



A Selection Of Recently Installed

COMPLETE LINES





Zakka Multitec Group specializes in providing complete production lines for the food, beverage, dairy, and chemical industries. From processing to filling and packaging, we offer end-to-end solutions that ensure seamless integration and optimal efficiency.

Our team develops comprehensive automation solutions, creating bespoke designs, managing the manufacturing process, and handling installation and training at customer sites. We also provide ongoing after-sales support to ensure your production line continues to operate at peak performance.

In this brochure, we highlight a few of our recent installations across various sectors, showcasing our expertise in delivering fully integrated, high-performance complete lines.



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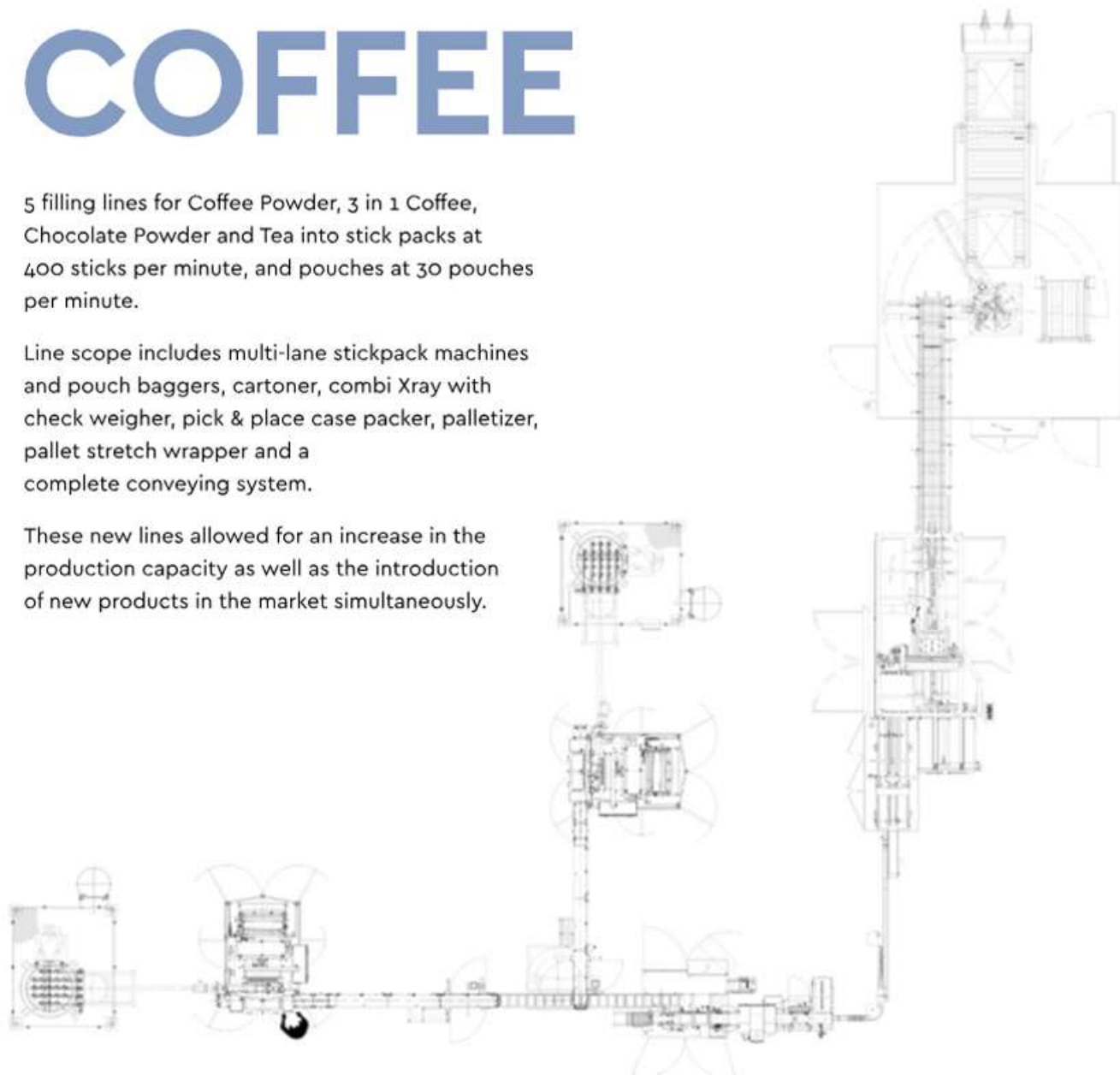


COFFEE

5 filling lines for Coffee Powder, 3 in 1 Coffee, Chocolate Powder and Tea into stick packs at 400 sticks per minute, and pouches at 30 pouches per minute.

Line scope includes multi-lane stickpack machines and pouch baggers, cartoner, combi Xray with check weigher, pick & place case packer, palletizer, pallet stretch wrapper and a complete conveying system.

These new lines allowed for an increase in the production capacity as well as the introduction of new products in the market simultaneously.



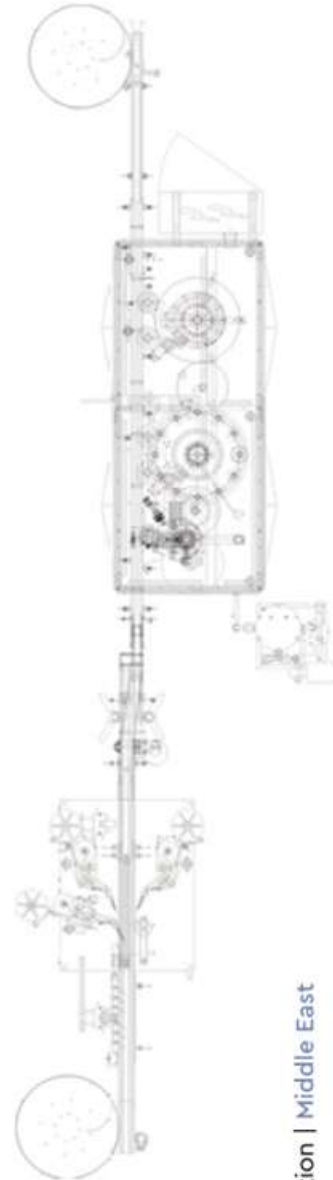


OLIVE OIL

Complete filling line for Olive Oil into round and square glass bottles at a speed of 2,500 Bottles Per Hour based on 250ML bottle capacity.

Line scope includes rotary rinsing, filling, capping unbloc, with a 3-station self-adhesive labeller and conveying system, suitable for round and square glass bottles and gallons.

A versatile line able to accommodate the various needs of the market.



