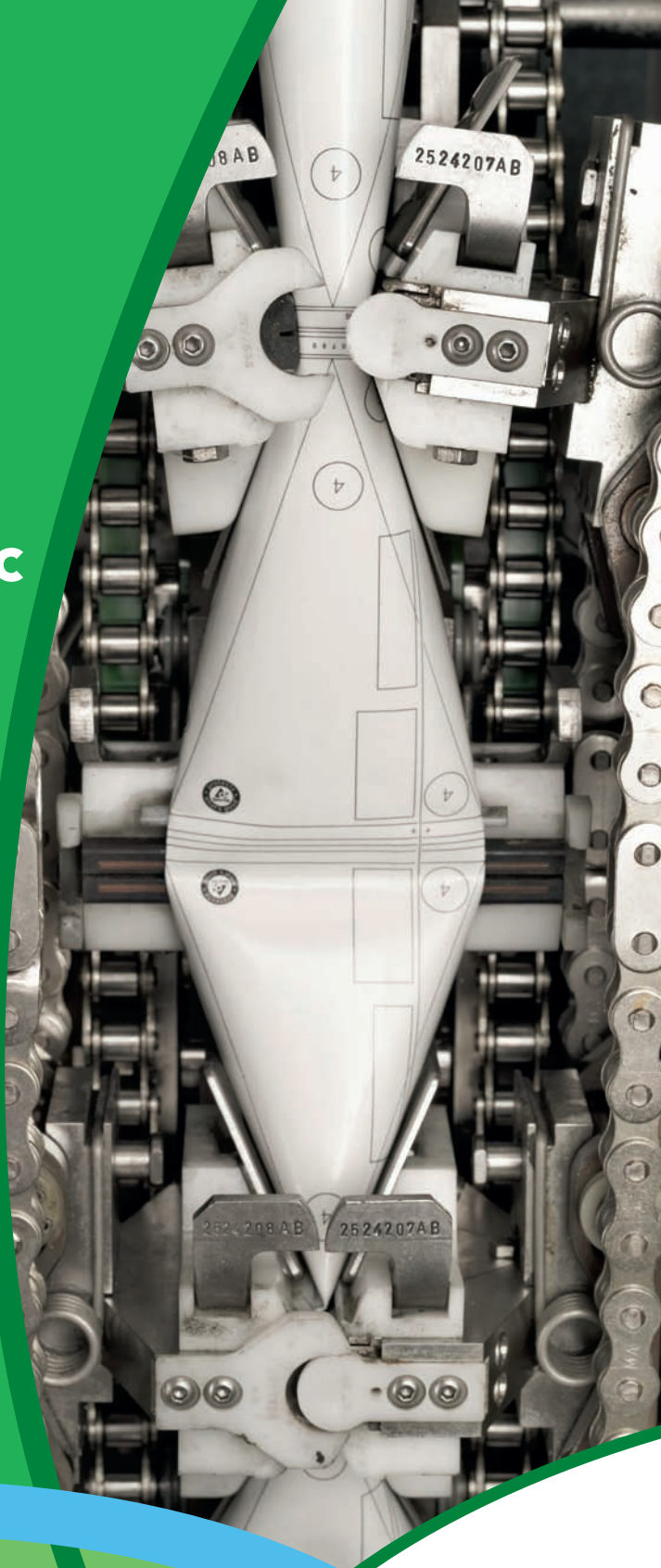


Tetra Pak® A1 for Tetra Classic® Aseptic



A NEW GENERATION FILLING MACHINE FOR A CLASSIC PACKAGE

Invented over fifty years ago but still as modern as ever, the Tetra Classic Aseptic is suitable for a broad variety of product applications, from orange juice to cream puddings. By protecting product quality without expensive refrigeration, keeping logistics costs low, and providing a brandable graphic surface with pleasant texture, the Tetra Classic Aseptic is all about 'affordable fun'.

Now you can package your tasty, nutritious products in the much-loved Tetra Classic Aseptic package, more competitively than ever. The Tetra Pak A1 for Tetra Classic Aseptic is based on a new generation of packaging line technology - the Tetra Pak A1 platform. It achieves lower costs, higher capacity, higher quality and greater resource efficiency, at a low start-up investment.

