Sustainable manufacturing for healthy living

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EVP Processing Solutions and Equipment
Tetra Pak







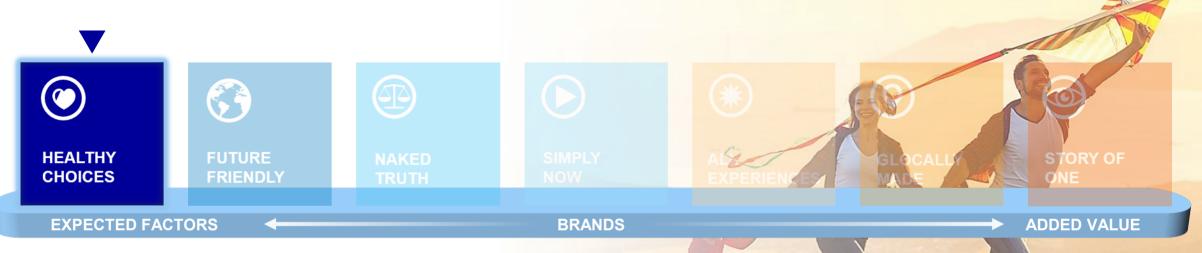


Global drivers of change towards 2030





Consumer trends





Health has been a top trend for a long time, but it is now reaching new heights.

Consumers are seeking a **healthy lifestyle** through all of life's perspectives – which impacts on **what we consume**, **how we work and exercise for mental wellbeing** – they all play a major role in projecting a healthy self image.



Consumer trends





With continuing population growth and an increase in extreme weather events, the planet and food supply are under a great deal of stress.

Consumers are becoming increasingly aware of the need to preserve and protect the world's resources for future generations. There is now almost an expectation that brands ensure what they offer is kind to the planet and to humans.



World's first fully renewable package

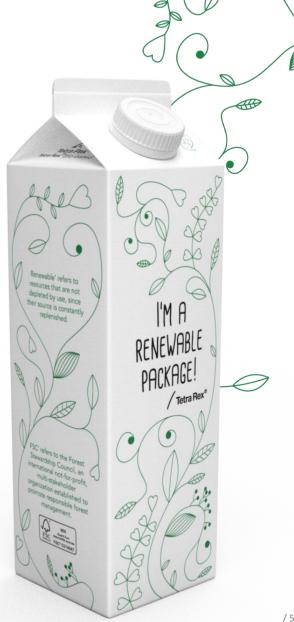
Tetra Rex® Bio-based

The first fully renewable carton package on the market

Using materials from renewable resources for the cap and the packaging material coating

Manufactured solely from a combination of plastics derived from sugarcane and paperboard







