www.**synerlink**.com



TRUSTED PARTNER,
LEADER IN ECO-FRIENDLY
RIGID PACKAGING SOLUTIONS
FOR THE FOOD INDUSTRY



















ABOUT US

WHO ARE WE?

Synerlink is a global leader in providing complete packaging solutions for food, dairy, beverage and home care products, as well as in designing and manufacturing integrated packaging lines for ultra-clean, extended shelf-line (ESL) and aseptic products.



DOSING



PRIMARY PACKAGING



SECONDARY PACKAGING & PALLETIZING



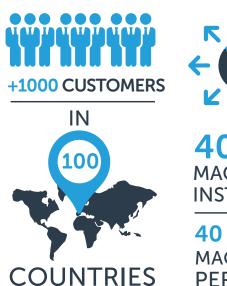
LINE DESIGN
& ENGINEERING



SERVICES



600 TEAM MEMBERS

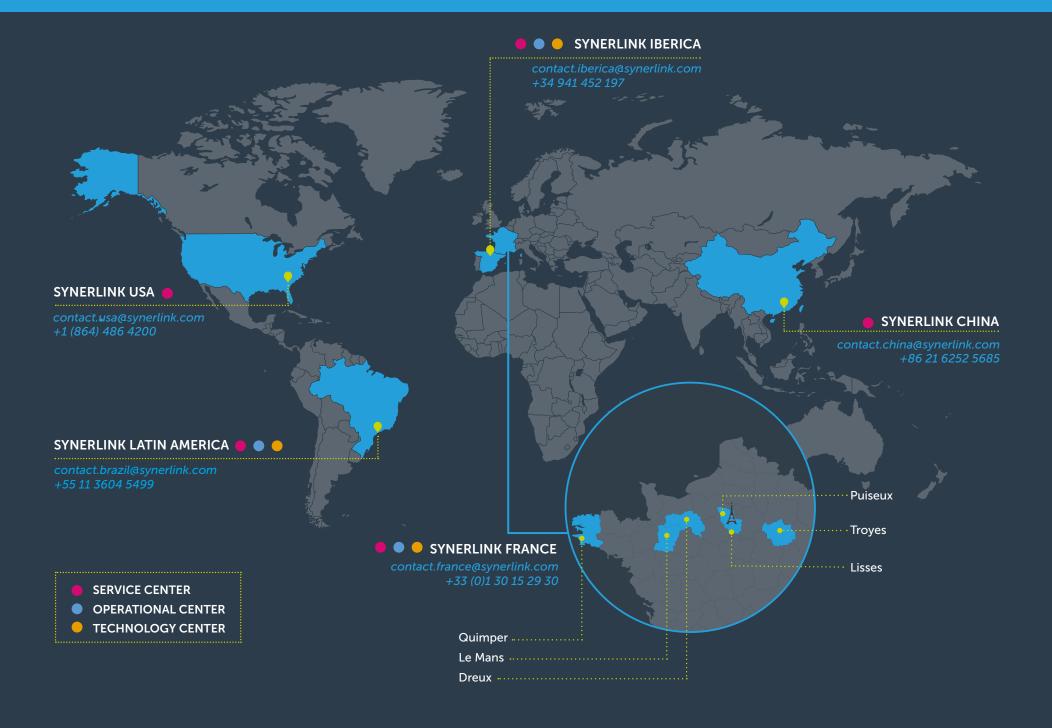




Our technology centers are the foundation of our business. Today, they are combining their knowledge and experience to deliver the best machinery solutions for dosing units, FS, FFS and end-of-line.

Our operation centers can produce different types of machinery which allows us to share our production across the different locations to provide the best possible delivery time to our customers.

OUR WORLDWIDE LOCATIONS



OUR CUSTOMERS

























































A FEW OF OUR 1000+ CUSTOMERS

























































OUR MARKETS

YOGURT & DAIRY DESSERTS



CREAM & SPREADABLE CHEESE



BUTTER & MARGARINE



BEVERAGE



BABY FOOD



SAUCES & PREPARED FOODS



EDIBLE OIL



SWEETENED PRODUCTS



MEAT, FISH & PET FOOD



HOME CARE & PERSONAL CARE



COMPLETE LINE INTEGRATION

Case labeling

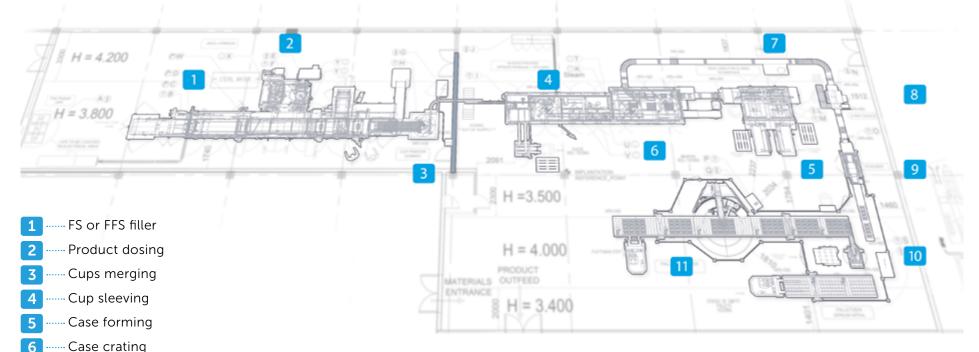
Case stacking

Pallet wrapping

Palletizing

Detecting & rejecting foreign body

Our team of experts integrate all packaging and line layout constraints in their plans to streamline your production and maximize operational efficiency.



OUR HUMAN MACHINE INTERFACE



Efidrive provides the operator with consistent visual feedback on all machine updates and on the status of all packaging materials located at any Synerlink machine on the line.

YOUR ERP INTERFACE

Option to connect your ERP with your machines, which gives you full control of your product lines, as well as tracking on all your products from the time of the batch order to the time they exit your factory.

80 YEARS OF EXPERIENCE AT YOUR SERVICE

1936Establishment of Hema

1939
Hema first Rotary
Piston Filler for
Sauce & Jam

1978
Establishment of Arcil

1992Danone acquires
Arcil

1994
Arcil introduces
new generation FFS
machines

2008
Hema first Combi
for yogurt

2009
Creation of Synerlink
complete lines

2013
BW acquires
Synerlink

2014Acquisition of **Dinieper**

2019First Ermi CombiBlow in production

2017 Acquisition of **Ermi**

2016Acquisition of Sogameca

Acquisition of **Dairy Pack**

First Hema Quatro Mass Flow Technology

> 2015 BW Acquires Hema

2021

25 years of experience with PET

2022 Hema joined Synerlink

4000+ Synerlink filling systems in the market

2023First Versatech cup filling machine in production

CUSTOMER ENGAGEMENT MODEL

FROM FEASIBILITY STUDY TO TURNKEY PROJECT

We provide you with a complete range of services tailored to your needs, implementing your packaging projects from the packaging design to line performance qualification.

