

“Next big thing”

Presented by: Francesco Faella



19 November 2024

 **Tetra Pak**[®]
PROTECTS WHAT'S GOOD

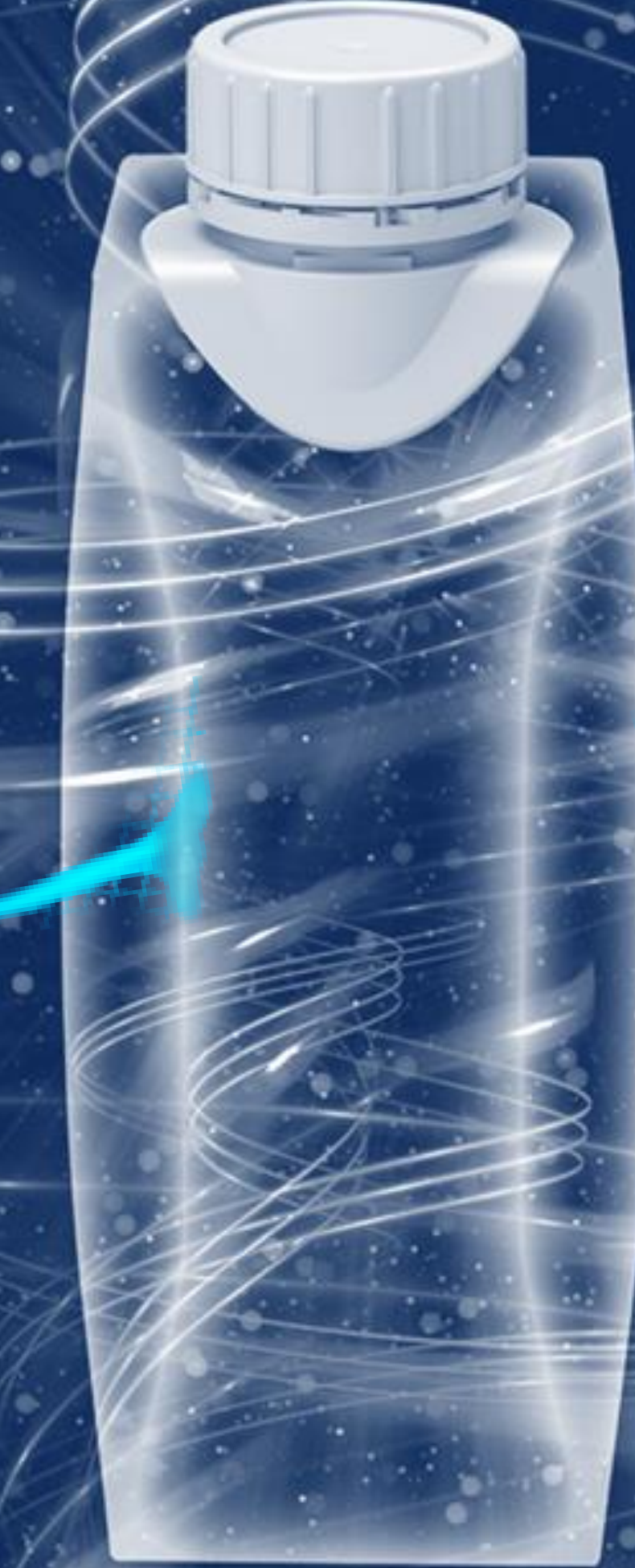


Innovation is the force keeping us relevant for the future to..

Live up to our
purpose &
commitment
Protect Food,
People & Planet.

Secure our and
our customers'
competitiveness.

Deliver the value of
a true end-to-end
food and beverage
production solution.





How do we innovate?

Our Innovation Toolbox and Eco-system



Customer Innovation Centres (6) & PDC (9)



R&D Strategic Partnerships (16)



Consumer Studies (40+)



Customer Voice (200+)



Investments in Technology (75m€/y)



Our 5 key R&D priorities

The direction of our innovation force



The most sustainable package in the world



Connected & Smart Factory operations



Reduction of customer Total Cost of Ownership (TCO)



Innovative packages with right size & functionality for customer growth



Robust & high performing capital equipment

50+ solutions released annually - 1 700 employees – 145 patents filed in 2024.



Our ambition

...to deliver the world's most sustainable food package.