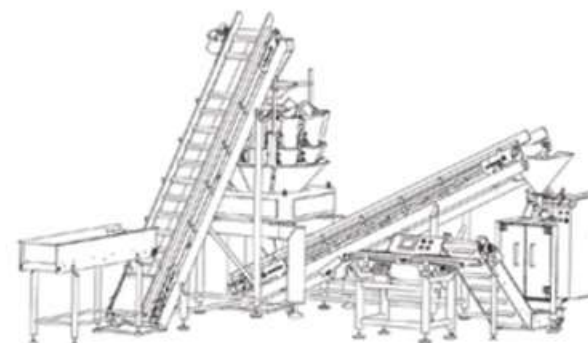
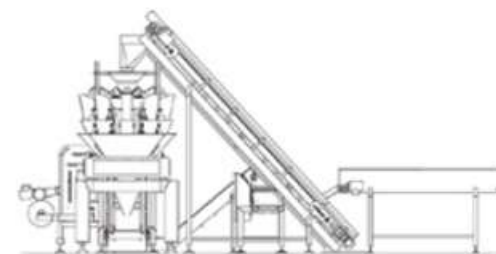
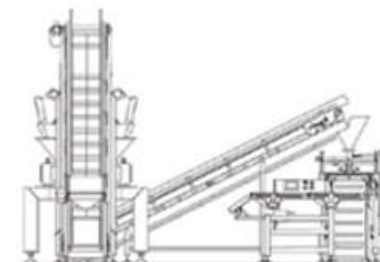


CHOCOLATE

5 complete packaging lines for Chocolate Balls, Candy, Dragees and Chocolate Powder, at a speed of 30 pouches per minute based on 450g pouch capacity. They can also pack smaller SKU's of 40g.

Line scope includes vibrating reception hopper, conveying system and elevator, multi-head weigher, 45-degree angled bagger, printer, check weigher and carton sealer.

These lines were designed to fit in a low ceiling height of 2.5m, which was successfully achieved thanks to the angled packer and the custom made conveying system.



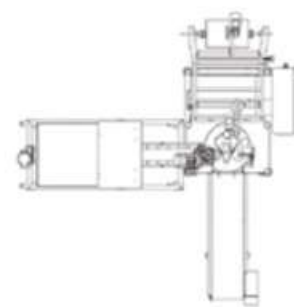
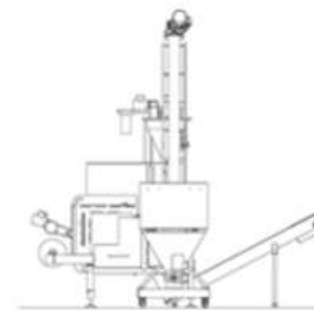
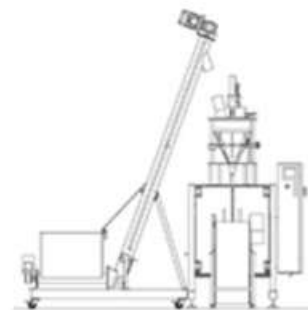


FLOUR

4 complete packaging lines for Flour, at a speed of 18 stand-up pouches per minute based on 1KG pouch capacity. They can also pack larger SKU's of 2KG and 3KG.

Line scope includes reception hopper, brushless auger elevator, brushless screw filler, bagger, printer, and carton sealer.

These lines allowed the launch of small pouches in the market which was a big success as traditional SKU's are 25KG and 50KG for such products.

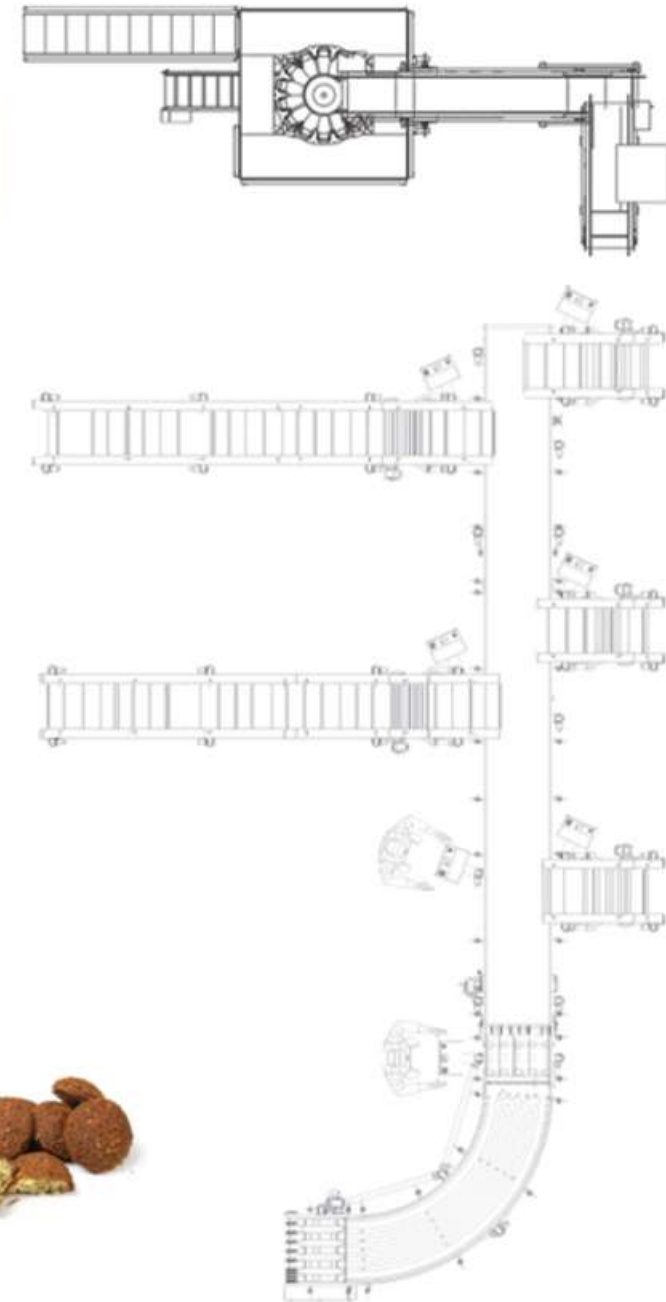




FROZEN FOOD

Complete packaging line for frozen food at a speed of 80 pouches per minute based on 400g pouch capacity. Line scope includes conveying system from freezer outfeed into product elevator, multi-weigher with dimple surface, vertical bagger, printer, check weigher and carton sealer.

This comprehensive setup allowed for precise weighing, more hygienic pouch handling and providing a seamless integration from product intake to final packaging.

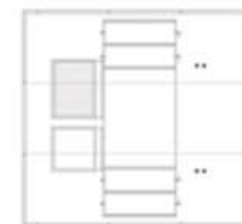
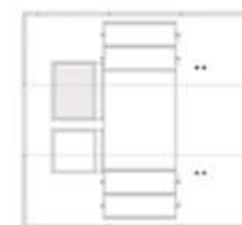
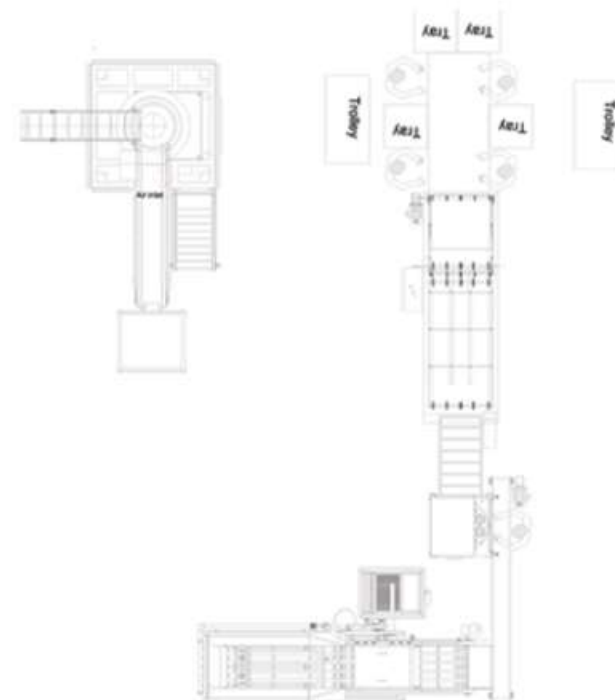




SNACKS

Complete processing and packaging line for Apple Chips at a speed of 45 pouches per minute based on 50g capacity.