PHASES SERVICES • From marketing brief to pack concept • Global approach for your packaging solution (cups, multipacks, bottles, cases) **PACKAGING DESIGN** • Evolution of your current packaging • Layout optimization for efficient operations **PROJECT** • Global analysis of your packaging solution (primary, secondary, line engineering) **PRE-STUDY FUNCTIONAL ANALYSIS** • Schedule follow-up, reporting **PROJECT** • Consolidated reporting for your project manager **MANAGEMENT** • Job site preparation **PERFORMANCE** • Line efficiency measurement

• Fully integrated line control through Synerlink EfiDrive HMI system

• High speed camera analysis

PERFORMANCE

QUALIFICATION





COMPLETE LINE TEST BEFORE SHIPMENT

We guarantee your complete line efficiency and performance. Synerlink tests the line (including fillers and downstream equipment) with a unique and complete-line Factory Acceptance Test (FAT) before shipment.

To guarantee a vertical ramp-up on the production site, the FAT includes process simulation, start-up of production, production and change of SKU (Stock Keeping Unit) with monitoring for efficient parameter setting.



A PARTNER FOR THE LONG TERM

Our collaboration with you doesn't end once a machine is installed or a project is complete. We'll be there by your side, year after year, to keep your plant and your business moving forward for your Arcil, Dairypack, Dinieper, Ermi or Hema machine. Our range of aftersale services include:

- Remote Technical Support
- Field Service
- Replacement Parts
- Material conversion for FS
- Material conversion for FFS
- Material conversion for bottles
- Rebuilds
- Maintenance
- Training
- Pre-Owned Equipment
- Upgrades
- PET cutting tool

(arcil) (dairypack) (dinieper) (hema) (ermi)

After you make the choice to go with Synerlink, our Help Line will provide you with ongoing technical support.

Technical assistance:

Restarting production after a total shutdown Identifying solutions to malfunctions

• Continuous improvement:

Identification of needs of technical upgrades

· Recommendations for:

Machine operation and maintenance Information on technical innovations

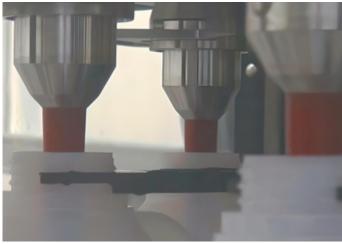


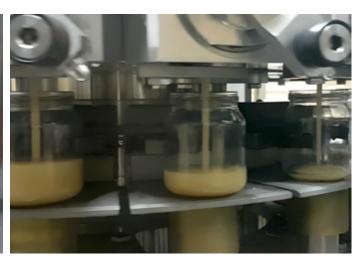




OUR FILLING UNITS ARE KNOWN FOR QUALITY, ACCURACY AND FOOD SAFETY







FLOWMETRIC FILLING

NET WEIGHT FILLING

VOLUMETRIC FILLING

Synerlink dosing expertise allows us to meet your needs through:

- Optimized, adaptable design that works well with many machine types, whether they run at low or high speeds.
- High hygienic standard, which aligns with your company's standards.
- Flowmetric is our standard filling technology for liquid and product with low viscosity. Net weight filling solutions on our rotary fillers for liquid and products with low viscosity. Volumetric is our standard solution for products with pieces or high viscosity.





















Concentric

Duo

Multilayer

Quatro

Twist

Fruit on Top

Fruit on Bottom

Volcano

Beverage

Beverage with chunks

HYGIENE AND FOOD SAFETY

LAMINAR FLOW TECHNOLOGY

Laminar flow hoods maintain a safe atmosphere above the sensitive areas of dosing and sealing cups or bottles. The hood consists of a large chamber specifically designed to allow a continuous laminar 45cm/s downstream flow.

Synerlink is a member of the professional association EHEDG (European Hygienic Engineering & Design Group), worldly recognized organization within the Food Industry.

All our filling stations are ultra-clean and CIP able (cleaning-in-place). Sterilization and 3A certification under option.







LEVELS OF HYGIENE	SHELF-LIFE & STORAGE CONDITIONS	PRODUCTS	DECONTAMINATION	DOSING STATION	
ULTRA-CLEAN	< 30 days* in cold chain 3-5° C High hygienic level	Fresh products	Lid or lid foil, cup or plastic material (options according to product)	Cleaning-in-Place	
REINFORCED ULTRA-CLEAN	< 60 days* in cold chain 3-5° C Extended shelf-life	Fresh products including cold filled pH 7 products	Additional decontamination equipment according to product sensitivity	Sterilizing-in-Place (with steam or chemicals)	
ULTRA-CLEAN + HOTFILL	Up to 18 months* at room temperature Long shelf-life	pH <4.5 products + hot fill 85-95°C Shelf-life according to barriers specifications of the primary packaging materials	Lid or lid foil, cup or plastic material (optional)	Cleaning-in-Place	
ASEPTIC	Up to 18 months* at room temperature Long shelf-life	Sterile products Shelf-life according to barriers specifications of the primary packaging materials	$\rm H_2O_2$ sterilization of all the primary packaging materials	Sterilizing-in-Place (with steam or chemicals) + aseptic valves	

*Indicative shelf-life only

SYNERLINK PRODUCT BRANDS

Equipment type	THERMOFORMED CUP LINE (FFS)	DAIRY FILLING LINE	FOOD FILLING LINE
Brands	(arcil)	(dairypack)	(hema)
End-of-line			
	SNADCLIT	overeste els	

Our Latest Innovations

SNAPCUT

PET cutting tech by Synerlink

Our patented Snapcut technology enables dairy processors to cut and pre-cut PET, PP, and all other recyclable and recycled plastics (PLA, rPET).

(versatech)

Versatech is the brand for customers looking for endless flexibility in Fill-seal solutions

(combiblow)

CombiBlow is the brand for our bottle Fill-seal solutions combining blow molder and filler in the same machine block

OUR PORTFOLIO OF MACHINES

				Speed	with 100 ml con	tainer			В	rand associat	ed
Technology	Machine Name	10,000	20,000	30,000	40,000	50,000	60,000	70,000	Arcil	Dairy Pack	Hema
	A3								•		
Form-Fill-Seal	A4								•		
Form-Fill-Seal	A5								•		
	A7								•		
	VERSATECH								Check our lates	st innovation on th	ne previous page
Inline Filling (sups)	C600									•	•
Inline Filling (cups)	C900			_						•	•
	C1200									•	•
	COMBIBLOW								Check our lates	st innovation on th	ne previous page
	B250									•	
Inline Filling (bottles)	B400		•							•	
	B800	_								•	
	B1200									•	
Inline Filling (cans)	CF										•
mune riung (cans)	CS										•
	QS									•	
Rotary Filling	QN/QA/QC										•
	VF									•	•

YOGURT & DAIRY DESSERTS







TOWARDS A SUSTAINABLE FUTURE

The pressure coming from regulators, consumers and internal sustainability objectives is aimed at reducing the environmental impact of the dairy production lines. Thus, producers are looking for more sustainable solutions.

company attain your sustainability goals.

MATERIAL DIVERSIFICATION

Product material and recyclability are two of the most relevant concerns for dairy producers. In addition to meeting consumer expectations, the packaging must also meet the brand's standards for quality and price.

Synerlink's industrial engineers work with you to develop and produce the packaging that will meet all your specifications: single-material packaging, reusable materials, recycled materials (rPS, rPP, rPET...), paper-based materials (and others).