QUICK FACTS ABOUT THE TETRA PAK A1 FOR TETRA CLASSIC ASEPTIC

- > **Packages produced:**
TCA 65ml Slim, TCA 100 ml Slim, TCA 150 ml Slim, TCA 200 ml Base.
- > **Filling machine capacity:**
from 10,500 to 17,500 packages per hour





EVERYONE LOVES THE TETRA CLASSIC PACKAGE!

With its easily recognisable tetrahedron shape, the Tetra Classic Aseptic is a well-known, popular package the world over. Its flat printable surfaces provide effective ways to display logos and marketing messages, making this package a great vehicle for promoting your brand. The Tetra Classic Aseptic package family contains four sizes ranging from 65 ml to 200 ml, optimised for different applications.



THE SMARTEST WAY TO PRODUCE TETRA CLASSIC ASEPTIC

Our new Tetra Pak A1 filling line for Tetra Classic Aseptic packages equals innovation that's consistent with our proven business approach: the same affordable, reliable carton package with lower cost, higher performance, greater investment protection, and lower environmental impact.

In these times, when consumer health, product affordability, your margins, and your brand's strength must all be nurtured, there's no better way to produce the playful, practical Tetra Classic Aseptic than the Tetra Pak A1 for Tetra Classic Aseptic.

LOW COST

Your initial investment cost for the line is low, and operating costs are reduced thanks to higher energy efficiency, a smaller footprint, fewer operators and greater reliability. And since the Tetra Pak A1 filling machines for Tetra Classic Aseptic and Tetra Fino Aseptic are based on a common platform, you enjoy synergies such as shared documentation and software, shared parts, standardised training, and more.

BETTER PERFORMANCE

The Tetra Pak A1 for Tetra Classic Aseptic was designed to increase mean time between failures (MTBF), which really makes a difference to your business. It offers the best performance in the Tetra Pak portfolio, and thanks to ongoing development efforts, this keeps getting better.



