



Tetra Victenso™ solutions for baby food production

Best-practice line solutions



Exceptional performance in baby food production

Baby food production is a rapidly developing category worldwide, characterized by strong, science-driven innovations for added value and care for babies beyond simply nutrition. Product diversification to focus on health and fitness, organic, ethical and sustainable products, as well as fortification with functional ingredients to support immune systems, aid sleep and reduce risk of allergies, for example, are major trends that places high demands on your production and product innovation. Consumers also prioritize quality and safety over price, demanding a strong, safe brand image and good health credentials.

Based on our specialized food production and technology expertise, our competitive and guaranteed solutions meet your needs and enable you to meet growing demands from retailers and consumers. Our optimal solutions unleash your product innovation and enable you to produce a wide range of baby foods – from infant formula and ready-to-drink products to fruit purées and purées with particles. And we enable your flexibility in packaging and distribution options for chilled to ambient distribution.

Growing trends in baby food production

- Safe, high quality and wholesome baby food purées and infant formula
- Higher nutritional value and fresh taste and colour
- A greater variety of products – from smooth fruit purées to purées with beef and potatoes and products with functional ingredients
- Products that prioritize low environmental impact

Best-practice line solutions based on proven technology and units

We believe that your optimal solution is one that matches your specific production needs today and for the future – to make you more innovative, more effective and more competitive. And we believe that this optimal solution is born in applying our vast knowledge and complete range of innovative technology for food production in a close partnership with you.



Continuous purée line

This line handles the production of smooth to small particulate purées. It allows you to produce a broad range of products – from smooth fruit purées to purées with spaghetti pieces – that are wholesome and have higher nutritional value and fresh taste and colour. The recipe-specific shear rate in mixing and optimized heat treatment achieves desired product characteristics with high production efficiency. Our line enables safe production with exceptional quality, efficiency and flexibility.



Continuous particulate purée line

This line handles particles up to Ø25 mm with excellent particle integrity. It allows you to produce a greater variety of products – from smooth fruit purées to purées with beef and potatoes – that are wholesome and have higher nutritional value and fresh taste and colour. Gentle processing prevents the breakdown of particle shape and maintains even distribution. The recipe-specific shear rate in mixing and temperature program achieves the desired product characteristics. Our line enables safe production solutions with exceptional versatility, quality and efficiency.



Ready-to-drink infant formula line

This line enables the production of liquid ready-to-drink infant formula. It meets demands for safe, convenient infant formula with higher nutritional value and fresh taste and colour. It ensures accurate and consistent raw ingredient dosing. And it minimizes heat load for maximized nutritional value with secure bacterial reduction. Our line enables uncompromised food safety, high quality and production efficiency.



Infant formula line – liquid to powder

This line enables the production of powdered infant formula, from liquid milk and powder ingredients. It ensures accurate and consistent raw ingredient dosing. And it minimizes heat load for maximized nutritional value with the highest bacterial reduction before drying. It achieves desired powder properties at the targeted moisture level. Our line enables uncompromised food safety and maximized quality and efficiency.



Infant formula line – powder to powder

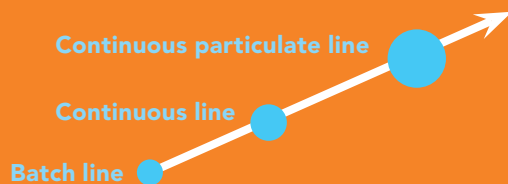
This line enables the production of powdered infant formula, from recombined milk and powder ingredients. It allows you to produce with high dry matter milk recombination for maximum production efficiency. It ensures accurate and consistent raw ingredient dosing. And it minimizes heat load for maximized nutritional value with the highest bacterial reduction before drying. It achieves desired powder properties at the targeted moisture level. Our line enables uncompromised food safety and maximized quality and efficiency.



Unleash your innovation in Product Development Centres

- Ten PDCs worldwide at your service
- Highly flexible industrial pilot-plant facilities
- Cost-effective product trials and in-house tests
- Experienced food technologists and engineers
- Processing, packaging and powder handling equipment
- Global experience and application expertise
- Close collaboration, full confidentiality

Upgrade flexibility enables future-proof production solutions



Automation solutions for total control and top performance

Best-practice unit automation solutions

- Maximize efficiency and enable future-proof flexibility
- Enable complete control with full traceability
- Cut human error to a minimum and streamline your entire operation

Tetra PlantMaster™ solutions enable even greater control

- Overview of process flowcharts
- Product routing and selections
- Advanced data logging
- Automated production reports
- Full traceability
- Easy preventive maintenance
- Process description

Customized service solutions

We provide customized service solutions to maximize your operational excellence, minimize your cost and environmental impact, and ensure the right product quality every time, throughout the lifecycle of your operation.

Exceptional performance – we guarantee it

Our competitive and validated performance guarantees on the parameters that matter to your success ensure exceptional performance throughout the lifecycle in terms of consistent product quality, uncompromised food safety, maximized product versatility and efficiency, with minimal environmental impact for long-term sustainable growth. The parameters are predefined in a contractual agreement and guarantee that we're with you all the way – we stay until it works.

We guarantee the performance we promise, with key performance indicators based on your production scenario and covering for example:

- Particle integrity
- Product losses
- Production time
- Product changeover time
- CIP cycle time
- Temperature stability
- Capacity stability

