

70-years' experience in customer-driven innovations

TREPKO delivers full packaging lines with different types of unit packaging and a great variety of end-of-line solutions. Among our latest releases we have an integrated system for product mixing and filling and a double indexing feature in rotary machines and further development of aseptic machines.

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For more than 70 years TREPKO has had a very special attitude to the packaging innovations for our customers. Their common feature is the fact it's customer-driven. The TREPKO's vision of the innovation process is always based on the customers' visions and specific goals that must become embodied in the form of a new product, new packaging or a new process.

TREPKO's activity concentrates on

two innovation types: process innovation and product innovation, which are closely connected which is treated as a sequence within the same project. Very often, new market possibilities can even be multiplied thanks to an investment in TREPKO's equipment and flexibility.

Recently, a number of interesting new solutions that illustrate the TREPKO's innovation policy have been introduced.

A new system for mixed product filling

Thanks to a new dosing system, rapid flavours change is made possible. It's a Small machine in respect of footprint dimension which is prepared for fast short batches, which gives the possibility to prepare a huge variety of flavours to be produced with minimum product, water and media loses.

Smart product delivery installation is based on two dosing systems, one for white mass, and the other for e.g. different flavours of fruit with separated CIP system. The measured flavour is injected into the pipe coming from the main hopper. White mass and fruit is delivered through the mixer by the main dosing system into containers. A dynamic mixer, mixing two components together. The speed of the dynamic mixer is adjustable from the HMI touch-screen panel, by this design a perfect mixing result is guaranteed.

For flavour change the automatic CIP manifold and the main dosing pump is activated, thereby it is possible to flush the dynamic mixer and the dosing cylinders, at the same time keep the white mass in the main hopper. Additionally it is a huge reduction of fruit as well as the white mass waste with a guaranteed reduction of the changeover time.

Double-indexing rotary and in-line machines

Another perfect example of customer-



Dry Filler

driven innovation is represented by a number of delivered filling machines with a double-indexing feature. Thanks to this feature, different product and packaging combinations are being filled at the same time. Such solutions are based on a modern driving technology.

Using two different packaging types on the same machine and at the same time does not limit other machine functions, such as additional dry fillers. These types of machines are very popular both in the rotary and in-line versions.



Double Index Rotary Filler

Ultra-Clean and Aseptic solutions

The consumer requirements of the product safety keeps growing, and a failure to meet them can be very expensive for a dairy producer. TREPKO is ready to share this responsibility and therefore pays special attention to further improvement of the hygienic features of the filling machines. Both rotary and in-line machines are delivered today in the Ultra-Clean standard with packaging sterilisation. At the same time, the

TREPKO's dedicated team can offer in-line aseptic machines with a proven sterilisation efficiency, which has been certified by an independent laboratory with the killing rate level of log 5, 9.

TREPKO's premises

These are very few examples of the TREPKO's innovation potential. During the past years TREPKO has grown not only in numbers, but, first of all,

in capabilities. Today we are ready to deliver full packaging lines, including both different types of unit packaging and a great variety of end-of-line solutions. All of this is available from the TREPKO's own premises with technical support included.

Thanks to these possibilities TREPKO is prepared not only to deliver packaging machines, but assist at implementing the boldest customer-driven innovations. ■

Technology for your ideas



Trepko



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