That is, a food package made solely from responsibly sourced renewable or recycled materials, is fully recyclable, and has the lowest possible carbon footprint.





Stay relevant and create a unique Tetra Pak solution

Addressing the “new rules” of packaging circularity and CO₂ impact

Simplification of material

Increase value for recyclers

~50% CO₂ emission reduction

Reduce impact on climate

~80 – 90% paper content

Maximize paper content





The Digital Bridge

From Data to insights that trigger actions



Data Ingress

Calculation Engine

Data Modelling

Digital Edge

Time

Transactions

Machines



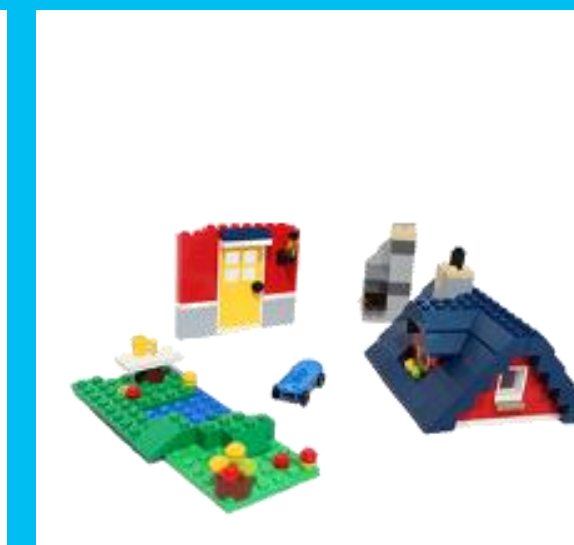
Data Collection



Data Preparation



Data Contextualization



Data Modelling



Data Visualization & Analytics

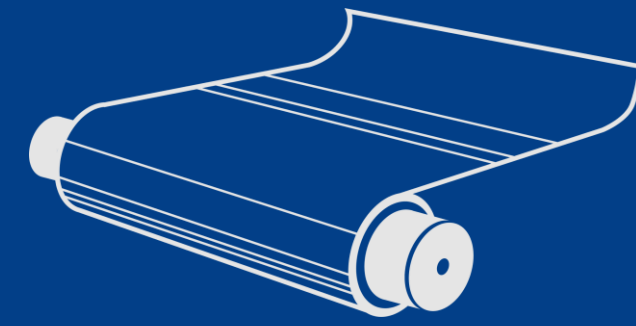
Production
Quality
Scheduling
Asset Management
Energy Management
Materials Management
Track and Trace





Reduction of Total Cost of Ownership (TCO)

Some examples...