ACHIEVING PERFORMANCE GOALS

Production goals, OEE and operational costs are among the success factors of a dairy production line, regardless of the packaging format or the produce recipe. This is why yogurt producers always need to evaluate the equipment solutions that best respond to their performance ambitions.

The efficient piloting, the ergonomics,

the optimized maintenance, the easy

loading of the consumables are part

of the DNA of the machines that we

conceive. Our technology is designed

to maximize production while improving the wellbeing of the operators and allow

ultimate automation.

With Synerlink's cup thermoforming solutions you can process many different recyclable materials to form your yogurt packaging while optimizing the thickness of the plastic to minimize its use. Thermoforming packaging solutions also help reduce material transportation carbon footprint, to aid you and your

CUPS AND JARS

PACKAGING STYLE

























PRODUCT TYPE



Set Yogurt





Multilayer





Stirred, Greek & Fromage Blanc





Plant-based Yogurt





Dairy Desserts

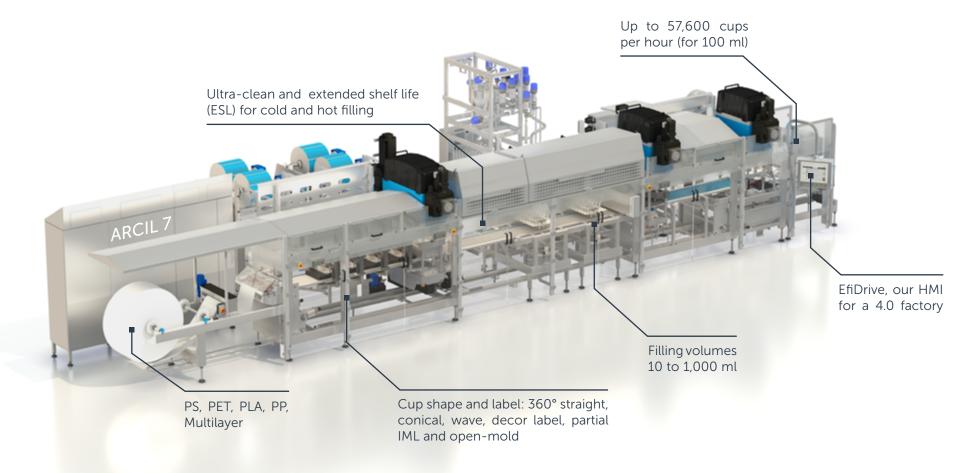




Sweet Condensed & Evaporated Milk

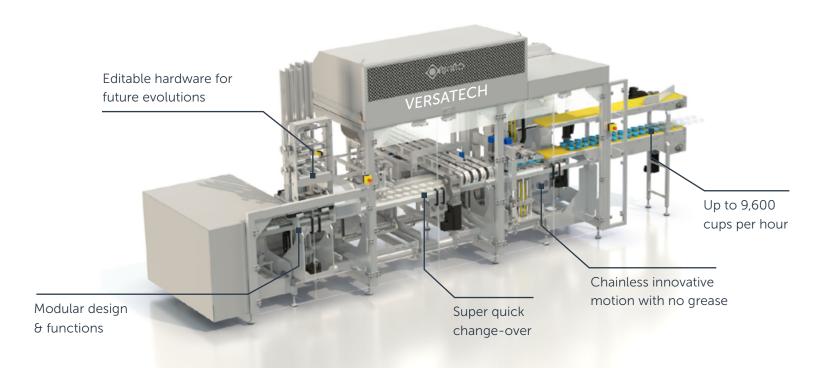


FORM-FILL-SEAL MACHINES FOR CUPS



Thermoformed Cup Filling Machines	· Material Clin snane and lanel		Filling volume	Cups/hour for 100 ml cup	
ARCIL 3	Ultra-Compact and affordable Dedicated to small productions and product tests	PS, PP, Multilayer	Mini-portion, 360° straight	80-100 ml (10-40 ml for mini-portion)	2,160 to 14,400 (28,800 for mini-portions)
ARCIL 4	Compact, evolutive, affordable and high capacity	PS, PET, PP, Multilayer	PS, PET, PP, Multilayer Mini-portion, 360° straight, straight label		14,400 to 21,600 (36,200 for mini-portions)
ARCIL 5	Compact, evolutive and affordable	PS, PET, PLA, PP, Multilayer	360° straight, conical, wave, decor label, partial IML, capping	25-1,000 ml	14,400 to 28,800
ARCIL 7	Modular and evolutive, very high capacity and exceptional ergonomy	PS, PET, PLA, PP, Multilayer	360° straight, conical, wave, decor label, partial IML and open-mold	25-1,000 ml	26,880 up to 57,600

FILLING MACHINES FOR CUPS AND JARS



Inline Filling Machines	Highlights		Materials	Sizes	Optio	ns Filling Volumes	Units/stroke	Units/Hour
DAIRY PACK C600	Compact and competitive	е	Paper, Plastic, Alum	50 - 120 mm cup ø	1 cup	ø 100-1,000 ml	1x4 to 2x6	8,000 to 18,000
DAIRY PACK C900	Compact, easy access, high ca	pacity	Paper, Plastic, Alum, Glass	60 - 160 mm cup ø	Up to 3 cups		1x2 to 2x12	12,000 to 30,000
DAIRY PACK C1200	Compact, easy access, high ca	pacity	Paper, Plastic, Alum, Glass	60 - 160 mm cup ø	Up to 3 cups		1x2 to 2x16	24,000 to 60,000
VERSATECH	Efficient maintenance, augmented ergonomics, packaging versatility		All materials	40 - 150 mm cup ø	endless	s ø 100-1,000 ml	2x2	9,600
Rotary Volumetric Fillers	Highlights		Products			Container Size	Filling Volumes	Units/Hour
DAIRY PACK VF	Non-stackable containers		Stirred, Greek, & Fromage Blanc, Plant-based Yogurt, Dairy erts, Sweet Condensed & Evaporated Milk		ø 170 mm max body	25-1,825 ml	6,000 to 72,000	

CREAM & SPREADABLE CHEESE







PACKAGING SHELVES APPEAL

Dairy producers need to reconciliate the industrial necessities with product branding. Besides meeting the technical specifications, the packaging equipment solutions need to be able to package a product that respond to the branding needs of the company and stand out on the distribution channels shelves.

TARGET MARKET PACKAGING

Sour cream producers are catering to different end consumer segments. Families and occasional cooks look for smaller portions that can span from 200ml to half a liter, while professional chefs need larger quantities.

CREAM RECIPES TREND

To increase market share on creamy products, producers are looking into niche markets and diversification. This requires producers to look for packaging equipment that can respond to the packaging need of their specific recipe.

Synerlink offers packaging solutions that can fill and seal sour cream and analogous products in a broad range of packaging with different format dimensions. For example, Synerlink solutions can package sour cream in bottles to give your product a unique looking appearance.

Synerlink offers both rotary and inline fill-seal machines to package sour cream in premium looking packaging that responds to your clients' needs. Synerlink packaging options can process different kinds of materials, depending on your needs, from plastic to cardboard and glass of dimensions from 100 ml to 1 liter.