Strategic development direction

For processing equipment and solutions

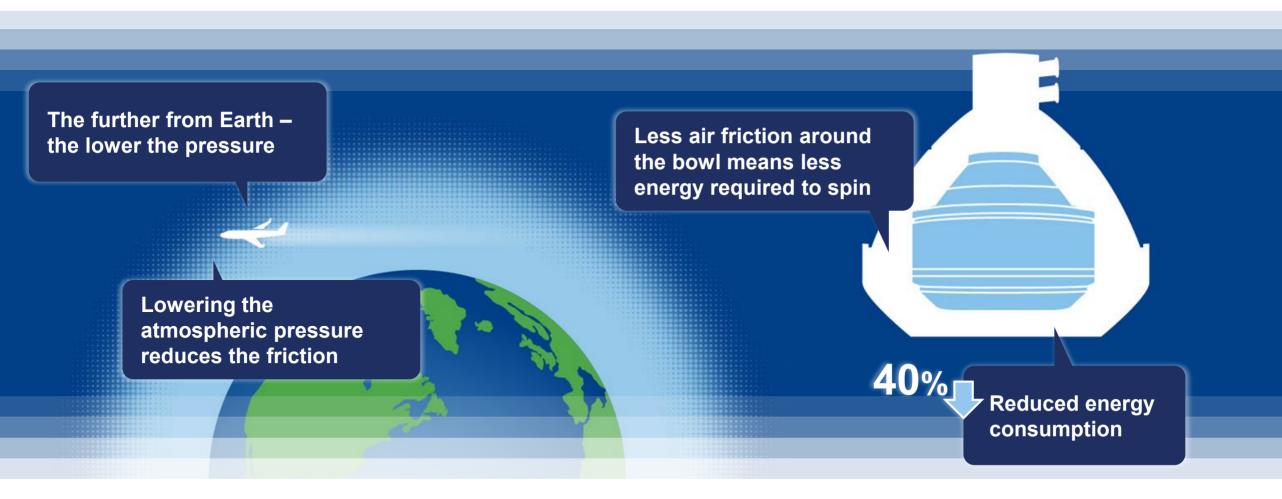






Encapt[™] Technology – inspired by low friction in space

New Tetra Pak® Separator technology launched in 2018





New homogenization technology

- less environmental impact

New digital Tetra Pak® Homogenizer 250 launched in 2018

Steam barrier solution

12%

Water recycling Smart Control 70%

'Turnable' parts doubles the life time + self diagnostics **x2**







Whey processing – reduces the environmental impact

'Plug-and-play' whey filtration units make it easy



Membrane filtration

Plug-and-play units for whey filtration
Water savings
Lower energy consumption
Cost-effective way to eliminate volume





New Ice Cream Filler - designed for lesser impact

Tetra Pak® Ice Cream Filler A3

Reducing effluents thanks to reduced product waste and "give-away"

Fast and easy cleaning reducing detergent and water usage

Optimizing equipment and systems secure minimized CO₂ impact





Partnership enables uniform high quality

Tetra Pak® Standardization unit with continuous protein control

Launched 2019:

The only method for the continuous accurate measurement and control of protein and fat

Unique collaboration between the experts in milk standardization and milk analysis

Unique guaranteed ratio performance for continuous fast and accurate data and reaction to data

FOR THE **BEST ROI** ON THE MARKET

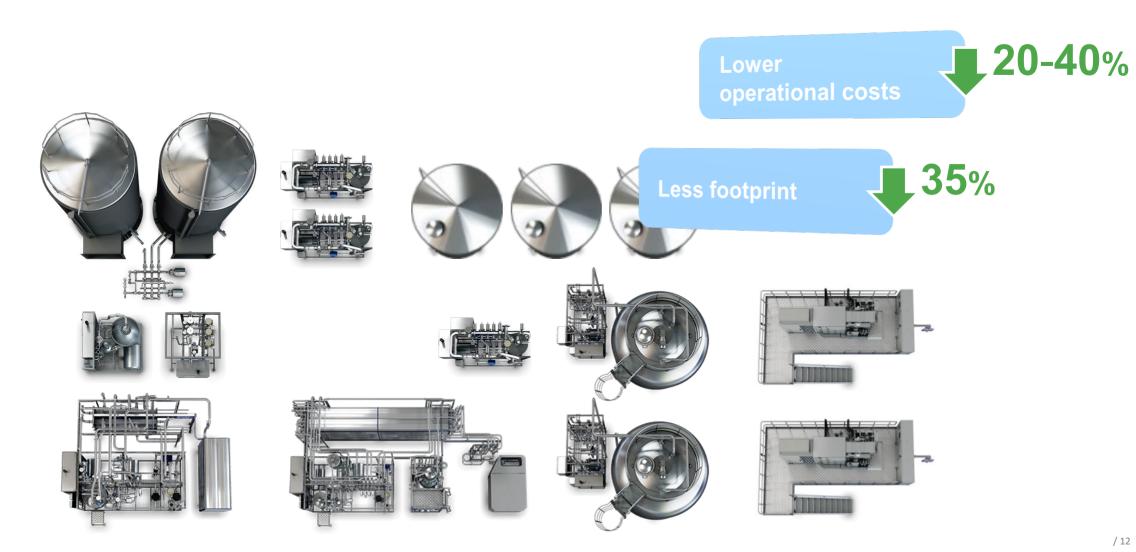
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A holistic view on line design

