It's sleek exterior incorporates quick changeovers and hygienic wash down facilities as well as an economy of total floor space.

With flexible sealing capabilities, the EVO can accommodate packaging formats including blow moulded, enclosed inserts, shallow packs,

breakaway, rigid dome lids, skin, double decker and MAP. The EVO is also compatible with industry formats currently under development.

The overall result is impressive; G. Mondini has created a unique system which offers high capacity, turn key production lines to customers, backed by a comprehensive industry support service.



G. MONDINI

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Mobile weighing – maximum versatility and output

Bilwinco's mobile weighing concept offers food producers a versatile weighing and packaging solution.

The mobility of this space-saving system allows producers to shift units between production line and reposition on a line according to recipe requirements without compromising maximum output capabilities.

Because the mobile weigher can be easily removed for effective cleaning, the system meets the stringent hygiene requirements of the food industry. Likewise, switching to another product after system cleaning is quick and easy, making it ideal for small product batches.

Like all Bilwinco's multi-head weighers, it can weigh and package

a broad range of food products, from fresh meat to vegetables, salads and long cut pasta.

The multi head weigher is mounted on a wheeled support frame with a lowering/lifting device to ensure accurate height adjustment for every packaging use. Its in-feed system can also be lowered and wheeled away from the line with the multi-head weigher.

In summary, the advantages of the Bilwinco system include fast changeover between production runs, space-saving design (reduced footprint), yield improvements (typically plus/minus 1g weighing accuracy), full washability to IP67 and all stainless steel construction.

Contact Select Packaging for more information.



BILWINCO

CAMA Triaflex – fast, reliable robotics

CAMA's latest robot, the Triaflex, caused a sensation at its debut during Interpack 2008.

The custom-made robot can reach speeds of up to 150 cycles per minute, functions on single or double line tracking systems and can complete technically complicated tasks like managing and loading products on continuous motion machines.

Triaflex is equipped with four controlled axes with carbon fibre arms designed to grip or place products in position. This enables the robot to be used for a range of purposes, including loading moving flow packs into a horizontal cartoning machine.

A 360° head rotation enables the Triaflex to pick random products from production line

belts and position them correctly in the packaging.

"This robot is perfect for simplifying all product handling along a production line, from supply to loading," says Sales Director of CAMA UK, Chris Rayner. "We've achieved the necessary level of reliability and flexibility by combining the highest level of movement control with fast handling speeds."

CAMA's in-house design and development of its robots includes a thorough program of research and development, making it one of the few European companies to offer robotised and automated systems that integrate with a broad range of packaging machines.

"Our robots are created to integrate within our packaging systems and meet our requirements of versatility

and compactness," Chris says, explaining that CAMA prides itself on offering clients specialised solutions for every packaging need.

The Triaflex robot: designed and developed entirely in-house by CAMA.



cama
GROUP

Shelf ready the smart strategy

With 70 percent of consumers making their purchasing decisions in store, manufacturers go to great lengths to capture attention.

Unfortunately, too many overlook one of the simplest and most effective ways; shelf ready packaging (SRP).

A consequence of the increasing efficiency of supermarket shelves, effective SRP strategy incorporates the following five key elements;

1. Easy identification

Easy visual recognition for consumers and supermarket staff is important. Information like branding, barcode, product description number of units and expiry date should be clearly marked.

2. Easy to open and handle

SRP design has clear and concise opening instructions and enables a single staff member to stack the shelves without assistance.

3. Safety in design

SRP should be designed with OH&S guidelines in mind; each pack should have weight and size limits for easy transport by staff.

4. Disposability

SRP must be as simple to dismantle and dispose of as it is to set up. Sustainability is also a worthwhile design attribute too, such as packaging made from recycled paper or cardboard.

5. Targets consumers well

One of the key benefits of SRP is its sales value-adding. Design packs to engage consumers using strong, clearly identifiable brand-related logos, colours and positioning statements.

Once you've designed an effective SRP strategy, the next step is to source the right machinery to ensure professional-looking packaging. CAMA Group offers a broad range of versatile, custom solutions to minimise board consumption and maximise your output.



Shelf ready packaging; time to make your products stand out in the supermarket.

Enclosed inserts

G. Mondini and Select Packaging Systems now offer an innovative new enclosed insert solution that allows a rigid lid to be sealed into a MAP protected tray.

The enclosed insert is an ideal way for manufacturers to increase brand awareness and the convenience of their product at the same time.



It is designed to be used as a functioning lid, either re-closeable or for a range of product-specific purposes, such as a shaker for parmesan cheese. Using the enclosed insert also helps eliminate the issue of lids getting lost in transit.

G. Mondini and Select Packaging Systems have designed the new technology to be stand-alone or integrated – from tray denester to tray sealer – and to serve outputs ranging from 20 to 200 trays per minute.

Enclosed inserts are eye-catching and functional packaging.

Technical tips

The E-390 VG comes with a central lubrication system that is either manual or automatic (apart from the sealing tool area which always requires manual lubrication).

The two main areas requiring lubrication are the sealing cam and vertical tool mechanism, and the pusher arms actuating group. Other greasing points which require manual lubrication are the sealing tool, the drum motors and transmission gears.

Check the oil level in the tanks of the lubrication system to maintain correct lubrication of the machine and its components.



Feature Project

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Select helps Heinz produce good food everyday

The recent installation of a new \$2M microwaveable cup filling line at Heinz Australia's NSW facility proved beyond doubt the adaptability, above-and-beyond service and sheer professionalism of Select Packaging and G. Mondini in the eyes of its exacting client.

"Despite a last minute change of location from New Zealand to Australia at the implementation stage, Select and Mondini still delivered the project on time and effectively on budget," explains Engineering Manager for Heinz Australia, Aaron Arthur.

"Their achievement and dedication to the project impressed us greatly, especially in light of the very challenging and unexpected circumstances we presented them with at the eleventh hour."

The circumstances Aaron refers to were as follows; the original project brief required Select and G. Mondini to design an integrated packaging line for the Heinz range of 430g plastic tub microwaveable soups and meals. The line was to be installed at one of Heinz's New Zealand facilities

but due to strategic reasons, had to be quickly redesigned and relocated to the organisation's NSW facility at the last minute.

"Design had already been completed and delivery for New Zealand was only 3 months away when various issues arose that prevented us going ahead with the original plan," Aaron says.

"Even though this unforeseen change was sprung on Select and Mondini, neither organisation missed a beat. In conjunction with our engineers, Mondini immediately began completely redesigning and adapting the integrated system straight away and Select set about organizing the appropriate contingencies for delivery and installation.

"At this point, my colleagues and I considered our deadline and budget extremely ambitious but they amazed us all; the redesign process and installation of the system in Australia only extended the delivery time by two months and still allowed to produce stock before the 2008 soup season."

This early delivery impacted Heinz outcomes in a very positive way,



enabling them to deliver all output targets to date.

"We went into double shift for the winter soup market as we usually do, but the ramp-up of the equipment went so well we had enough contingency stock earlier than expected and were then able

to revert to a single shift after only three months," Aaron says.

"Reflecting on the experience, there was certainly potential for things to go pear-shaped, but thanks to the effectiveness of Select and Mondini, they didn't. It was very impressive."

Heinz Australia's new \$2M microwaveable cup filling line in detail

Select procured and installed a series of G. Mondini integrated components including a denester, chain conveyor, multi-head weigher, piston filler, doser (filler), tray sealer and snap-on lid machine. The line fills and seals around 150 cups per minute. All Heinz 430g microwave pots (soups and meals) are now packaged on this line.

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