



MESPIC

Mespice Tailor your LINE



MESPIC was grounded in 2008 by a group of experienced end of line automation specialists.

Our core business is the engineering and production of secondary packaging systems.

Our goal is to offer *taylor-made* solutions for packaging and automation.

Personalization and cost saving or green solutions for packaging to meet more and more marketing trends is imposing a change in perspective from standard solution to built-in flexibility.

The rapid and constant (r)evolutions in the retail market is demanding to approach our business with a different perspective.

MESPIC's continuous development and improvement of innovative applications shares the same concepts. The goal is to approach a project with a different perspective: instead of a catalogue-based range of standard machines, we aim to offer a flexible taylor-built automatic end of the production line that precisely fits customer needs.

For this we have invested in our R&D structure, composed of trial machine modules, packaging development machines and carton-plotters, 3D printing machines to be one step ahead and prove our solution. Not prototypes but refined systems.

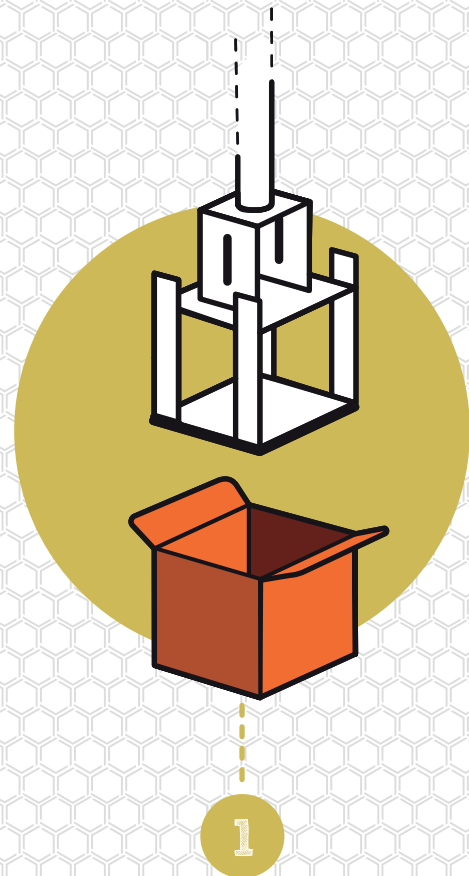
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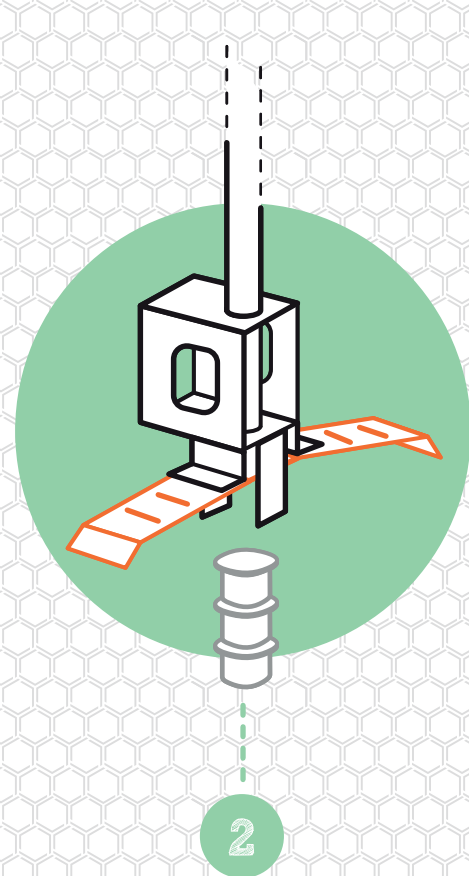
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Carton Preparation and Erection

Great importance is placed on the efficiency of the carton infeed and erection processes.

Whether it is a flat blank to be formed with hotmelt glue or an RSC case, we integrate the erection module inside the **All in One** system with the number of stations or cartons magazines required to reach the line speed.

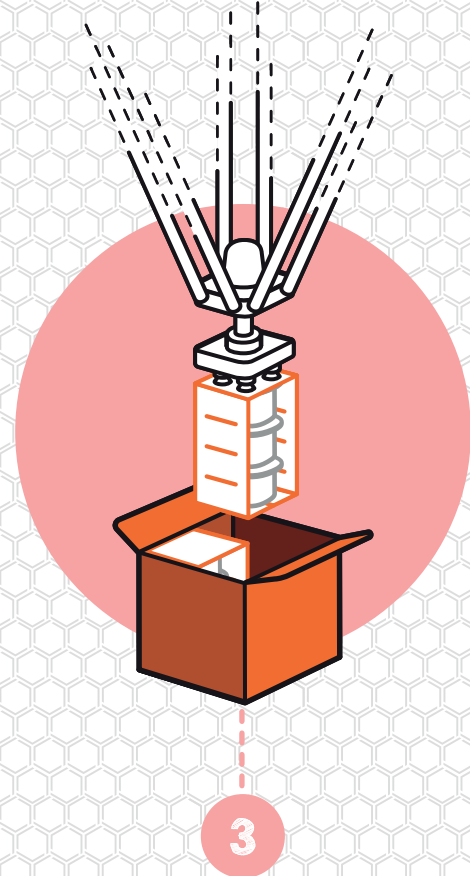


Carton Sleeves/Cluster-Packs

Increasingly, marketing is driving a part of the industry towards multi-packs, whether in single or multi-flavour configuration, that are a practical way to group items and prepare a more attractive product.