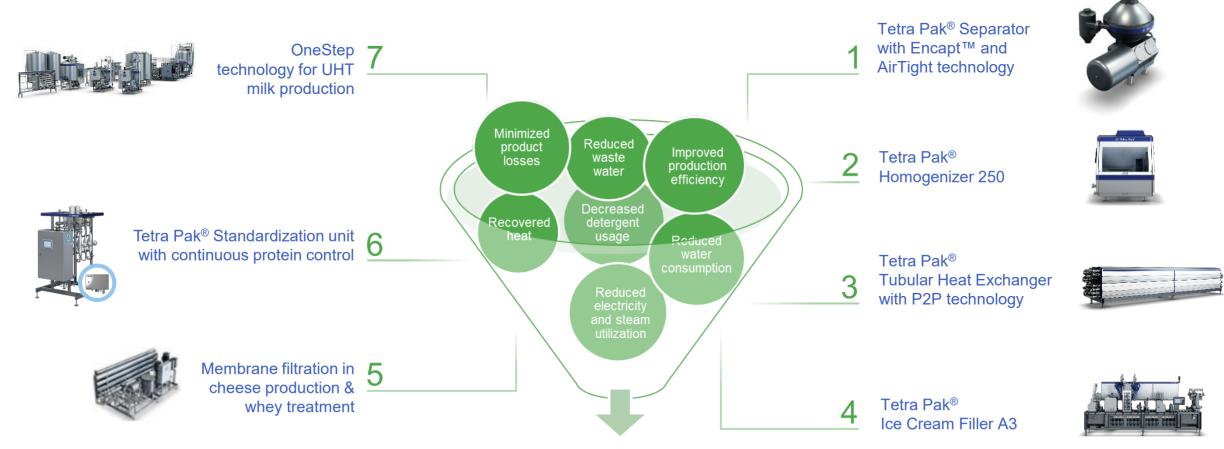
Example: 'OneStep' UHT line reduces the environmental impact





Whatever you produce. Whatever your priorities.

Environmentally sound solutions and equipment

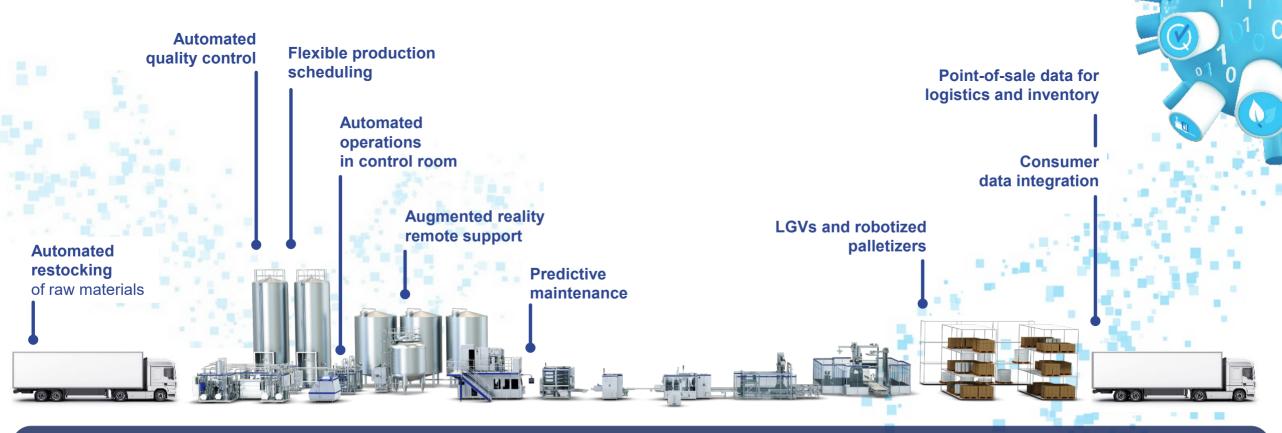


Operational cost and environmental savings



Industry 4.0 & Tetra Pak® PlantMaster for our industry

Fully integrate key process data and secure quality



Raw material Processing Packaging Warehouse Distribution

Cross-site benchmarking, planning optimisation and market-based capacity allocation



A global network of facilities to support customer success

Customer Innovation Centres and Product Development Centres



