

Tetra Pak® E3, a filling machine platform bringing the breakthrough technology eBeam to the beverage carton industry for the first time



eBeam replaces the traditional hydrogen peroxide (H₂O₂) sterilisation process for packaging materials. The benefits are:

REDUCED OPERATIONAL COST

Maximum capacity of up to

40,000

portion packs per hour

More than

60% increase

in capacity compared to Tetra Pak® A3/Speed for Portion Packages

Opportunity to save as much as

20%

in operational cost due to the improved efficiency

INCREASED PRODUCTION FLEXIBILITY

Tetra Pak E3 has taken a modular approach in its design

This allows customers to move from

pasteurised filling to **extended shelf life production**

by simply installing an eBeam kit enabling customers to easily switch between pasteurised or ESL production orders on the same machine



BETTER ENVIRONMENTAL PERFORMANCE

Use of eBeam instead of H₂O₂ means

easier water recycling

and packaging and product waste is

reduced

Electricity saving from H₂O₂ preheating, heating and drying can be as much as

33%

based on pilot tests at customer sites