Line scope includes conveying system to receive apples, automatic washing and drying, apple peeling and coring. Then apples then go to an automatic slicer and 2 batch dehydrators for a crisp taste, after which they are packed on a vertical weighing and bagging line. A complete solution for a one-of-a-kind healthy snack.





BEV ERA GES



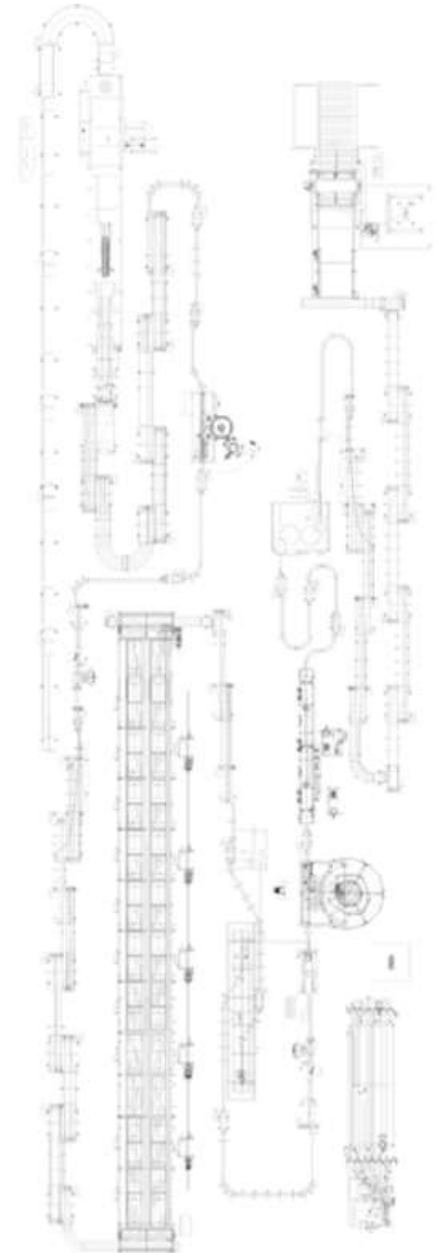
JUICE

Complete processing and filling line for Juice at a speed of 24,000 Bottles Per Hour based on 250ml bottle capacity.



Line scope includes tubular pasteurizer, homogenizer, deodorizer, cooling tower, CIP plant, depalletizer, rinsing and hot filling monobloc, capper, inspection system, cooling tunnel, labeller, printer, tray shrink wrapper and conveying system.

This line was manufactured and installed within a record time, allowing production to pick-up at a rapid pace and satisfy the market demand.



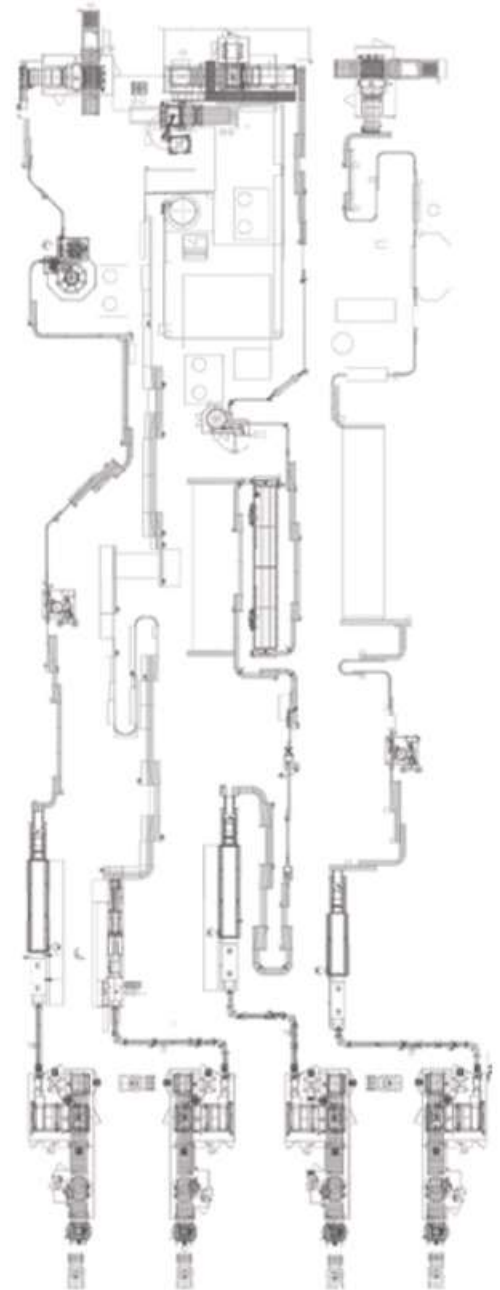


JUICE

4 complete packaging lines for Juice and Carbonated Soft Drinks into Cans and Glass Bottles at a speed of 40,000 Containers Per Hour.

Each line scope includes a complete conveying system, shrink-wrapper, automatic palletizer and automatic stretch pallet wrapper.

These 4 lines were designed to fit within a reduced footprint into an existing factory, optimizing the available space for the highest line efficiency.



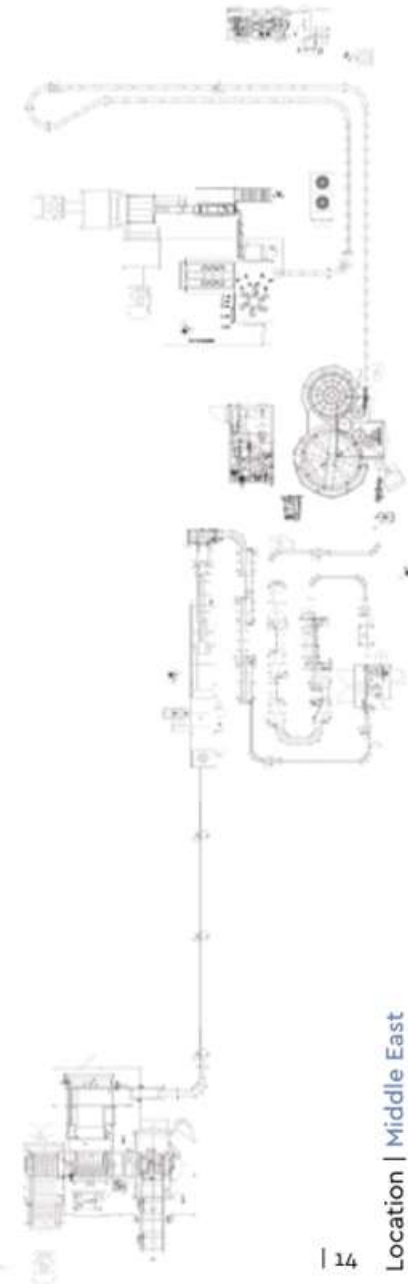


SOFT DRINKS

Complete processing and filling line for CSD into PET bottles of 2.25L at a speed of 8,000 Bottles Per Hour.