Synerlink develops, designs, and offers solutions for a wide range of different recipes for cream. Starting from the base recipe for sour cream, to plant-based alternatives like almond milk based cream, creamy coconut milk and other vegetable fats.

CUPS & BOTTLES

PACKAGING STYLE















PRODUCT TYPE



Sour Cream





Crème Fraîche





Mascarpone





Seasoned





Cream Cheese





Cottage Cheese



ROTARY FILLING SOLUTIONS

Ultra-clean and extended shelf life (ESL) for cold and hot filling

Perfectly suitable for viscous products with large particulates





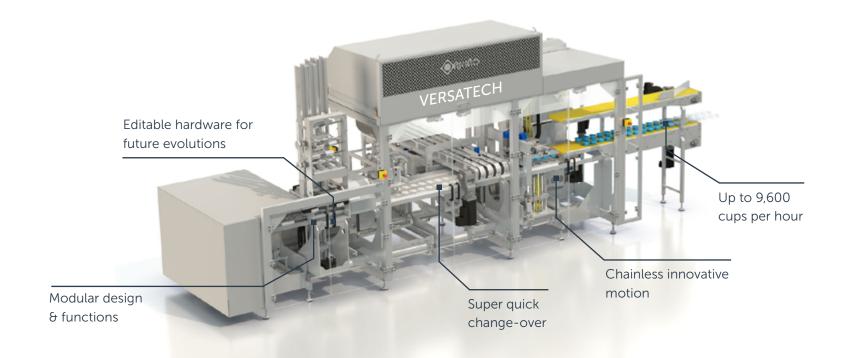






Rotary Volumetric Fillers	Highlights	Products	Container Size	Filling Volumes	Units/Hour
DAIRY PACK VF	Non-stackable containers	Sour Cream, Crème Fraîche, Mascarpone, Seasoned Cream, Cream Cheese, Cottage Cheese	ø 170 mm max body	25-1,825 ml	3,600 to 72,000

INLINE SOLUTIONS



Inline Filling Machines	Highlights	Materials		Sizes	Options	Filling Volumes	Units/stroke	Units/Hour
DAIRY PACK C600	Compact and competitive	Paper, Plastic, Alum	5	60 - 120 mm cup ø	1 cup ø	100-1,000 ml	1x4 to 2x6	8,000 to 18,000
DAIRY PACK C900	Compact, easy access, high capacity	Paper, Plastic, Alum, Glass	6	60 - 160 mm cup ø	Up to 3 cups ø	80-1,500 ml	1x2 to 2x12	12,000 to 30,000
DAIRY PACK C1200	Compact, easy access, high capacity	Paper, Plastic, Alum, Glass	60 - 160 mm cup ø		Up to 3 cups ø	80-1,500 ml	1x2 to 2x16	24,000 to 60,000
VERSATECH	Efficient maintenance, augmented ergonomics, packaging versatility	All materials	4	10 - 150 mm cup ø	endless slats ø	100-1,000 ml	1x2 to 2x2	4,800 to 9,600
Thermoformed Cup Filling Machines	Highlights	Material		Cup shape a	and label	Filli volu		Cups/hour for 100 ml cup
ARCIL 5	Compact, evolutive and affordable	PS, PET, PLA, PP, Multilayer 360° s			360° straight, conical, wave, decor label, partial IML, capping		00 ml	14,400 to 28,800
ARCIL 7	Modular and evolutive, very high capacity and exceptional ergonomy	PS, PET, PLA, PP, Multilayo	er	360° straight, conical, wave, decor label, partial IML and open-mold		25-1,000 ml		26,880 up to 57,600

product disposal.







CONTAMINATION AND HANDLING

SPREADABLE FATS RECIPES

TARGET MARKET PACKAGING

Water contamination of butter & margarine is always a concern for producers during the packaging phase of the product. Alongside the correct processing and constant motion of the product in between the processing and filling stages.

The butter and vegetable spreadable fat market is very diverse and producing higher mark-up products means increasing recipe diversification to tap into new market niches. Forcing producers to adapt their packaging to respond to the needs of their specific target markets.

Spreadable fats producers are catering to different end consumer segments. Horeca consumers are looking for plastic mini-portions for single serves at buffets and meals, while supermarket consumers are attracted to bigger packaging to store more product.

Synerlink solutions are designed to handle your product viscosity and to keep the paste under continuous agitation and motion during the filling process. Our filling machine are also designed to prevent any possible water contamination, to ensure the product quality and decrease waste during

Synerlink develops, designs, and offers packaging solutions for a wide range of different recipes for spreadable fats. Starting from the more common unsalted butter, to plant-based alternatives like margarine or recipes involving dry ingredients like mushrooms, herbs, cacaos and so on.

Synerlink offers both form-fill-seal machines as well as fill-seal machines to package spreadable fats in premium looking packaging that responds to your clients' needs. Synerlink packaging options span from plastic mini-portions to trays in plastic, cardboard or even cans to package butters and spreadable fats.

TRAYS AND MINIPORTIONS

PACKAGING STYLE













PRODUCT TYPE



Soft Butter





Spreadable





Organic





Compound





Margarine





Plant-Based



FORM FILL SEAL FOR TRAYS AND MINIPORTIONS











Thermoformed Cup Filling Machines	Highlights	Material	Cup shape and label	Filling volume	Cups/hour for 100 ml cup
ARCIL 4	Compact, evolutive, affordable and high capacity	PS, PET, PP, Multilayer	Mini Portion, 360° straight, straight label	80-100 ml (10-40 ml for mini-portion)	14,400 to 21,600 (36,200 for mini-portions)
ARCIL 5	Compact, evolutive and affordable	PS, PET, PLA, PP, Multilayer	360° straight, conical, wave, decor label, partial IML, capping	25-250 ml	18,000 to 28,800 (80,000 for mini-portions)

FILL SEAL FOR TRAYS

Multiple tray size in option

Up to 20,000 units per hour

Possible to use all materials (plastic, aluminum, glass, carton)











Filling volumes 80 ml to 250 ml

Inline Filling Machines	Highlights	Materials	Sizes	Options	Filling Volumes	Units/stroke	Units/Hour
DAIRY PACK C600	Compact and competitive	Carton, Plastic, Alum	50 - 120 mm cup ø	1 cup ø	100-250 ml	1x2 to 1x6	6,000 to 9,000
DAIRY PACK C900	Compact, easy access, high capacity	Carton, Plastic, Alum	60 - 160 mm cup ø	Up to 3 cups ø	80-250 ml	1x2 to 1x8	8,000 to 18,000
VERSATECH	Efficient maintenance, augmented ergonomics, packaging versatility	All materials	40 - 150 mm cup ø	endless ø	100-250 ml	1x2 to 2x2	4,800 to 9,600
HEMA CANFILL	Dedicated to can filling	Metal and Glass Cans	ø 103 mm max body 203 mm max height	1 can ø	100-5,000 ml	1 or 2 lines	1,800 to 24,000







FILLING WITH EXPERIENCE

Producers are wary of the several specifications that need to be considered when packaging beverages. In-depth knowledge and experience are among the factors to evaluate in a supplier.

