

THE TETRA PAK® R1 LINE

OPEN UP
TO THE
21ST CENTURY
ALTERNATIVE
FOR CANNED FOOD



Open Up

to a Fresher Food Experience



The 21st century alternative – from Tetra Pak, the leader in the packaging industry

With over 50 years of experience, Tetra Pak has revolutionized the dairy and beverage industry. Now we revolutionize the retortable foods industry with another breakthrough innovation – Tetra Recart.

Tetra Recart is the first retortable carton packaging and processing system for food, opening up a world of new possibilities for revitalisation throughout the value chain.

Tetra Recart has been specially developed to cater to the food industry's demands on capacity, efficiency and cost with an increased focus on added consumer value.

Efficient

Efficient in production and handling throughout the value chain, the foldable square-shaped package is extremely compact and space efficient in transport and storage.

Natural

Tetra Recart is based on paperboard which is a renewable resource. It is designed to be recyclable and fits into all existing carton waste streams.

Handy

The conveniently shaped package is light and comfortable to carry, compact to store, simple and safe to open and easy to flatten for disposal.

Safe

Tetra Recart has a perforated edge for easy opening, offers no risk from breakage and depending on the filled product, comes with a shelf life of up to 24 months.

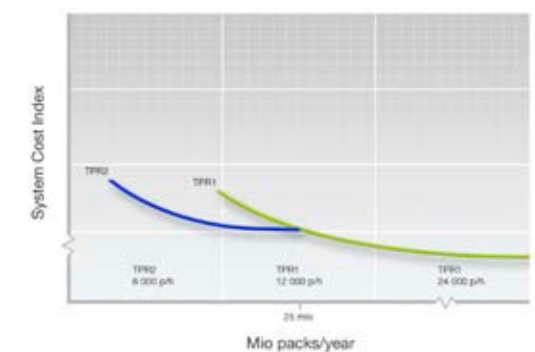
Tetra Recart is an effective and powerful packaging and processing solution for the market of tomorrow. Tetra Recart gives you the power to revitalize your products to meet the demands of the modern consumer.

Global experience – local presence

With Tetra Pak as a partner you receive global experience combined with local presence. We are dedicated to providing the world's most efficient packaging solutions with a strong commitment to innovation and a clear understanding of customer needs.

Our 24/7 global support network of skilled technicians provides all the support your business requires. We offer training programs and spare parts through our local market companies.

The Tetra Recart packaging platforms, TP R1 and TP R2, give you the benefit to match your capacity needs of today and tomorrow.



The two platforms, TP R1 and TP R2, give you the opportunity to secure the lowest system cost.

Tetra Pak R1

– accelerate your business into the future



Your future packaging solution

Tetra Pak R1 is designed for the high-volume producer who demands efficiency, size flexibility and reliability.

Capacity and flexibility

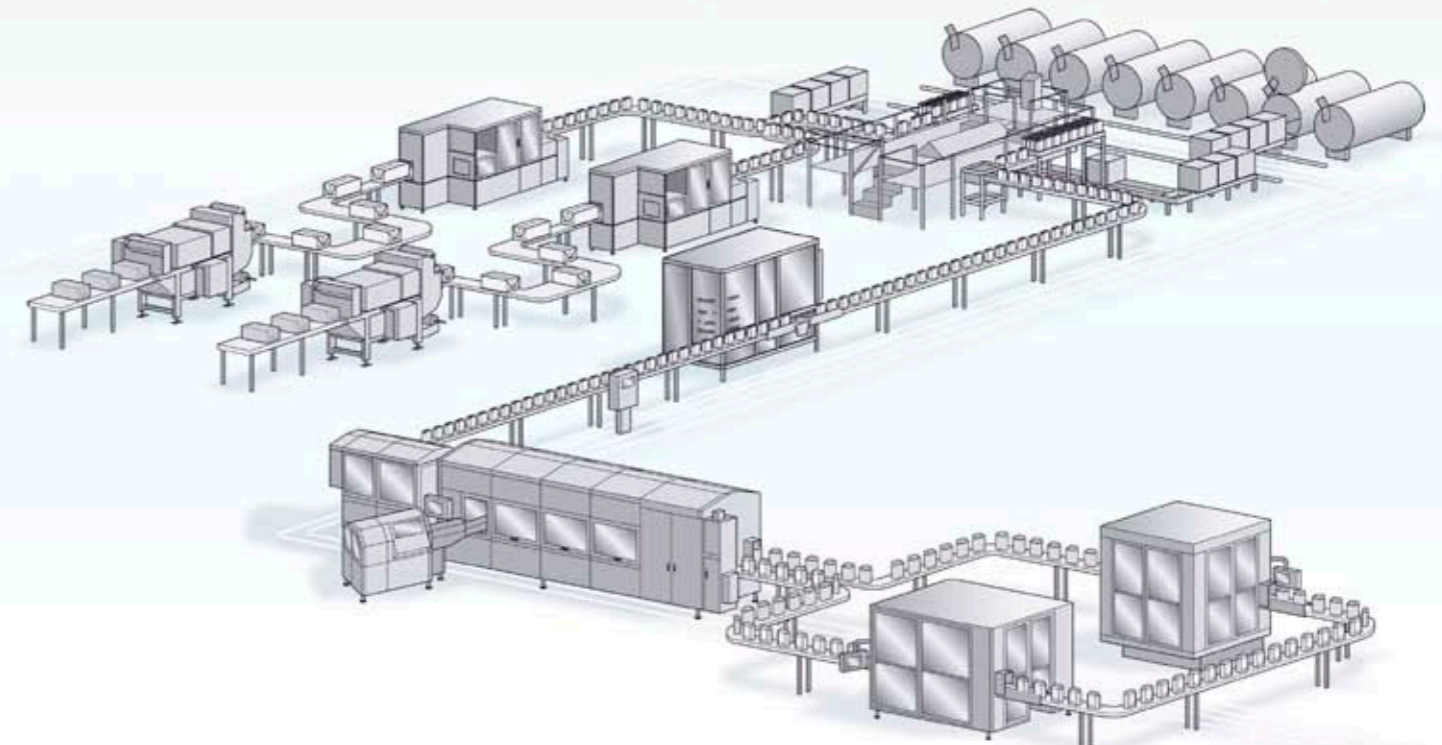
Tetra Pak R1 can run up to 24 000 packages/hour depending on the filled product with smooth operation in one flow throughout the line. Multi-speed operation allows you to easily ramp up to meet your seasonal peaks with the ability to run multiple products and multiple package sizes.