Standard configuration is composed of a continuous or intermittent motion dedicated carton sleeve machine and the relevant connecting conveyors and buffers. **Mespice** can ease the impact on the production line offering an integrated sleeving module as part of the **All in One** system, with the advantage of operating as a single machine:

1 controller / 1 software / 1 logic / smaller footprint

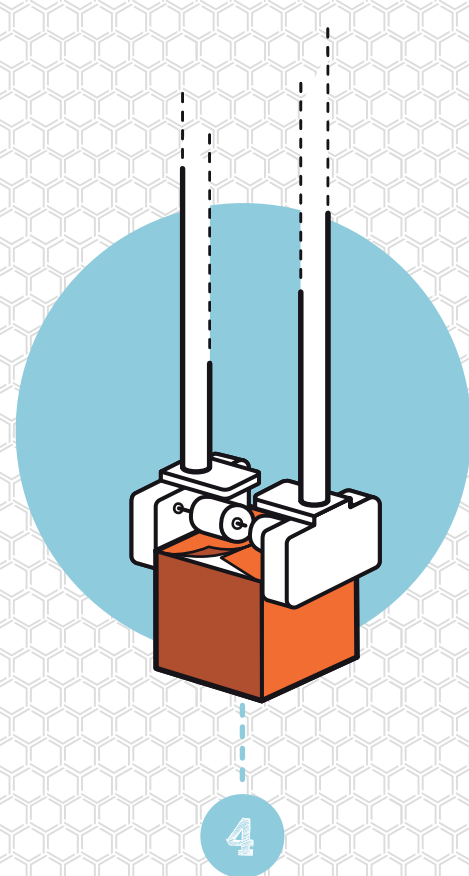


Carton Loading

Pattern preparation and loading are two interconnected features of the machine.

Conveying and accumulation logic are designed to gently and precisely arrange the product for the carton loading phase.

Carbon fiber two axis pick & place, delta robots, spider robots all with a specifically designed picking head are demanded to complete the correct fit at the correct timing into the carton.

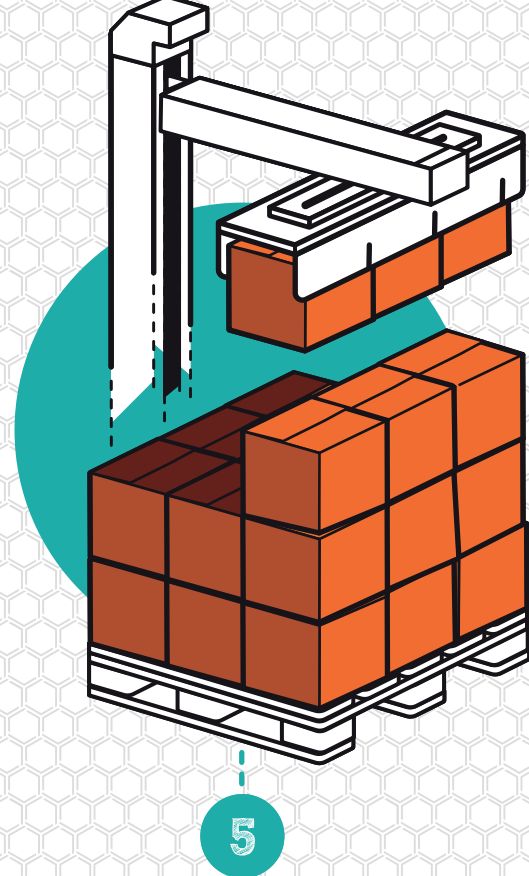


Carton Closing

Standard closing, special re-closable lids, easy-opening devices, large display windows or anti-tampering are only some of the variables that enter in play in the closing process.

We at **Mespice** have engineered a significant amount of special automations to comply with all these requirements.

Mindful of the modularity of our equipment, to reduce footprint and increase flexibility, we have also developed closing heads to handle multiple forming units, box-sizes and different flavours dynamically (self-adjusting for each cycle).



Palletization

Mespice directly engineers and manufactures its palletization equipment to provide a “one stop supply source” for the complete line.