The scope of the processing line includes a syrup room, carbo mixer, chiller and a CIP plant. The filling scope includes a high-pressure compressor, blow molder, rinsing, filling and capping unbloc, inspection systems, labeler, printer, tray shrink wrapper, palletizer, stretch wrapper and a complete conveying system.

This line is dedicated to the family-size 2.25L bottle for maximum uptime without any changeover to other bottles.



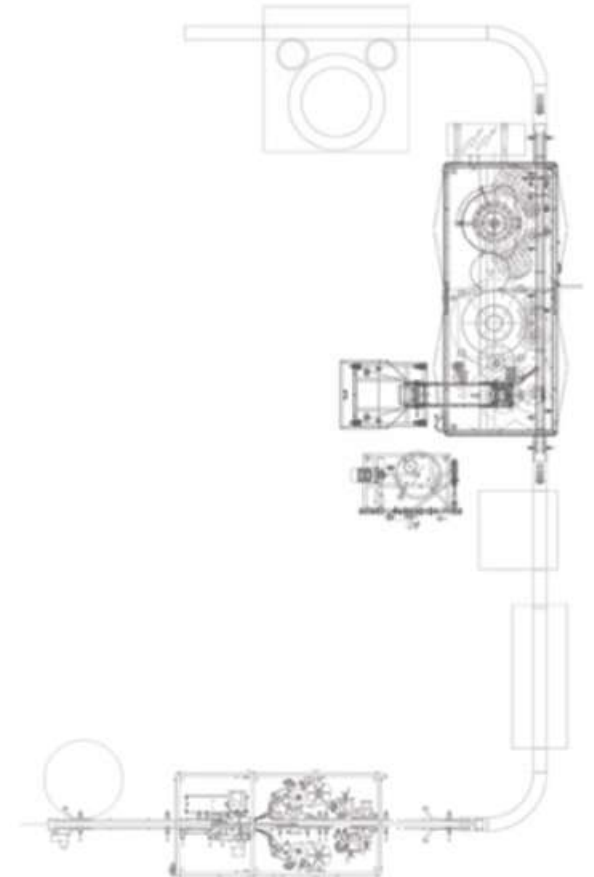


CARBONATED SOFT DRINKS

Complete processing and filling line for Carbonated Soft Drinks into round glass bottles at a speed of 2,500 Bottles Per Hour based on 275ML bottle capacity.

Line scope includes a syrup room, carbo mixer, CIP station, rotary rinsing, filling, capping unibloc, and dryer. A conveying system is integrated along the complete line, with a 2-station self-adhesive labeller for front and back or wrap-around application installed downstream.

The same line is suitable for aluminum screw and twist crown closures, to suit the various demands of the market.



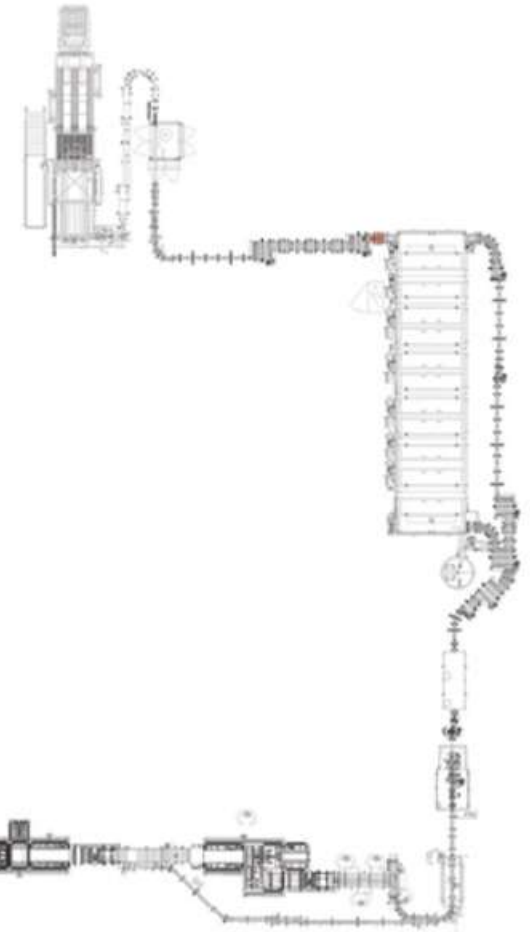


CARBONATED WATER

Complete canning line for Carbonated Soft Drinks, Juices and Tea into cans of 250ML, 330ML and 500ML at a speed of 10,000 Cans Per Hour.

Line scope includes depalletizer, filler, inspection system, pasteurization tunnel, sleever, printer, tray shrink wrapper, wrap-around case packer, stretch wrapper and a complete conveying system.

This line allowed the launch of a revolutionary healthy product in the market that successfully gained rapid market demand.



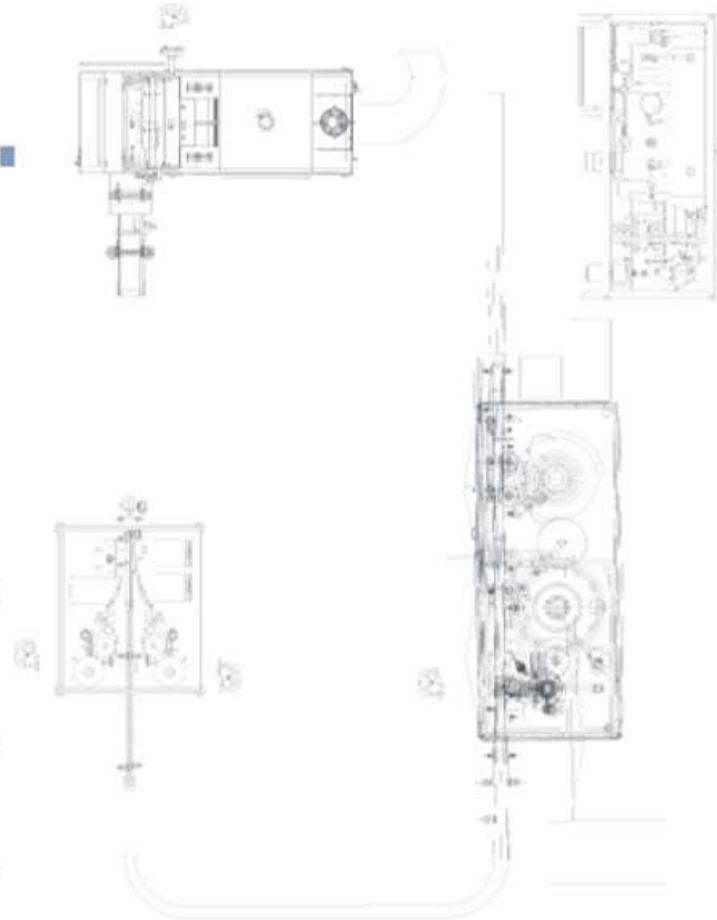


CARBO- NATED WATER

Complete processing and filling line for Carbonated Water into round glass bottles at a speed of 2,800 Bottles Per Hour based on 330ML bottle capacity. Line scope includes a carbo mixer, CIP station, rotary rinsing, filling, capping unbloc, self-adhesive wrap-around labeller, and a conveying system for the complete line. An offline shrink wrapper that runs with or without carton tray allows for flexibility to cater for local and export orders.