Packaging material optimization for Spirits

Fit for purpose



Increase good packs on E3/SH & A3/S

- "Low level" filling on E3/SH
- Up speeding on A3/S lines



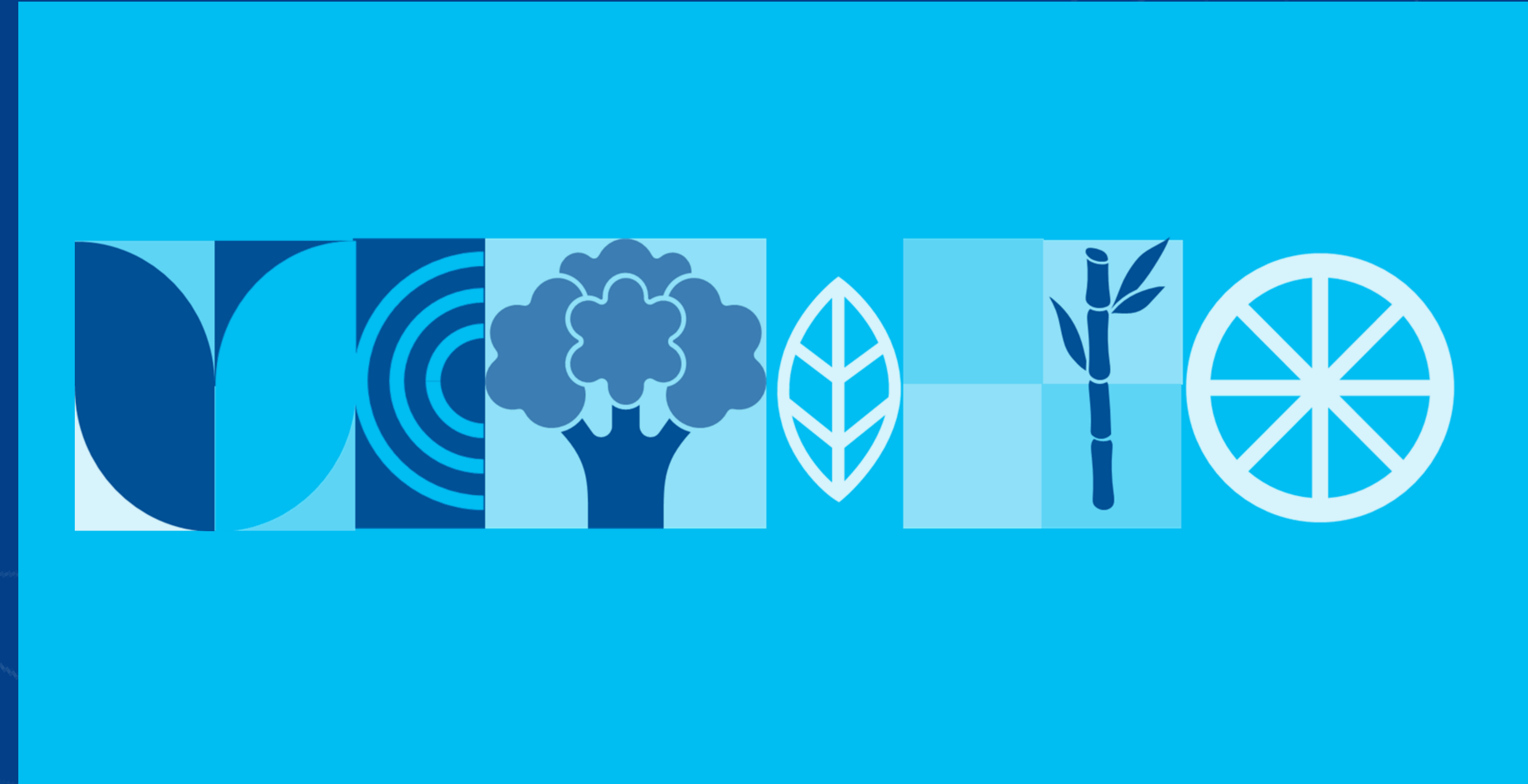
Maintenance cost optimization for E3/SH

Redesign of 3 key parts



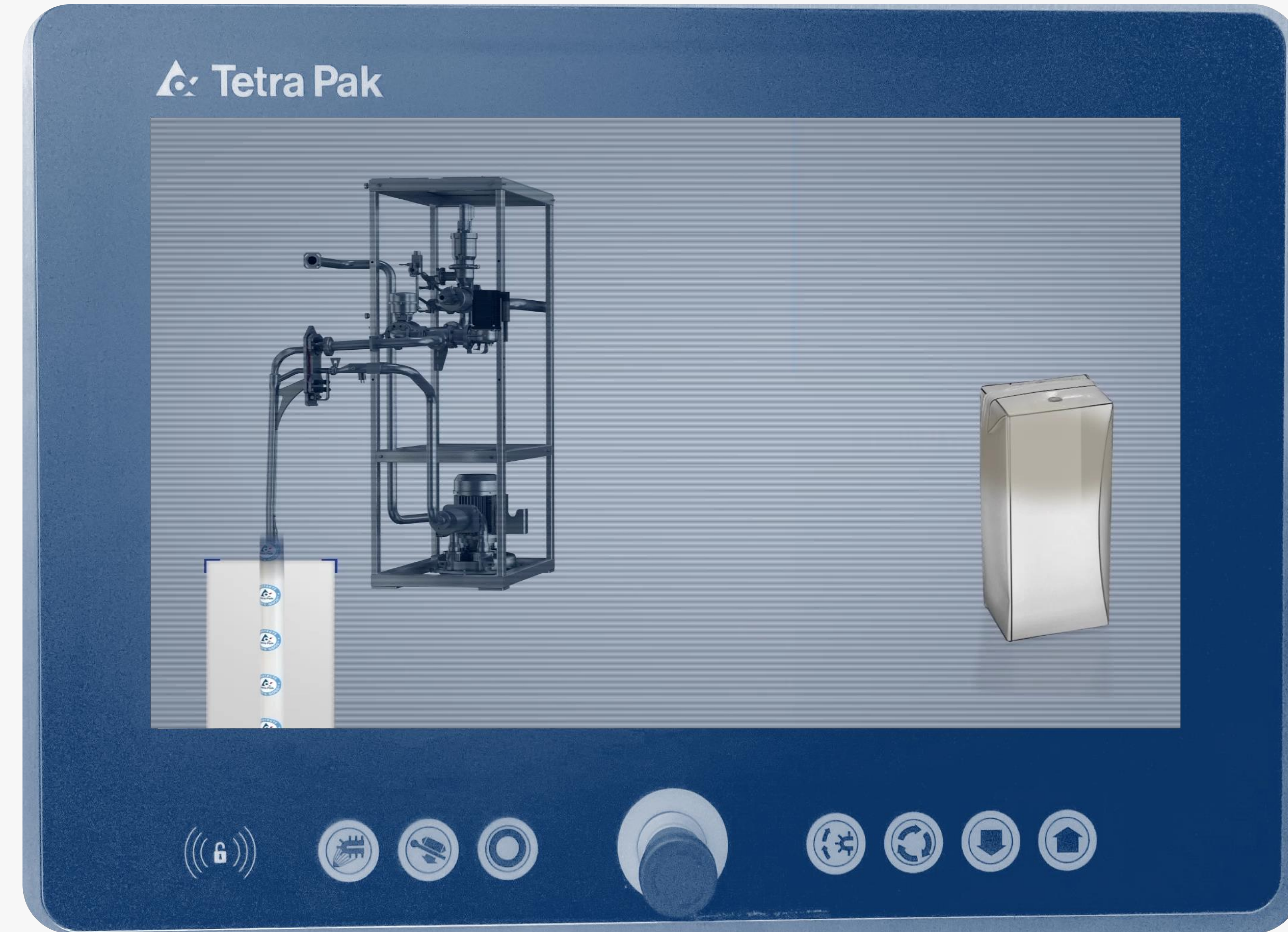
Efficient Water recycling unit

>95% water saving





E3/SH - "Low Level" filling



Reduced waste
(up to 500 less packs/24 h)



Increased flexibility
(-20% volume with a click)





E3/Speed Hyper – Package pipeline

More packages to come...



up to 2023

Tetra Brik® Aseptic

- 150 Ultra
- 200 Slim leaf
- 250 Base



2024

Tetra Brik® Aseptic

- 250 Slim
- 125 Slim leaf



2024 on ward

Tetra Brik® Aseptic

- 100ml (Q4/26)



Grow your on-the-go offering

Tetra Prisma® Aseptic packs from 200 to 500 ml with DreamCap™



	TPA 200E	TPA 250E	TPA 300E	TPA 330Sq	TPA 330E	TPA 400E	TPA 500E
Released to market	✓	✓	✓	✓	Q4 2025	Estimated 2027	✓
Filling machine	A3/Speed Coming soon	A3/Speed			A3/Speed Coming soon	A3/Speed Coming soon	
	A3/Compact Flex	A3/Compact Flex	A3/Compact Flex	A3/Compact Flex	A3/Compact Flex Coming soon		A3/Compact Flex
Under fill volume	190 ml	237 ml Coming soon	285 ml	325 ml	325 ml	414 ml	476 ml



Tetra Pak® A3/Speed

Package offer

Portion packs <500 ml



Portion packs <500 ml



Family packs >500 ml



Tetra Brik® Aseptic



Tetra Prisma® Aseptic



Tetra Stelo® Aseptic



Tetra Brik® Aseptic



*Under development and/or in prioritization



Revolution in the liquid food industry by eliminating the use of straws and adding a container to drink directly from.

Maximum efficiency in high-speed technology, eliminating the cap applicator.

Value-added solution for children as the main target for portion-sized juices.

New, more convenient.