Modern design

A smart modular design with easy operation provided by a flexible choice of automation levels coupled with an intuitively simple interface with touch screen controls. The modern, high quality, stainless steel design works to high hygiene standards and helps to provide a safe, healthy and low-noise working environment.

Low operating costs

Tetra Pak R1 allows for cost efficient and easy maintenance. With a high level of automation and ease of use, fewer operators are required. Constant performance monitoring and reporting helps to optimize your output.



Tetra Pak R1 line overview

Tetra Pak R1 line provides continuous production flow for filling, forming, processing and secondary packaging at high speeds. Modular equipment design and a range of automation levels provide a modern and flexible production line.

Form and seal machine and filling

Tetra Pak R1 creates formed packages that are filled in standard rotary fillers. After filling, the Tetra Pak R1 seals the packages before final forming.

Heat treatment

After filling and final forming, conveyors transport the packages to a handling system that loads packages onto racks prior to heat treatment. After heat treatment the racks with packages are fed back into the handling system that unloads the packages onto conveyors that transport packages to secondary packaging.

Secondary packaging

At the secondary packaging stage, packages are grouped and packed in trays and film wrapped as required for distribution purposes. A wide range of standard Tetra Pak equipment is available to provide secondary packaging solutions.

The Tetra Recart package family – offering a variety of packaging sizes



Filling a variety of products

Thanks to the unique packaging material and a new forming and sealing technique, food products such as vegetables, beans, tomatoes, soups and sauces can be sterilized inside the carton package using a variety of filling options. Food traditionally packed in cans, glass jars and pouches can now be filled in the convenient and cost-efficient Tetra Recart package.

Secondary packaging solutions

The cardboard packer and film wrapper solutions protect your product and make it easier to handle in large quantities. Engineered for flexibility, the equipment can be configured to suit the retailers' needs. Large surface areas on the trays provide an ideal opportunity for print branding, merchandising or promotional messages thus increasing in-store visual impact.



The package solution that suits your needs

The Tetra Recart package range

The Tetra Recart Family consists of four packaging sizes (500 ml, 390 ml, 340 ml and 200 ml) to meet the variable needs of the producer and the consumer. The 200 ml size is only produced in the TP R2 platform. The geometry of the Tetra Recart package combined with modern printing techniques provides a great opportunity for your product to communicate directly with the consumer from the shelf.

Our product development is closely aligned with the market demands and we are offering a variety of possibilities to customize your product need.

The environment – a part of our philosophy

At Tetra Pak, we are committed to managing and reducing the environmental impacts of our products throughout their life cycle. The Tetra Recart packages are based on renewable resources and fit existing recycling systems for beverage cartons. Tetra Recart complies with applicable food safety requirements and the European Union Directives on Packaging and Packaging Waste.

Open Up to the 21st Century Alternative for Canned Food



TECHNICAL DATA SUMMARY

Line Speed	9 000, 12 000, 16 000, 20 000 and 24 000 packages per hour
Products	High-acid and low-acid foods with particles of various sizes
Package size	TRC 340 Midi, TRC 390 Midi, TRC 500 Midi
Changeover time	One shift (8 hours)
Sterilizing technologies	Static retorts Tunnel pasteurisers Spiral pasteurisers
Filling equipment	Piston fillers Pocket fillers
Handling equipment	Fully automatic
Other equipment	Accumulation equipment Ink jet code printers Level control Package line monitoring system Cardboard packer Tray shrink Conveyor


Tetra Recart is a modern, innovative and renewable packaging system for the food industry. It is the first retortable carton package for shelf-stable products, e.g. vegetables, beans, tomatoes, soups and sauces – foods which have traditionally been packed in cans, glass jars and pouches. This exciting development was made possible by the invention of a revolutionary new packaging material and a new forming and sealing technique which means that filled product can now be sterilized within the package to extend its shelf life for up to two years.

The result is a carton that meets the 21st century consumers' demands for safety, convenience and environmental performance. Whether in the kitchen cupboard or on the retailer's shelf, the package's square shape offers excellent space efficiency and visibility. Food producers can use this appealing, modern package to boost sales in mature product categories and revitalise existing product ranges. With production costs equal to or even lower than that of cans, Tetra Recart is also an economically viable way for brand owners to meet the future.

Over 300 product references across the world.

Visit www.tetrapak.com or contact Tetra Recart main office:
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