The filling unbloc is equipped with all the hygienic components for a clean environment including UV rays, Hepa filter, Sterile air filter and dummy bottles.

This line allowed the launch of the first carbonated water into glass bottles in the market which gave a first-mover advantage.





WATER

Complete filling line for water into PET bottles of 1.8L reaching a speed of 8,400 Bottles Per Hour.

Line scope includes a high pressure compressor, blow-fill-cap synchro bloc, labeler, inspection systems, coding, tamper-evident neck sleeve, shrink wrapper, and a complete conveying system.

This line is dedicated for large bottles of 1.8L for the highest uptime, saving any changeover for other sizes.





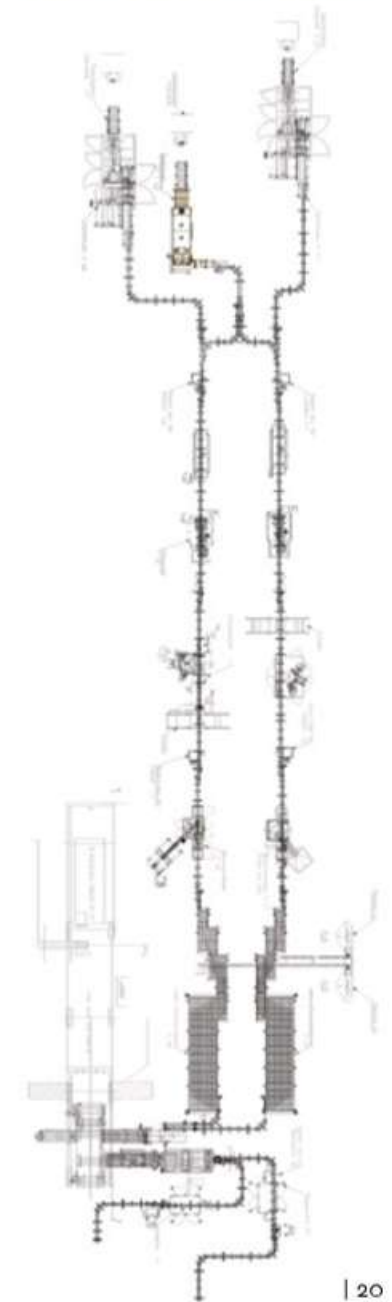


MILK

2 complete lines for Milk into HDPE bottles of 250ML, 500ML and 1L at a speed of 6,000 Bottles Per Hour. The scope of each line includes tightness inspection, capper, cap inspection, labeller, sleever, pick & place case packer, shrink wrapper, and a complete conveying system.

These 2 lines installed in parallel one next to the other allowed to multiply the production capacity and satisfy the market demand for the renowned products.

The optimized design and advanced automation control of these lines allowed for a reduced number of operators in the plant.





MILK

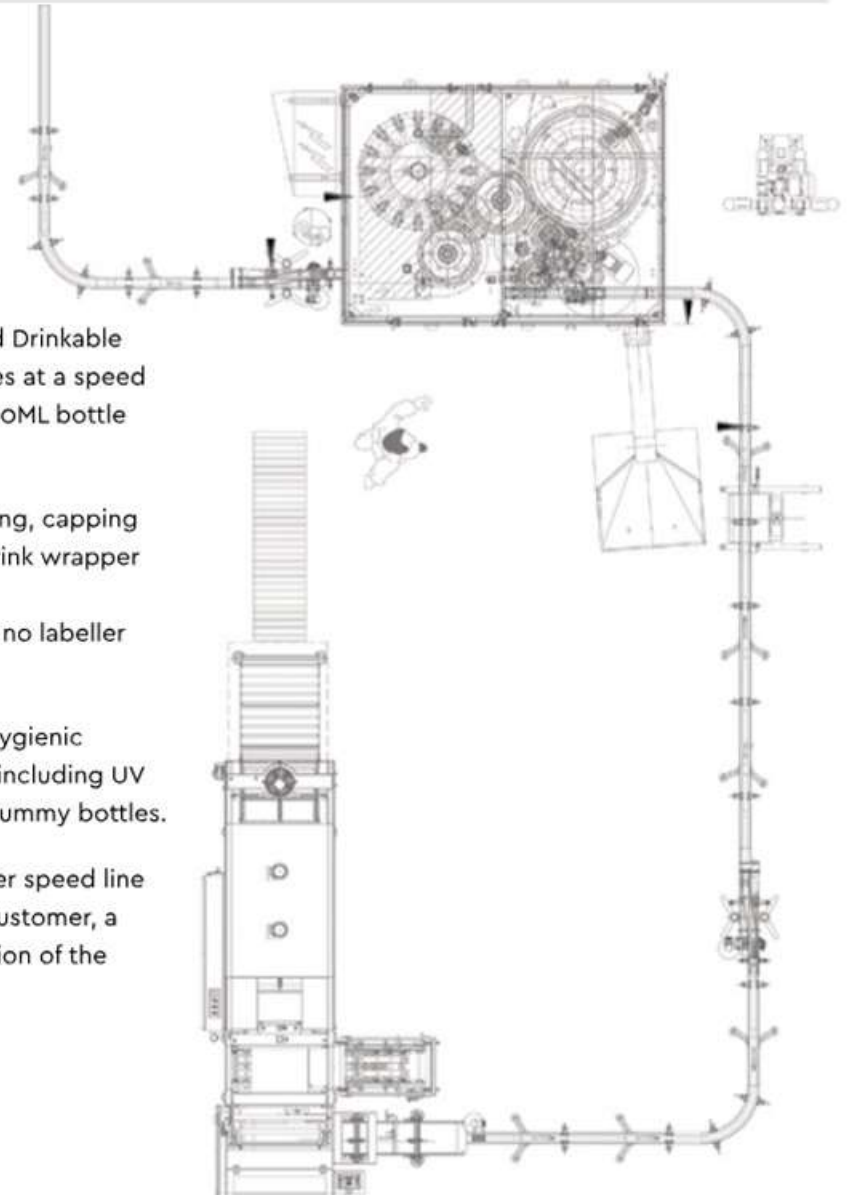
Complete filling line for Fresh Milk and Drinkable Yogurt (Ayran) into round HDPE bottles at a speed of 7,500 Bottles Per Hour based on 250ML bottle capacity.