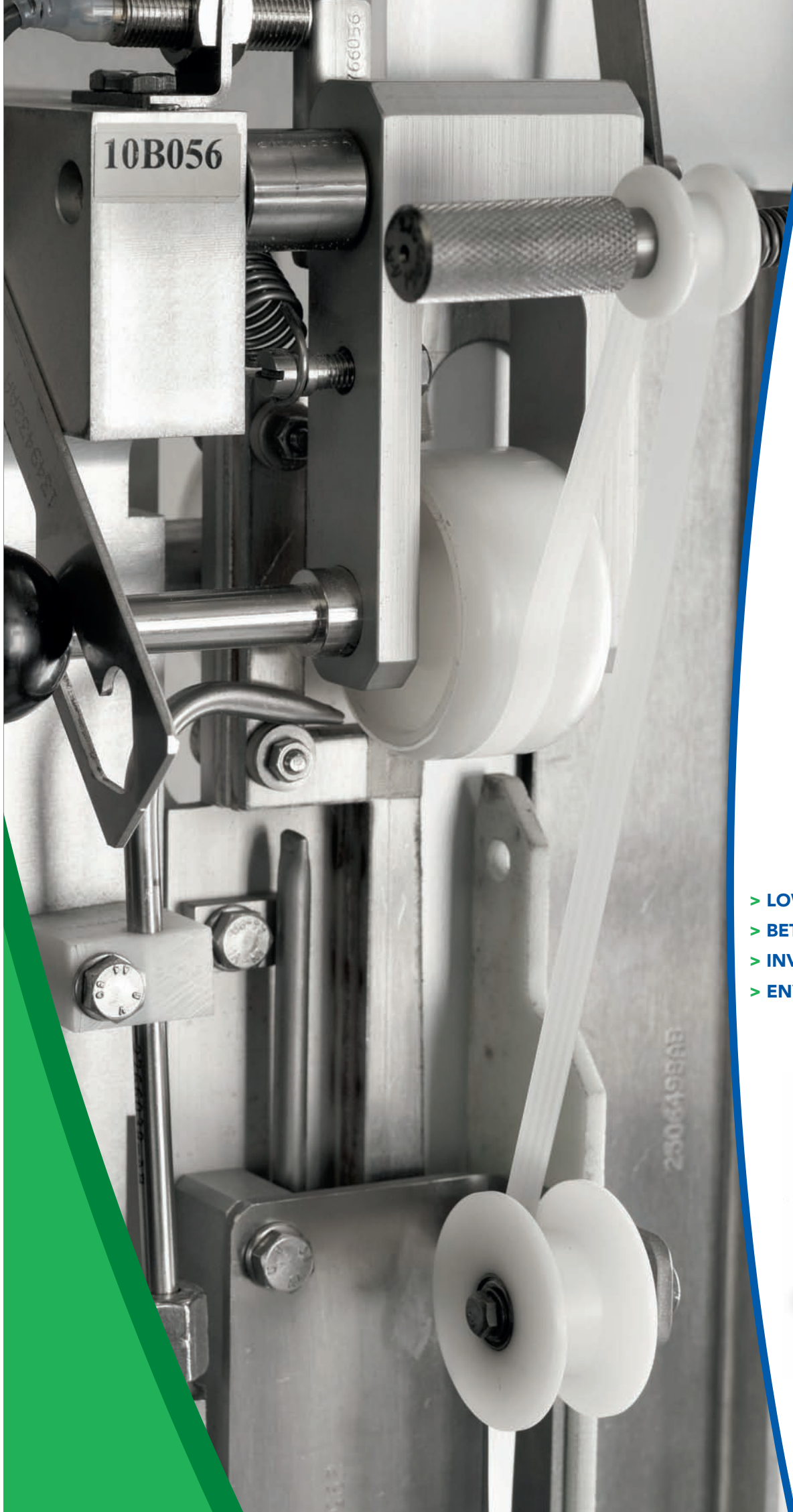
INVESTMENT PROTECTION

You can make rapid adaptations to changes in demand by changing between package sizes within the same package family. Selectable capacity means you can run your line at two different speeds – lower capacity when older processing equipment or hand packing poses limitations, and higher capacity when you're ready to ramp up production. The underfill kit allows you to defend your one-coin price point when the price of your filled product fluctuates.

ENVIRONMENTAL ADVANCES

The Tetra Pak A1 has the best environmental performance of any of Tetra Pak's filling lines. Since the Tetra Classic Aseptic package is a cylinder with the ends sealed at right angles to each other, it uses the least possible amount of packaging material per volume of product. In addition, electricity and water consumption are minimised. Since the first TCA filling line in was introduced in 1973, we have achieved a 90% reduction in kWh per 1000 packages and a reduction in water consumption from 200 liters per 1000 packages to under 5 litres.





- > **LOW COST**
- > **BETTER PERFORMANCE**
- > **INVESTMENT PROTECTION**
- > **ENVIRONMENTAL ADVANCES**



OVERVIEW OF THE LINE

TETRA PAK A1 FOR TETRA CLASSIC ASEPTIC

THE ECONOMIES OF STANDARDISATION

The Tetra Pak A1 platform shares many features and processes among the Tetra Classic Aseptic and Tetra Fino Aseptic systems. This means fewer spare parts need to be stocked; operators and technical staff can be trained for one line instead of two, and your investment is safe if you need to shift from producing one package to another.



OPTIONAL EQUIPMENT

Volume conversion kit

Used to change between Tetra Classic Aseptic package sizes.

Tetra Classic Aseptic Chain kit

To produce Tetra Classic Aseptic in chains, including TCA 65 ml in chains of 4 or 8 packages, and TCA 100 ml in chains of 4 packages.

1. TETRA PAK A1 FOR TETRA CLASSIC ASEPTIC FILLING MACHINE

It's never been easier to operate!

The production is easily managed through a Tetra Pak Operator Panel (TPOP) system on the ground level. Using the TPOP – common across all Tetra Pak A1 lines - all major functions can be initiated and supervised, from production preparation, to sterilisation, to actual production, and - finally – to the Cleaning in Place (CIP) functions.

Its simple, intuitive interface makes for easy operation and reduces the need for special training. Moreover, operator time is reduced, freeing up operators for other tasks.

Packaging material in-feed

Each Tetra Pak A1 unit holds a jumbo reel of packaging material with sufficient supply for over two hours of production when running at high speed, and about three hours of production at the lower speed. A jumbo reel holds enough material to make up to 32,700 packages (TCA 65S).

Cleaning and maintenance

Easy access to vital machine parts makes daily cleaning and regular maintenance simple. This is essential for meeting strict hygiene requirements and maintaining stable operations.

Fully automatic splicing unit

The splicing unit heats and pressurises the packaging material to automatically make a neat seal between one reel and the next, so package production can continue uninterrupted.