Tetra Brik Aseptic® 1000 Edge LightTab30

Driving cost efficiency in current family packs pre-applied portfolio



Lowest entry point for
TBA 1000 Edge

-5% vs Tetra Brik Aseptic®
1000 Edge LightWing30



Competitive &
sustainable

Lightest cap: 1.36 g, 73%
paper content



Launch:

2024*

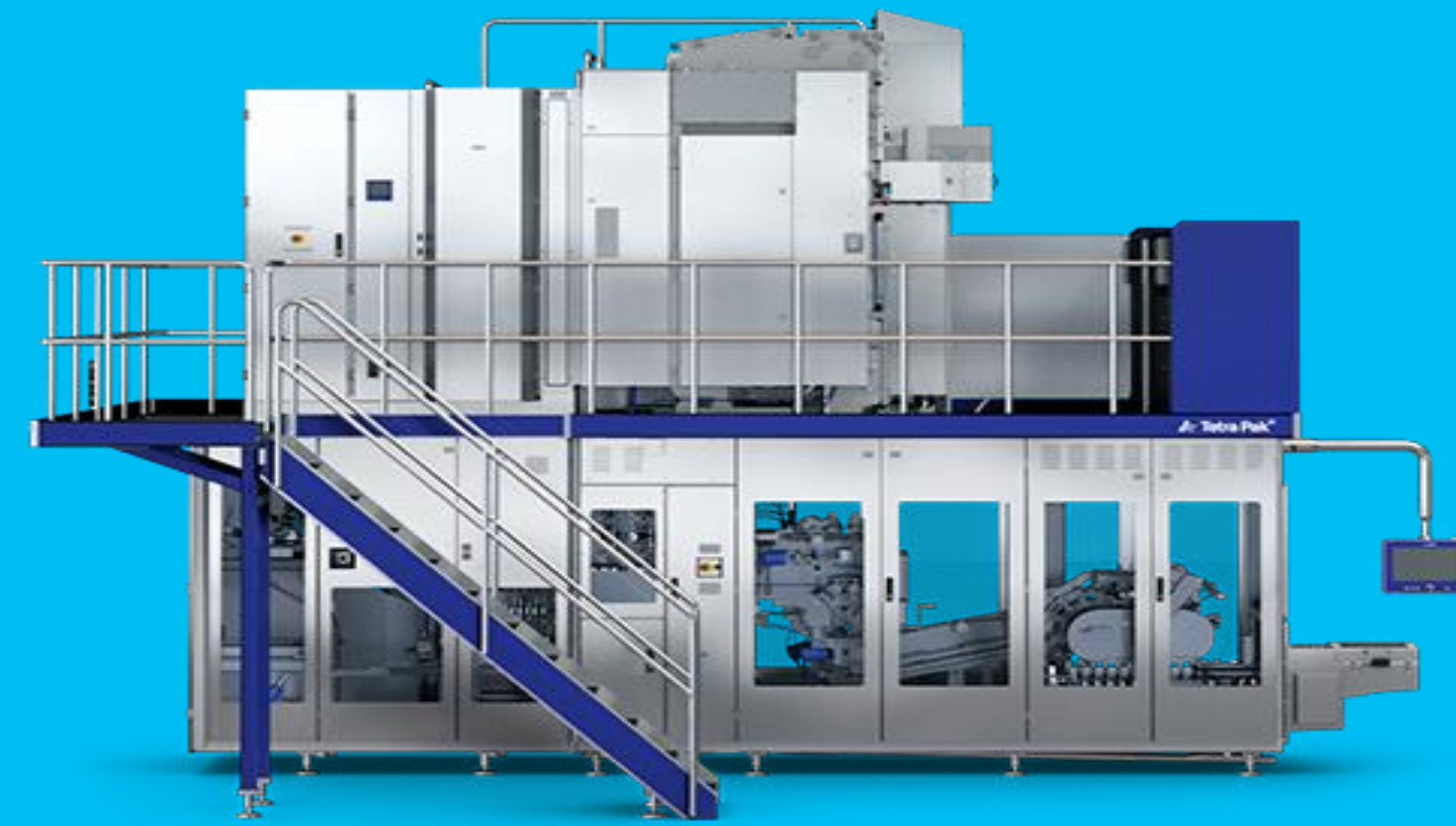
(*Field test ongoing)