Line scope includes rotary rinsing, filling, capping unibloc, an induction sealer, a pad shrink wrapper and a conveying system.

The bottles are pre-sleeved therefore no labeller was foreseen.

The unibloc is equipped with all the hygienic components for a clean environment including UV rays, Hepa filter, Sterile air filter and dummy bottles.

This new line replaces a previous lower speed line we previously supplied to the same customer, a testament to the quality and satisfaction of the performance over time.



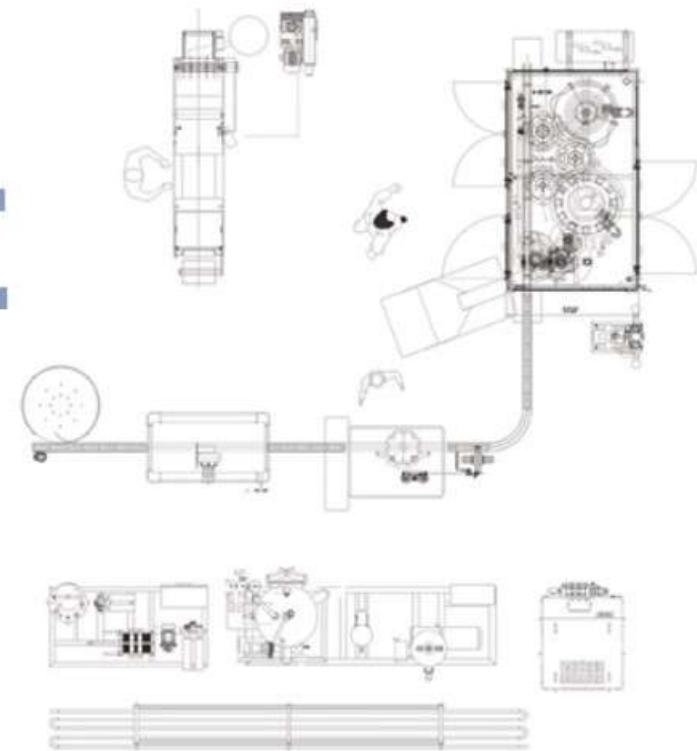


MILK & CHEESE

Complete processing and filling line for Fresh Milk and Drinkable Yogurt (Ayrar) into round PET bottles at a speed of 3,000 Bottles Per Hour based on 250ML bottle capacity.

The processing line scope includes an automatic tubular pasteurizer, centrifugal separator, homogenizer and deodorizer. The filling line scope includes a rotary rinsing, filling, capping unit, an induction sealer, a sleever and a complete conveying system. An additional thermoforming line for cheese packs into flexible film at 2,500 packs per hour.

The move from semi-auto to fully-automatic in this case allowed for savings in labor and increase in production.



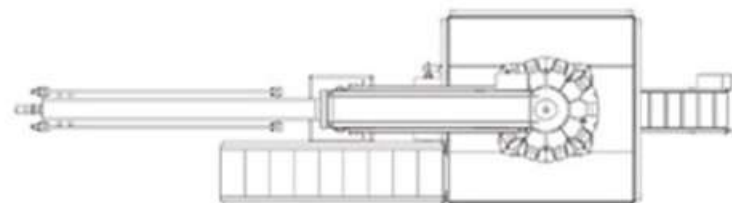
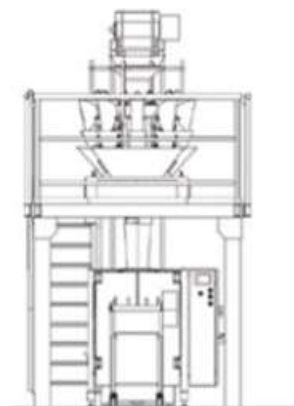
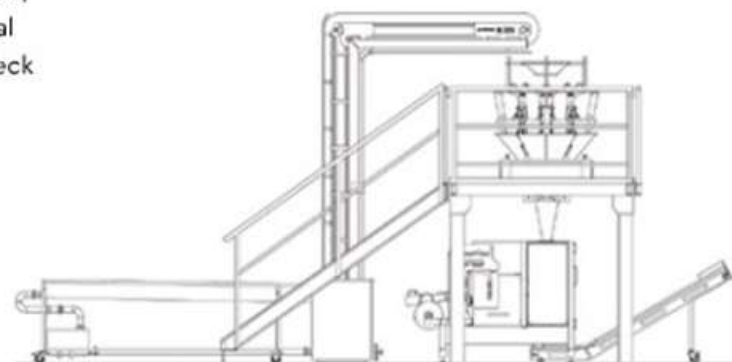


MOZZARELLA CHEESE

Complete packaging line for Mozzarella Cheese Balls with Brine at a speed of 40 pouches per minute on 125g pouch size.

Line scope includes a buffer tank, feeding elevator, multi-head weigher, liquid dosing system, vertical bagger with printer, conveying system and a check weigher.

This line required particular attention on the hygienic aspects as the product is sensitive and the entire supply was constructed in IP65.



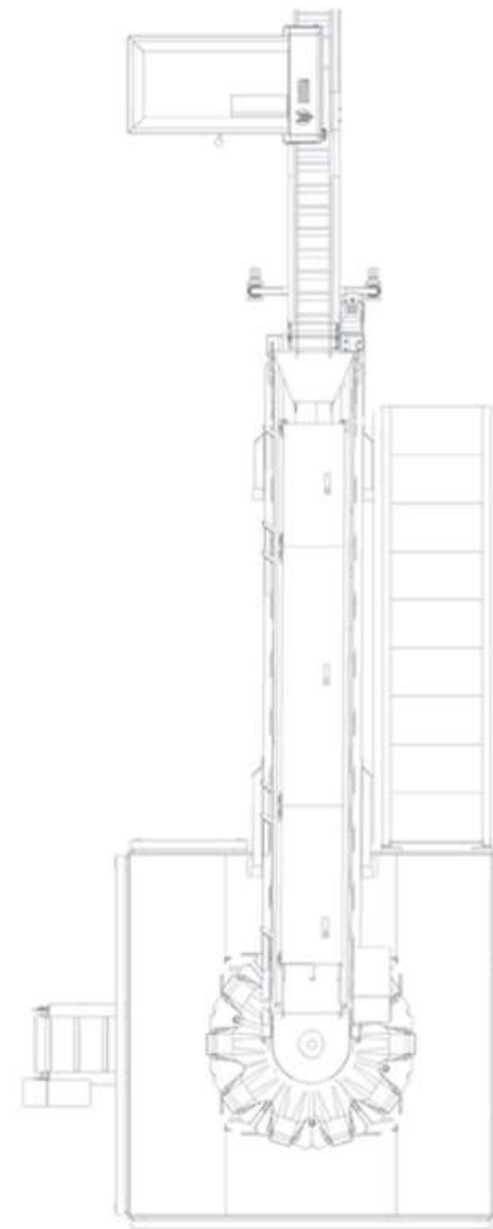


WHITE CHEESE

Complete slicing and packaging line for Cheese Slices at a speed of 20 pouches per minute based on 1KG and 1.5KG pouch size.