LOCAL AFTERSALE

Throughout the machine lifecycle, maintenance and debugging are keep production fundamental to output, schedule. standards. and Partnering with a supplier that has a global presence with local teams can make the difference for a production line.

TOWARDS A SUSTAINABLE FUTURE

Beverage's producers are looking for increasingly better sustainable solutions to package their product. The pressure coming from regulators, consumers and internal sustainability objectives is aimed at reducing the environmental of the production lines.

Our experience and technical capabilities help you ensure product quality during the delicate filling and dosing phase of the production line of dairy beverage, non-gaseous fruit-based beverages and much more.

Synerlink is always close to you. Thanks to our global presence with our local teams, warehouses, and field service, you can count on an aftersales and maintenance service that answers your specific needs at all time.

With Synerlink's bottle blowing solutions you can optimize your warehouse floorspace to make sure to consciously exploit your resources to the fullest and diminish waste. These solutions also help reduce your material transportation carbon footprint, to help you and your company attain your sustainability goals.

BOTTLES & CANS

PACKAGING STYLE

























PRODUCT TYPE



Drinkable Yogurt





Juice





Smoothie





Ready to drink Tea & Coffee





Bubble Tea

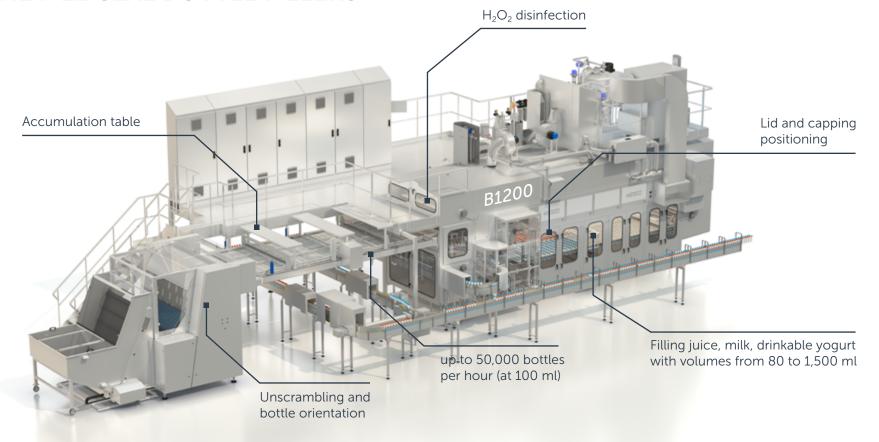




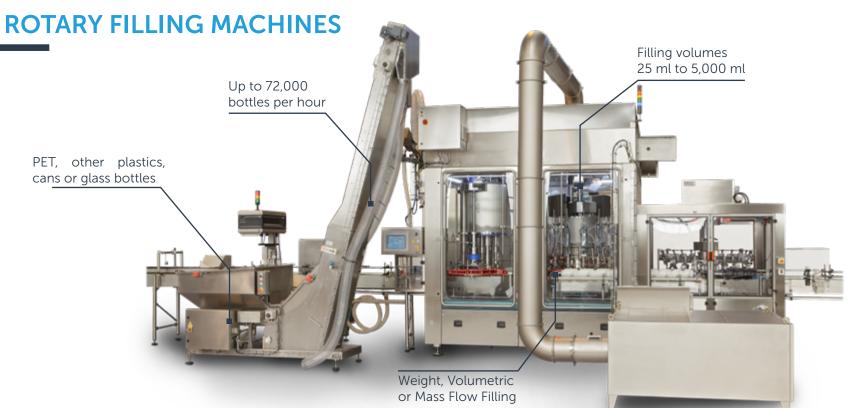
Milkshake



INLINE FILL-SEAL BOTTLE FILLERS



Inline Bottle Filling Machines	Highlights	Materials	Sizes	Options	Filling Volumes	Units/stroke	Units/Hour
DAIRY PACK B250	High cost efficiency Compact with easy access	PET, HDPE, PP, PS	ø 40 to 56 mm body	1 or 2 neck diam	80-270 ml	1x3	up to 6,000
DAIRY PACK B400	High cost efficiency Compact with easy access	PET, HDPE, PP, PS	ø 40 to 88 mm body	1 or 2 neck diam	80-1,500 ml	1x4, 1x5 or 1x6	up to 12,000
DAIRY PACK B800	High flexibility Compact with easy access	PET, HDPE, PP, PS	ø 40 to 88 mm body	1 or 2 neck diam	80-1,500 ml	2x4, 2x5 or 2x6	up to 24,000
DAIRY PACK B1200	High flexibility	PET, HDPE, PP, PS	ø 40 to 92 mm bod	1 or 2 neck diam	80-1,000 ml	1x24	up to 50,000
COMBIBLOW	High flexibility Compact with easy access	PET	ø 40 to 88 mm body	1 or 2 neck diam	80-1,500 ml	1x8	up to 8,000











Rotary Volumetric Fillers	Highlights	Products	Container Size	Filling Volumes	Units/Hour
DAIRY PACK VF	Filling of high viscosity products and chunks of 50x50x25 mm	Drinkable Yogurt, Juice, Smoothie, Tea & Coffee, Bubble Tea, Milkshake	ø 170 mm max body	25-1,825 ml	3,600 to 72,000
Rotary Weight Fillers	Highlights	Products	Container Size	Filling Volumes	Units/Hour







PRODUCT FILLING REQUIREMENTS

THE RIGHT PACKAGING CHOICES

HYGIENE STANDARDS

Sauces and prepared food producers are concerned with entrusting the correct packaging equipment supplier to be able to rely on in-depth technical knowledge to ensure accurate, smooth, and hygienic product filling that does not temper with the product recipe or the packaging.

Besides meeting the technical specifications, the packaging equipment solutions need to be able to produce and package the product in formats that respond to the branding needs of the company and stand out on the distribution channels shelves.

Regulators are increasingly asking producers to maintain high hygiene product standards. Both during the processing phase and the packaging phase, all producers are concerned with maintaining the right environment to ensure the product requirements are met.

The technical knowledge of integrated packaging solutions is enhanced by Synerlink's long experience in serving sauces and prepared foods producers around the world. Our technical solutions help you handle liquid, foamy, viscous, or even products that contain chunks to ensure smooth and accurate filling.

Synerlink's machines are designed to adapt to your needs and specifically to your customer's needs. For this reason, Synerlink machines can fill metal, glass, cardboard and plastic packaging, of a variety of shapes and dimensions.

Our filling machines can be 3A certified to ensure the respect of hygiene standards throughout the industry. Synerlink is an EHEDG member and contributes to improving the industry standards. We also offer solutions to our customers to meet their hygiene requirements.