As general supplier we can optimise the whole process defining the best fit for the project.

Whether it is a module to be connected to our **All in One** system, a carbon fiber 2 axis, single or multi-bay or anthropomorphic robot, we can design and engineer the best solution.

Get the **Packaging LINE** you really **NEED!**

All in One is a modular and flexible system designed to offer a large variety of solutions for the end of line.

Mespic's approach is that of engineer the most effective and efficient solution both for the product to be handled and machine layout.

Each combination of customer's specifications, product and packaging brings to a different solution.

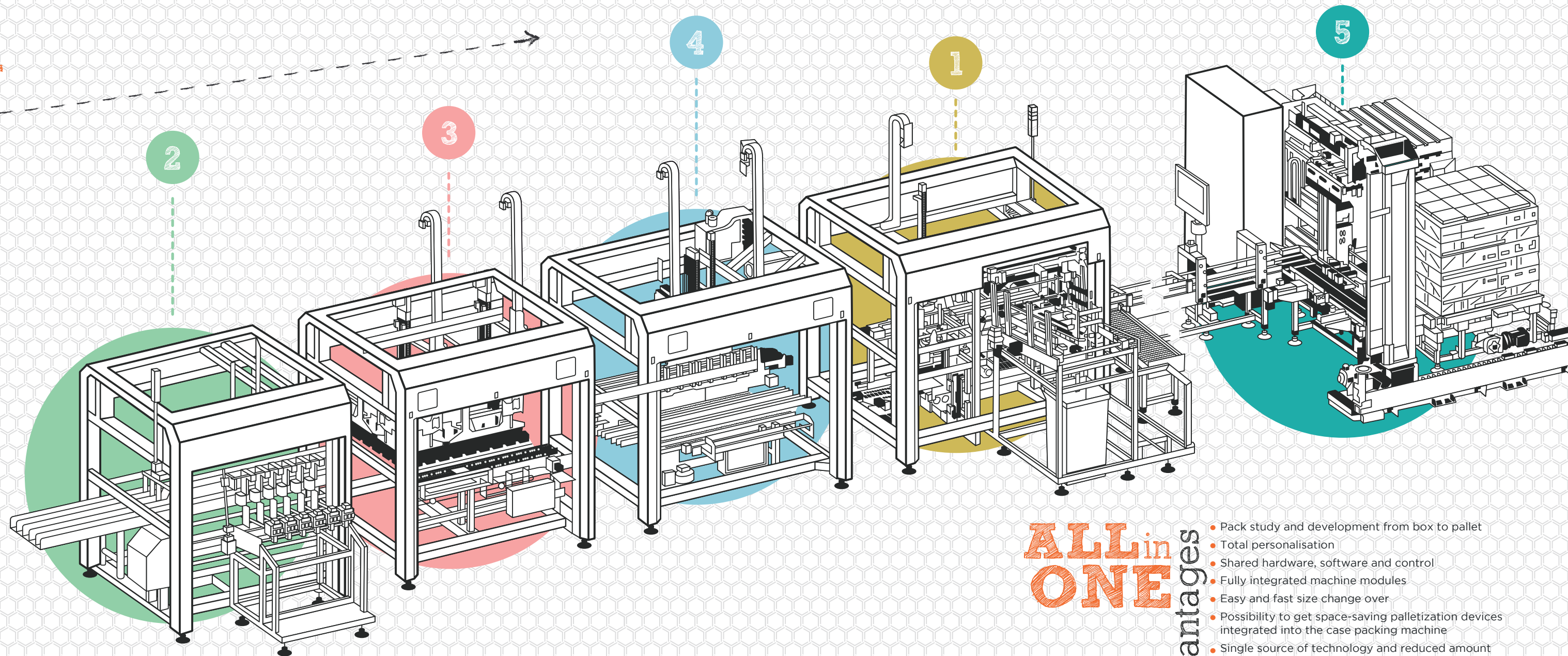
There's no standard **All in One**, each system is tailored on to your project.

The **All in One** concept is composed of independent cells working together, so that it's possible to fit between each unit conveyors, elevators, accumulation devices, etc. Checkweighers, labellers and metal detectors can also be integrated in the line.

Carbon Fiber

For our standard equipment's movable arms of axis and robots, we have selected carbon fiber because of its mechanical properties.

This light weighting material offers significant life-time power-consumption savings, as it requires smaller complementary components to match the lower inertia.



ALL in ONE

Advantages

- Pack study and development from box to pallet
- Total personalisation
- Shared hardware, software and control
- Fully integrated machine modules
- Easy and fast size change over
- Possibility to get space-saving palletization devices integrated into the case packing machine
- Single source of technology and reduced amount of spare parts to keep in stock
- User friendly advanced HMI
- Remote assistance possible also trough built in cameras
- Single point of contact and technician service support



You
MAKE
WePACK it!



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