Line scope includes a horizontal slicing machine, conveying system, multi-head weigher, vertical bagger and a printer. The sliced cheese have a standard size of 15mm, and change parts are supplied to cut into 10mm and 20mm for different markets.

These pouches of large size are usually sold into the HoReCa industry, which the customer was able to penetrate for the first time.





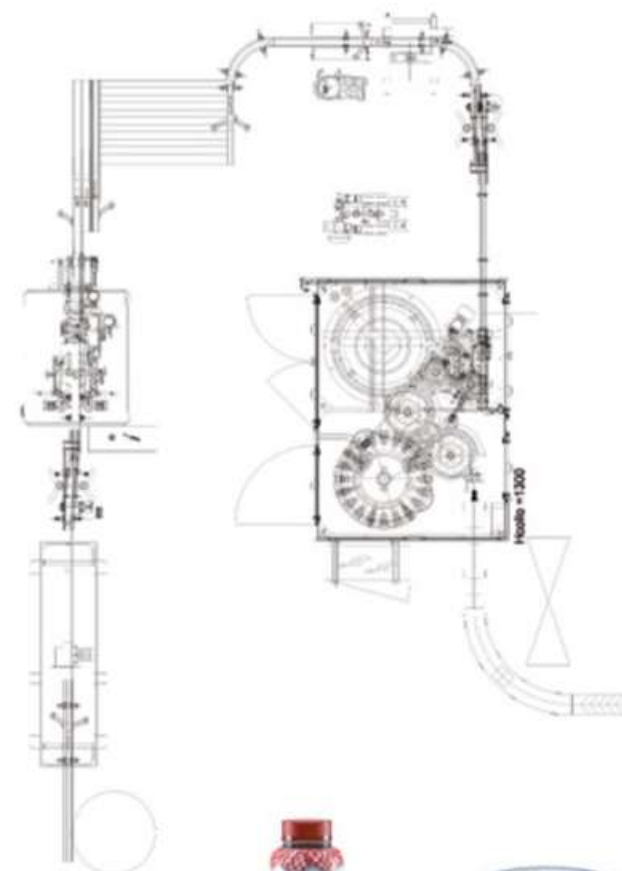
MILK & YOGURT

3 complete filling lines for Milk and Yogurt into bottles, jars and cups. The scope of the first line for Fresh Milk and Drinkable Yogurt (Ayrar) includes an unscrambler, air conveyor, rinsing, filling & capping unibloc, induction sealer, sleeve applicator with steam tunnel and a conveying system. It reaches a speed of 8,000 Bottles Per Hour based on 250ML PET bottles, and the same line is able to fill 1L bottles.

The second line for Set and Stirred Yogurt includes a conveyor for jar feeding, filling, pre-sealing, sealing from pre-cut foil, then plastic lid application. It reaches a speed of 3,000 Jars Per Hour based on 1KG jar size, and the same line can fill 2KG jars.

The third line for Dessert Yogurt with Fruit Pieces and Chocolate Cream, includes an automatic cup de-stacker, filling and sealing, with a self-adhesive labeller and check-weigher. It reaches a speed of 2,500 Cups Per Hour based on 50g PET cups.

These lines guaranteed a comprehensive market entry into the Dairy sector with premium product quality, allowing to rapidly gain market share.



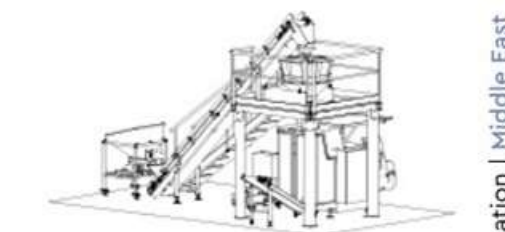
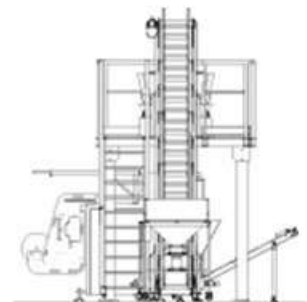
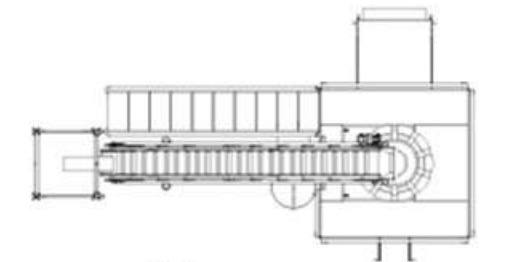
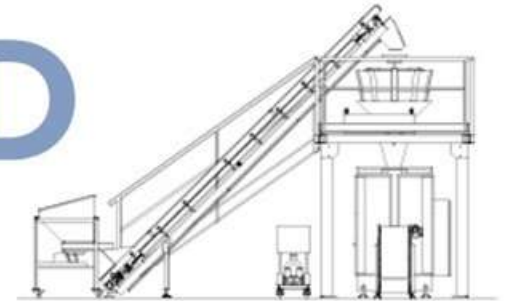


SHREDDDED CHEESE

Complete processing and packaging line for Shredded Cheese at a speed of 1,000 KG per hour, and could pack pouches of various sizes from 100g to 2KG.

Line scope includes a cuber, receiving hopper, shredder, powder feeder dispenser for cellulose, tumble drum for flavouring, and a conveying system. The shredded cheese is conveyed into a multi-head weigher with dimple finish, and a vertical bagger with printer.

This product achieved success on the local market which gained traction overseas and opened export opportunities.

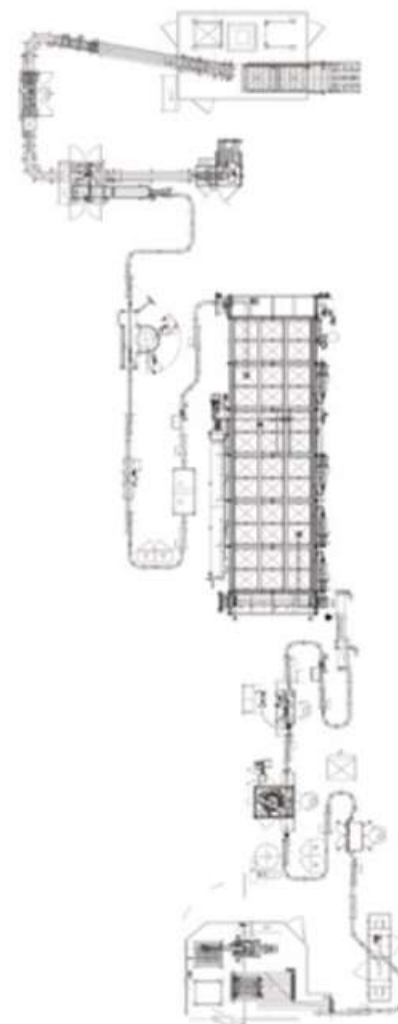




SPREADABLE CHEESE

Complete filling and packaging line for Spreadable Cheese at a speed of 10,500 Jars Per Hour based on 140g and 240g jar sizes. Line scope includes a robot depalletizer, rinser, filler, capper, cooling tunnel, dryer, Xray inspection system, labeller, pick & place case packer, robot palletizer and complete conveying system.