JARS, BOTTLES & CANS

PACKAGING STYLE















PRODUCT TYPE



Ketchup, Barbecue & Tomato Sauces





Oyster, Chili & Soy Sauces





Bi or Tri-phase Sauces





Dressings





Mustard & Mayonnaise





Prepared Dishes



ROTARY FILLING MACHINES - ELECTRONIC

and dressings market

HEMA QN





ø 210 mm max body

80-5,000 ml

6,000 to 40,000

ROTARY FILLING MACHINES - MECHANICAL

Ultra-clean and extended shelf life (ESL) for cold and hot filling









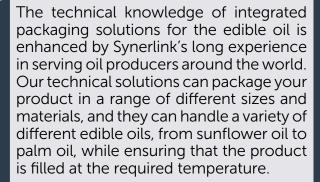


Rotary Volumetric Fillers		Products	Container Size	Filling Volumes	Units/Hour
HEMA VF	Filling of high viscosity products and chunks of 50x50x25 mm	Ketchup, Barbecue, Tomato, Oyster, Chili, Soy, Bi or Tri-phase Sauces, Dressings, Mustard, Mayonnaise, Prepared meals	ø 170 mm max body	25-1,825 ml	3,600 to 72,000



RECIPE HANDLING AND FILLING

The edible oil market is very diverse sector, where the right packaging equipment varies according to your product recipe, requiring producers to look for packaging equipment that can meet the packaging needs of their specific product.





OXIDATION, SHELF LIFE AND TRANSPORTATION

Ensuring the correct handling of the product determines the shelf life and the quality of the edible oil. Whether it regards the oxidation or the product temperature. Edible oil producers are looking at solutions that can truly respond to this need while ensuring the packaging solidity.

Synerlink offers solutions that are studied to ensure your product shelf life and prevent oil oxidation. The right environment temperature, prevention of oxidation and strengthening bottle solidity for transportation are among the solutions that Synerlink offers to edible oil producers.



ACHIEVING PERFORMANCE GOALS

Production goals, recipes handling, and waste minimization are all success factors when packaging edible oil. The production line needs to rely on a supplier that has taken these factors into consideration during the machine design phase.

Synerlink filling and capping machines are conceived to help you reach your performance goals and optimize the recipe change process. Our packaging equipment allows cost-efficient recipe changes for the cleaning, rinsing process and to minimize product waste thanks to its optimized filling tanks.

BOTTLES & CUPS

PACKAGING STYLE















PRODUCT TYPE



Olive Oil





Groundnut Oil





Rapeseed Oil





Sunflower Oil





Walnut Oil





Palm Oil



FORM-FILL-SEAL MACHINES FOR MINIPORTIONS











Thermoformed Cup Filling Machines	Highlights	Material	Cup shape and label	Filling volume	Cups/hour for 100 ml cup
ARCIL 5	Compact, evolutive and affordable	PS, PET, PLA, PP, Multilayer	360° straight, conical, wave, decor label, partial IML, capping	25-250 ml	14,400 to 28,800 (80,000 for miniportions)

ROTARY FILLING MACHINES







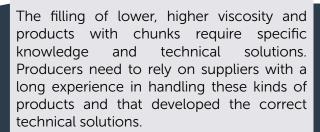


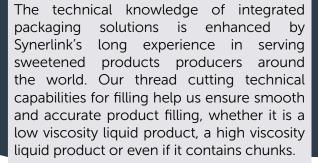


Rotary Volumetric Fillers	Highlights	Products	Container Size	Filling Volumes	Units/Hour
HEMA QA	Dedicated to the edible oil market, also available in Combi with the same specs	Edible Oil, Olive Oil, Sunflower Oil, Rapeseed Oil, Groundnut Oil	ø 210 mm max body	80-5,000 ml	6,000 to 40,000
СОМВІ	High flexibility, compact with easy access	Edible Oil, Olive Oil, Sunflower Oil, Rapeseed Oil, Groundnut Oil	ø 40 to 88 mm body	80-1,500 ml	4,000 to 8,000



HANDLING VISCOSITY FILLING







THE RIGHT PACKAGING CHOICES

Besides meeting the technical specifications, the packaging equipment solutions need to be able to produce and package the product in formats that respond to the branding needs of the company and stand out on the distribution channels shelves.

Synerlink's machines are designed to adapt to your needs and specifically to your customer's needs. For this reason, Synerlink machines can fill metal, glass, cardboard, and plastic packaging, of a variety of shapes and dimensions.



QUALITY AND HYGIENE

Regulators and consumers are asking producers to maintain high hygiene and quality product standards. Whether during the processing phase and the packaging phase, all producers are concerned with maintaining the right environment to ensure that all product requirements are met. With honey for example, to avoid air inclusion, we add a bottom filling device.

Synerlink's complex technical solutions for filling sweetened products can maintain higher temperatures that ensure both the quality of the product and the hygiene level without tempering with the packaging.

CUPS, JARS, BOTTLES AND CANS

PACKAGING STYLE



















PRODUCT TYPE



Jam & Jellies





Fruit Compote





Spreads





Caramel & Honey





Flan

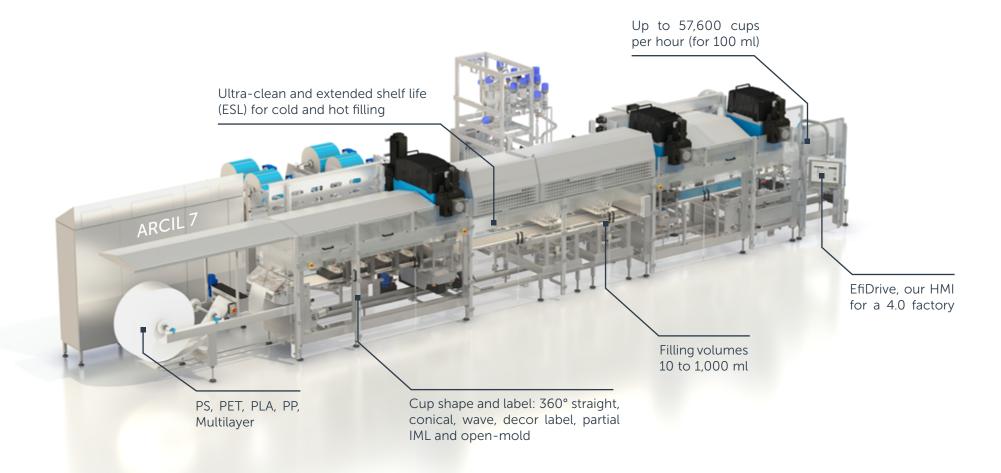




Desserts



FORM-FILL-SEAL MACHINES FOR CUPS



Thermoformed Cup Filling Machines	Highlights	Material Cup shape and label		Filling volume	Cups/hour for 100 ml cup
ARCIL 3	Ultra-Compact and affordable Dedicated to small productions and product tests	PS, PP, Multilayer	Mini portion, 360° straight	80-100 ml (10-40 ml for mini-portion)	2,160 to 14,400 (28,800 for mini-portions)
ARCIL 4	Compact, evolutive, affordable and high capacity	PS, PET, PP, Multilayer	Mini Portion, 360° straight, straight label	80-100 ml (10-40 ml for mini-portion)	14,400 to 21,600 (36,200 for mini-portions)
ARCIL 5	Compact, evolutive and affordable	PS, PET, PLA, PP, Multilayer	360° straight, conical, wave, decor label, partial IML, capping	25-1,000 ml	14,400 to 21,600
ARCIL 7	Modular and evolutive, very high capacity and exceptional ergonomy	PS, PET, PLA, PP, Multilayer	360° straight, conical, wave, decor label, partial IML and open-mold	25-1,000 ml	26,880 to 57,600