2 new platforms in development

And 1 in global deployment phase



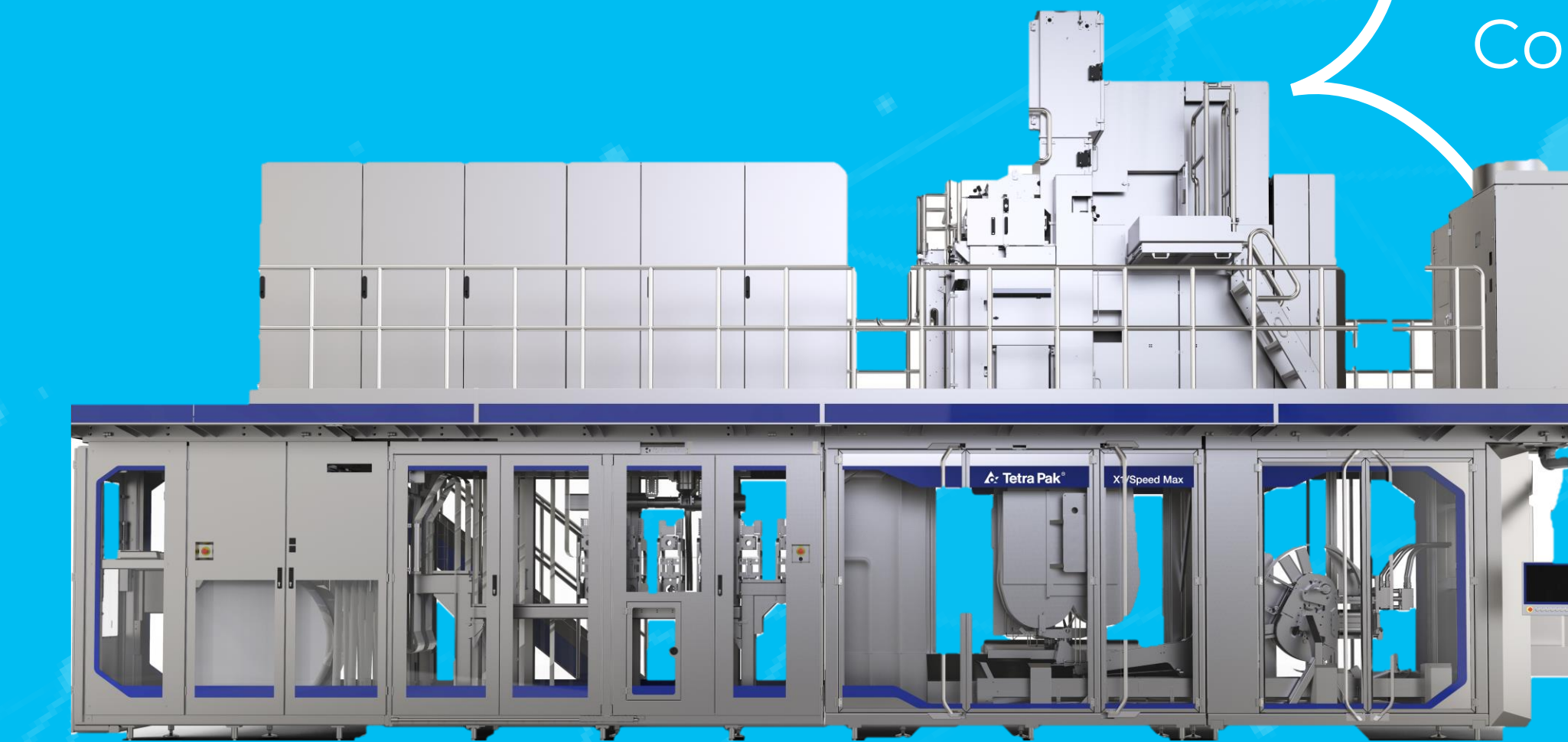
Tetra Pak® E3/Speed Hyper

-45% water consumption	40K Packs per hour	Upto +60% output
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Tetra Pak® X1/Flex Plus