Quality-assured printing

You can be sure that the printed designs on your packages are always positioned correctly, thanks to an automatic design correction system. Moreover, an ink jet coder in the main body of the filling machine prints the production and sell-by date in the correct position on the package.

2. STRAW APPLICATOR 30 (SA30) FOR TETRA CLASSIC ASEPTIC

A perfect addition to packages destined for on-the-go consumption, straws in hygienic sealed sleeves are applied directly to the package in production. SA30 is designed for the Tetra Pak A1 platform, and works for all Tetra Classic Aseptic package volumes. If you decide to convert the filling machine volume, SA30 only requires a minimal adjustment to affix straws on a new package.

3. CONVEYOR

Convey your Tetra Classic Aseptic packages quickly and efficiently using the UC 24 conveyor. A package handler orients the Tetra Classic Aseptic packages so they're all perfectly aligned and ready to be loaded into downstream equipment. Any misaligned package is automatically removed from the conveyor.

4. HAND-PACKING STATION

A hand-packing station enables efficient manual packing into cardboard boxes or returnable plastic crates.

A new automatic solution, the Cardboard Packer 11, is currently being developed for customers seeking full line automation. This development will make it possible to increase the number of packages per pallet, thus driving down transport costs.

Underfill kit

Enabling producers to adjust fill volume and keep products at a one-coin price point.

Multi-installation option

The Tetra Pak A1 can be ordered with a special compact platform design to save space in production plants with more than one packaging line.

TETRA CLASSIC ASEPTIC – SAFE AND CONVENIENT

A SAFE PACKAGE, IN A RISKY WORLD!

With concerns about product safety continuing among consumers and authorities around the world, Tetra Pak's revolutionary aseptic technology remains one of the truly reliable benchmarks. Our aseptic filling systems provide producers and consumers with confidence that what goes to market in a Tetra Classic Aseptic package enjoys the highest levels of quality and safety.

Since Tetra Classic Aseptic packages are designed for ambient distribution and storage, they support a product shelf life of up to one year without refrigeration.

EYE-CATCHING SECONDARY PACKAGING

Every food and beverage producer has an interest in making sure that its products will do well on today's competitive retail shelves. There is a variety of innovative ways to achieve this using the Tetra Classic Aseptic package. Here are two examples:



Tetra Classic Aseptic 65 Chain

The Tetra Classic Aseptic Chain is a unique merchandising solution for the street drinks segment that reinforces packages' (and consequently your brand's) playful, innovative image.



Easy for retailers to handle

Easy to see, with a large branding surface, they hold five TCA 65 Slim units and are easy for consumers to bring home.

Tetra Pak

MORE FUN FOR KIDS – MORE CONVENIENCE FOR PARENTS!



Few packages lend themselves so well to convenient and healthy on-the-go consumption. The Tetra Classic Aseptic is ideal for lunchboxes, containing vitamin rich juices or nutritious flavoured milk.

A colourful straw makes this quirky-shaped package even more fun for kids. All Tetra Classic Aseptic packaging material can be ordered with a pre-punched straw hole.



TETRA PAK 'PROTECTS WHAT'S GOOD'

At Tetra Pak, we take our responsibilities towards our customers, your customers and the environment very seriously. The first Tetra Classic package, created over 50 years ago, was designed 'to save more than it costs'. This ethos applies equally to environmental economies today.

The Tetra Classic Aseptic package uses the least possible amount of packaging material per volume of product of any container. Once empty, it folds down flat taking up very little space in the carton recycling bin.

Our revolutionary aseptic technology enables food to stay fresh over long periods without the risk of contamination, loss of nutrition or changes in the taste of the product. This means product waste is almost eliminated. Moreover, a distribution chain with no need for refrigeration is extremely energy efficient.

Tetra Pak takes good care of its customers by maintaining a permanent regional presence and offering an alert, world-spanning organisation to ensure you get all the help you need, when and where you need it.

Our service packages ensure new customers enjoy a smooth production start-up and help enhance the efficiency of existing lines. Advanced operator training gives your staff the skills they need to work safely and correctly.

As our corporate motto states, Tetra Pak 'PROTECTS WHAT'S GOOD'. It's a concept we apply very broadly - to our filling lines, the packages they produce, the products inside them, our relations with customers, the safety of your employees and the natural environment.







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