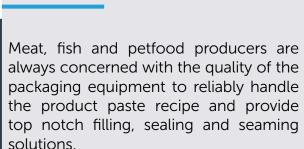
FILLING MACHINES FOR CUPS, JARS, BOTTLES AND CANS



Inline Filling Machines	Highlights	Materials Sizes Optio		Options	Filling Volumes	Units/stroke	Units/Hour
НЕМА С600	Compact and competitive	Paper, Plastic, Alum	50 - 120 mm cup ø	1 cup ø	100-1,000 ml	1x2 to 2x6	8,000 to 18,000
НЕМА С900	Compact, easy access, high capacity	Paper, Plastic, Alum, Glass	60 - 160 mm cup ø	Up to 3 cups ø	80-1,500 ml	1x2 to 2x12	12,000 to 30,000
HEMA C1200	Compact, easy access, high capacity	Paper, Plastic, Alum, Glass	60 - 160 mm cup ø	Up to 3 cups ø	80-1,500 ml	1x2 to 2x16	24,000 to 60,000
VERSATECH	Efficient maintenance, augmented ergonomics, packaging versatility	All materials	40 - 150 mm cup ø	endless ø	100-1,000 ml	1x2 to 2x2	4,800 to 9,600
Rotary Volumetric Fillers	Highlights	Products		Co	ntainer Size	Filling Volumes	Units/Hour
HEMA VF	Filling of high viscosity products and chunks of 50x50x25 mm	Jam & Jellies, Fruit Compote, Spreads, Caramel & Honey, Flan, Desserts		ø 170) mm max body	25-1,825 ml	3,600 to 72,000



PRODUCT HANDLING AND SHELF LIFE



The technical knowledge of integrated packaging solutions for canned foods is enhanced by Synerlink's long experience in serving meat, fish and petfood producers around the world. Our technical solutions for filling, seaming, or sealing help you to handle your products accurately and reliably while ensuring the quality and the shelf life of your product.



SEAMING TECHNOLOGY ACCURACY

Accurate dosing of meat and petfood in cans determines both the quality of the packaging and the quality of the final product. Thus, producers are always concerned with this aspect during the selection of their packaging equipment.

Synerlink technical capabilities dosing and removing oxygen before the seaming, prevents excessive oxidation and thus ensure your product integrity (for luncheon and corned beef applications).



PACKAGING FORMATS

meeting Besides the technical specifications, the packaging equipment solutions need to be able to produce and package the product in formats that respond to the branding needs of the company and stand out on the distribution channels shelves.

Synerlink filling and seaming machines package meat, fish and petfood and fill a wide range of can formats, from the common round and rectangular cans, to tronconical and pear-shaped cans and so much more. Synerlink has been able to develop these technologies throughout the years while serving more than 400 meat and petfood producers worldwide.

FACING THE CHALLENGES

GLASS CONTAINERS & CANS

PACKAGING STYLE



















PRODUCT TYPE



Corned Beef





Pâtés, Foie Gras, Luncheon Meat





Pet food





Goulash, Tushunka





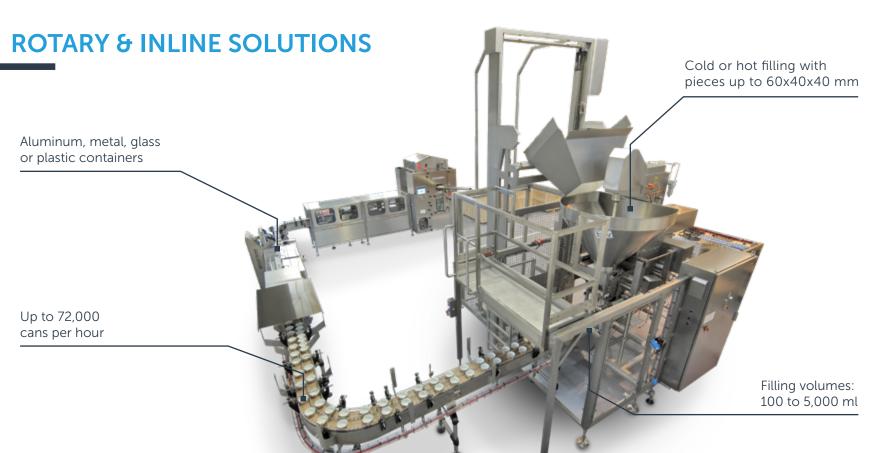
Fish Eggs, Caviar





Fish flakes, Cod liver





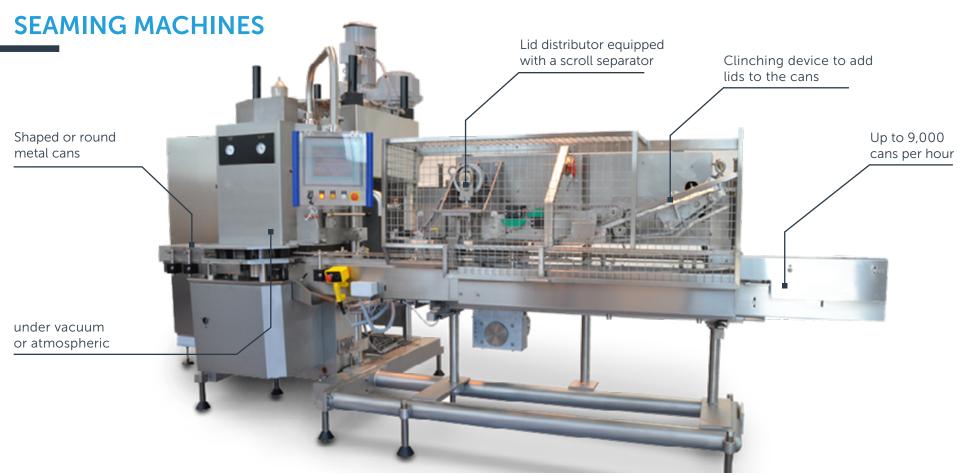








Rotary Volumetric Fillers	Highlights	Products	Container Size	Filling Volumes	Units/Hour
HEMA CANFILL	Dedicated to the meat and fish based products and pet food markets	Corned Beef, Pâtés, Foie Gras, Luncheon Meat, Pet food, Goulash, Tushunka, Fish Eggs, Caviar, Fish flakes, Cod liver	ø 103 mm max body 203 mm max height	100-5,000 ml	1,800 to 24,000
HEMA VF	Filling of liquid paté with high viscosity with or without chunks	Pâtés, Pet food, Goulash	ø 170 mm max body	25-1,825 ml	3,600 to 72,000











Inline Seamers	Highlights	Products	Container Size	Filling Volumes	Units/Hour
HEMA CANSEAM	Inline can seamer at high speed under vacuum or atmospheric	Seaming of round and shaped cans	ø 45 to 155 mm Diag 45 to 170 mm H 20 to 250 mm	100-5,000 ml	4,800 to 9,000

HOME CARE & PERSONAL CARE



YOUR CHOICE ON PACKAGING



EXPERTISE WITH EXPERIENCE



MEET YOUR PERFORMANCE GOALS

Besides meeting technical the specifications, the packaging equipment solutions need to be able to produce and package the product in formats that respond to the branding needs of the company and stand out on the distribution channels shelves.

