



Insertion Robot ER 10 for Thermo-forming Machines

The Extended Arm of your Packaging Rooms

“Optimisation of production sequences, while ensuring the strictest hygiene controls” is the typical wording of requirements stipulated to mechanical engineers. ALPMA has successfully mastered this with the development of the Insertion Robot ER 10

The insertion device closes the gap between the portion cutter and the thermo-forming machine. Products diverse in consistency and shape, ranging from a portion of Feta to a segment of Gouda are gently transported, collected and arranged. Then the portions are inserted into the thermo-forming machine with total precision by means of modern servo technology.

The advantages of this compared to conventional conveyor insertion systems are clear. Due to the extreme precision of the insertion arm, any correction of position which is made by an operator is no longer necessary. The optimum adjustment of packaging material and tool size for each particular product ensures the highest degree of economy.

At the same time “the highest product quality” remains in focus. The portioned products are no longer touched by hand, thus excluding any possible source of contamination from the outset. The easily accessible, yet space-saving stainless steel construction, as well as the easily-removable changing parts for cleaning round off the high hygiene requirements of the Insertion Robot ER 10.

The use and value of “Hygienic Design”-installations become particularly apparent during the production of demanding cheese types, such as Feta whose aggressive brine requires intensive cleaning procedures.

Despite its complex control technology, the operation of the ER 10 is extremely easy to master thanks to its perfected touchscreen with intuitive pictorial directions.

Subject:

ALPMA ER 10

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