-30% water consumption	-25% unplanned stops	Upto +15% output
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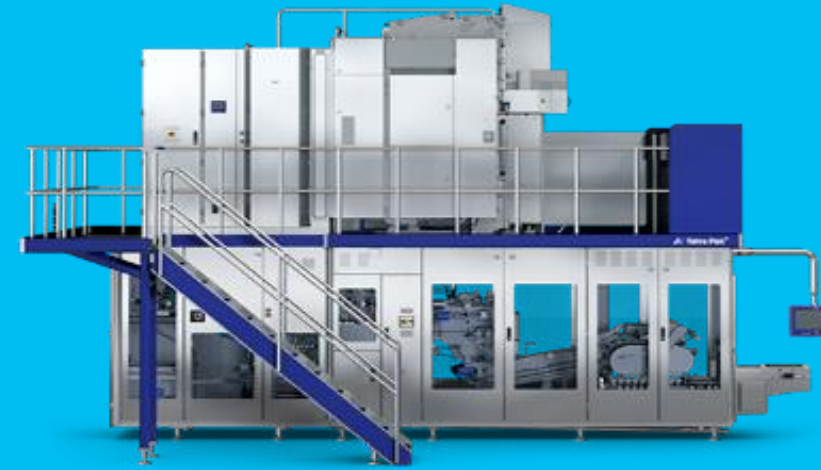
Tetra Pak® X1/Speed Max

-50% packaging material waste	-20% Operator time	Upto +20% output
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It is not only new filling machines, we have new full line solutions

Tetra Pak®
E3/Speed
Hyper



Tetra Pak®
Accumulator
Helix 40



Tetra Pak®
Straw
Applicator 40



Tetra Pak®
Cardboard
Packer 40



Coming soon

Tetra Pak®
Line Controller 40

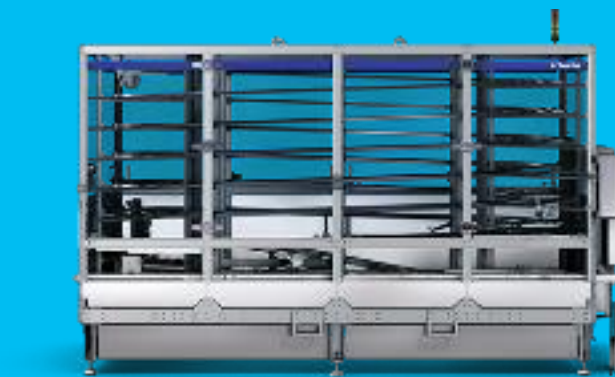


Tetra Pak®
X1/Flex Plus



Coming soon

Tetra Pak®
Accumulator
Helix 30



Tetra Pak®
Capper 40 Flex



Tetra Pak®
Cardboard
Packer 34

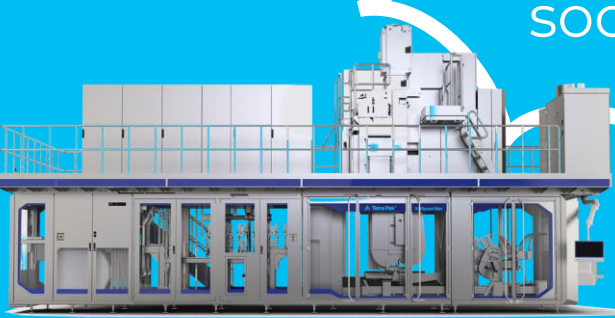


New

Tetra Pak®
Line Controller 40

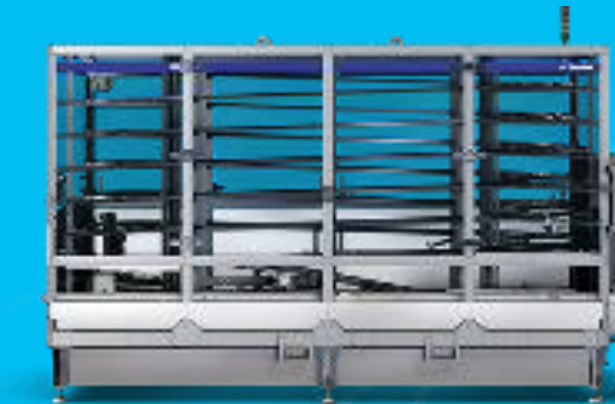


Tetra Pak®
X1/Speed
Max



Coming soon

Tetra Pak®
Accumulator
Helix 30



Tetra Pak® Cap
applicator 40
Speed Hyper



New

Tetra Pak®
Cardboard
Packer 40



Coming soon

Tetra Pak®
Line Controller 40





Summary

Innovation drives our purpose – Protect Food, People & Planet.

We collaborate with partners, customers & consumers to get access to knowledge, capabilities and insights.

Our priorities are clear and serves the needs for our customers, short, mid and long term.



Thank you!

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November 2024

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