The same line is predisposed to run larger SKU's of 500g and 900g, and could even accommodate other container types and shapes.





CHEMICALS

A photograph of several motor oil bottles lined up on a shelf in a store. The bottles are of various brands and colors, including silver, red, and blue. The word 'CHEMICALS' is overlaid in large, white, bold, sans-serif capital letters across the center of the image. The background is blurred, showing other shelves and lights in the store.

**MOTOR
OIL**

10W-40
Multi-Grade

2509

Motor Oil

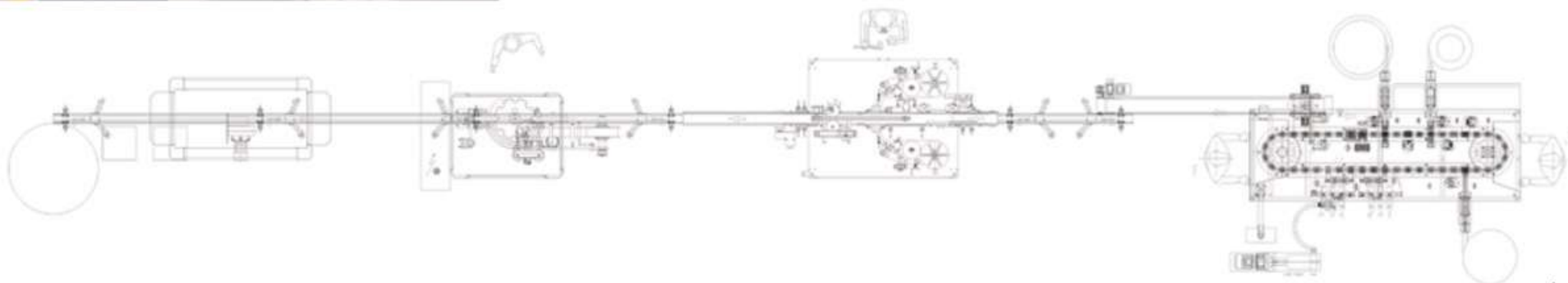


SOAP

Complete filling line for the largest variety of personal care products into a wide range of bottles in glass and plastic from 50ML up to 5L. The line can reach a speed of 5,000 Bottles Per Hour based on 500ML bottle capacity.

Line scope includes a rotary filler with pre-crimping, crimping, closing, additional capping, labeller, sleeve, printer, and complete conveying system.

Thanks to adjustable pucks allowing to handle unstable and special-shaped bottles, and an electronic filling system, this line is by far the most flexible in the market.





BRAKE FLUID

Complete filling line for Brake Fluid at a speed of 3,000 Bottles Per Hour based on 200ML bottle capacity.

Line scope includes a filler, capper, induction sealer, printer, labeller, complete conveying system and case sealer.

Despite the low cost of labor locally, this line is dedicated to one SKU which allowed to increased the efficiency and productivity of the plant.





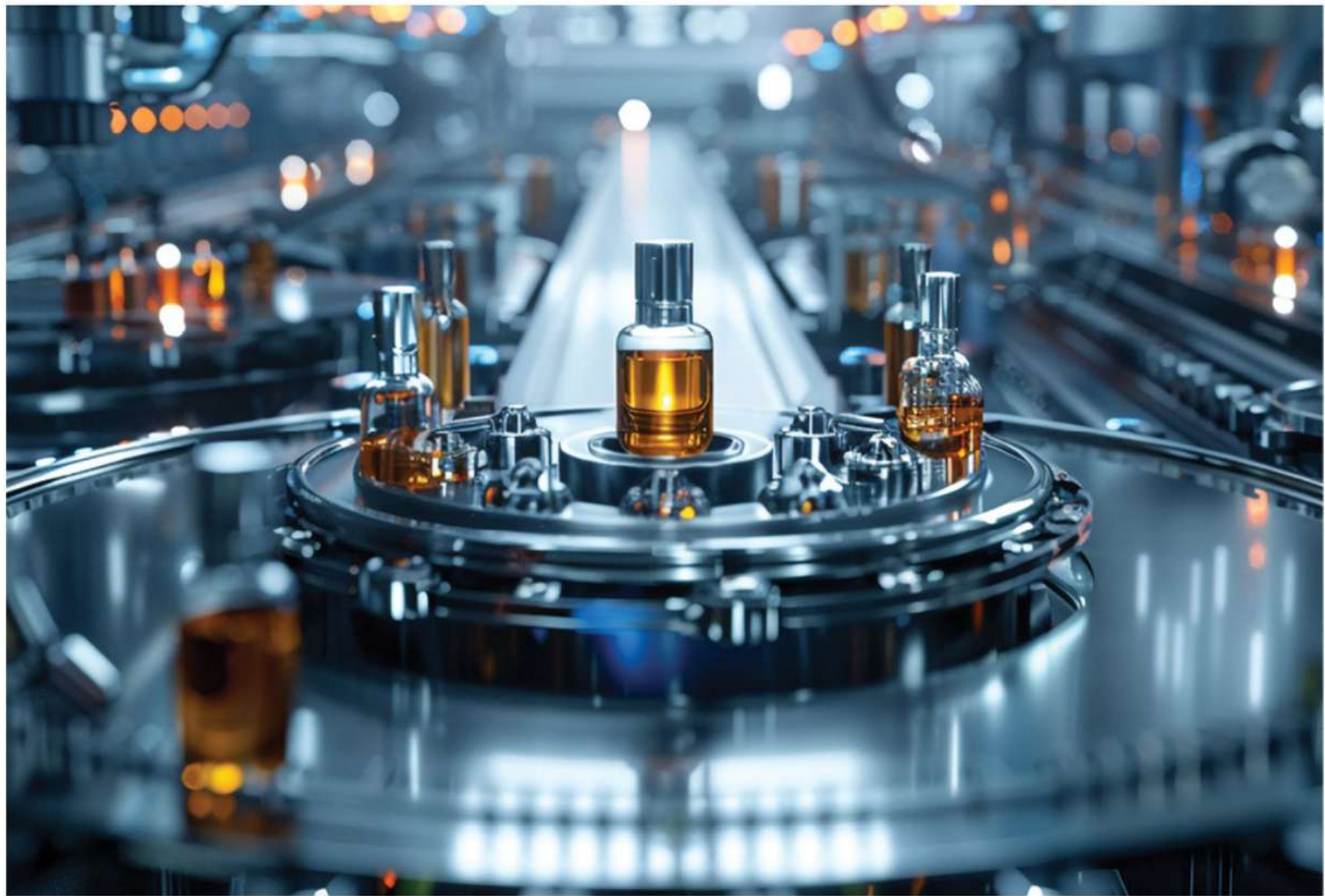
LUBE OIL

Complete filling line for Lube Oil, Coolant Fluid and Windshield Cleaner at a speed of 3,000 Bottles Per Hour based on 1L bottle capacity.

Line scope includes a filler, capper, induction sealer, printer, labeller and complete conveying system.

Thanks to linear filler type and flow meter technology, this same line is able to fill 1L up to 5L bottles and gallons, allowing maximum production flexibility.







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