Synerlink's machines are designed to

adapt to your needs and specifically to

your customer's needs. For this reason,

Synerlink machines can fill a variety of

different shapes and formats as well as

different types of packaging materials,

including PET and HDPE.

Dealing with experienced suppliers with global reach is fundamental to entrust a packaging equipment supplier to design and develop solutions that are targeted to the specific production needs.

Synerlink solutions for homecare and personal care products are what you need if you are looking for a line that combine filling accuracy, high speed and efficiency. On top of our machine expertise, we also have experienced teams that will continue to support you after installation.

Home care and personal care producers usually handle various products as well as various packaging formats to fulfil their production and portfolio requirements. Obliging them to seek solutions that can respond to these needs while reaching all other production goals.

Synerlink integrated filling lines are conceived to help you reach your performance goals and are customized to your specific range of products. Our packaging equipment can handle several products on the same line with fast format changeover to respect your production needs in terms of quantity and in terms of product range.

BOTTLES

PACKAGING STYLE









PLASTIC BOTTLE WITH TRIGGER PUMP





PRODUCT TYPE



Detergent





Dishwashing Liquid





Fabric Softener





Shampoo & Conditioner





Shower Gel

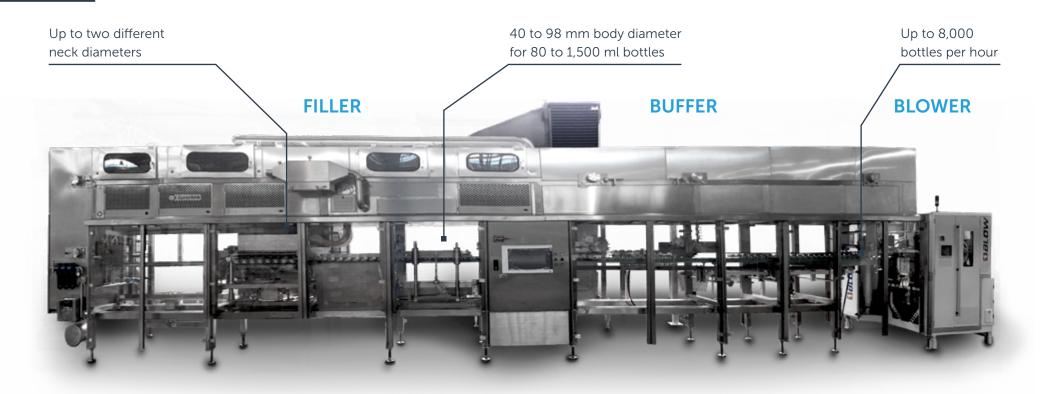




Skin Care Cream



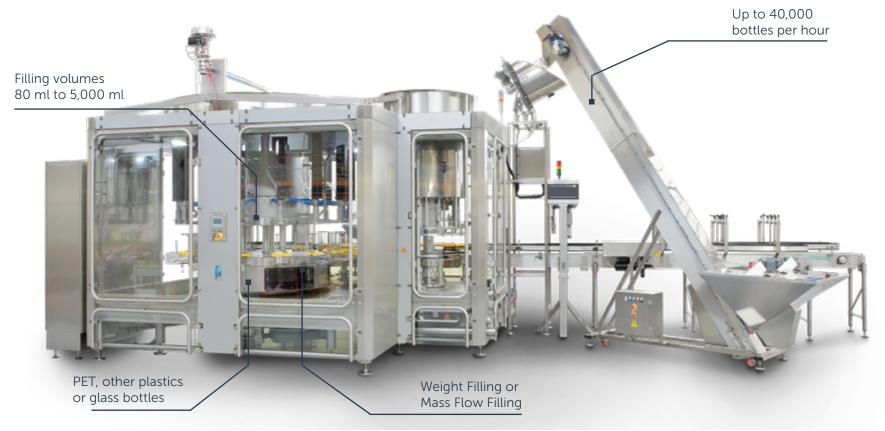
INLINE COMBI (BOTTLE BLOWER & FILLER)





Bottle Filling Machines	Highlights	Materials	Sizes	Options	Filling Volumes	Units/stroke	Units/Hour
СОМВІ	High flexibility Compact with easy access	PET	ø 40 to 88 mm body	1 or 2 neck diam	80-1,500 ml	1x8	4,000 to 8,000

ROTARY FILLING MACHINES - ELECTRONIC











Electronic Fillers	Highlights	Products	Container Size	Filling Volumes	Units/Hour
НЕМА QC	Dedicated to the Home and Personal Care market (Combi solution possible with the same specs)	Shower gels, Shampoo, Dishwashing liquid, Laundry and floor detergent, Fabric Softener	ø 210 mm max body	80-5,000 ml	6,000 to 40,000



SECONDARY PACKAGING & PALLETIZING

ROBOTIC END-OF-LINE SOLUTIONS

Synerlink creates optimal end-of-line packaging solutions for single or multipack cups and bottles to meet your branding and logistic requirements.

Synerlink secondary packaging and material handling equipment offers a wide range of solutions for batch preparation, overwrapping, case packing, stacking, elevating and palletizing. We can provide intermittent motion, continuous motion robotics or a combination of both technologies to suit your specific end-of-line equipment requirements.





































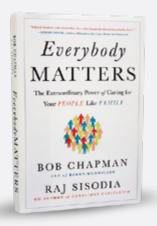
ROBOTIC - SLEEVING - OVERWRAPPING - MATERIAL HANDLING

Continuous motion with integrated robotics, these end-of-line solutions are high-capacity, efficient and flexible, resulting in simplified product changeovers and end-of-production emptying operations with no product loss.



Function	Particularity	Assets	Rate
Transfer tool	Positive transfer of cups from the outlet of a FFS machine to the downstream equipment	Line length optimization Smooth and positive way to manage the cups, including orientation	-
Automated merger tool	Robotic merger or diverger cell	Without any guide, adjustments, or parts changeover	-
Sleeving machine from the bottom-up	Multi-lane machine Positive handling of cups all along the sleeving process	Super compact footprint Alignment of sleeve labels with the lid	Up to 43,200 cups/hours
Continuous cardboard overwrapping	Great access for cardboard loading High volume capacity	In option: automatic variable pitch Best fit with robotic infeed tools	Up to 360 packs/mn
Case packer	Robotic standard solution Compatible with both intermittent or continuous process	No mechanical requirements Without any guide, adjustments and parts changeover	Up to 43,200 cups/hours
Combination of cardboard overwrapping and casepacking	Overwrapping and case packing operation are executed in the same machine block	Modular architecture Multi-lane sequential functions	To be verified according to configuration
Case or tray former	Great access for cardboard loading High volume capacity	Compatible with automatic cartons feeding Full automatic changeover except the mandrel tool	Up to 60 cases/min (per head)
Robotic palletizer	Tailored made robotic solution to meet the project requirements	Safe robotic cell High flexibility	-

ABOUT barrywehmiller

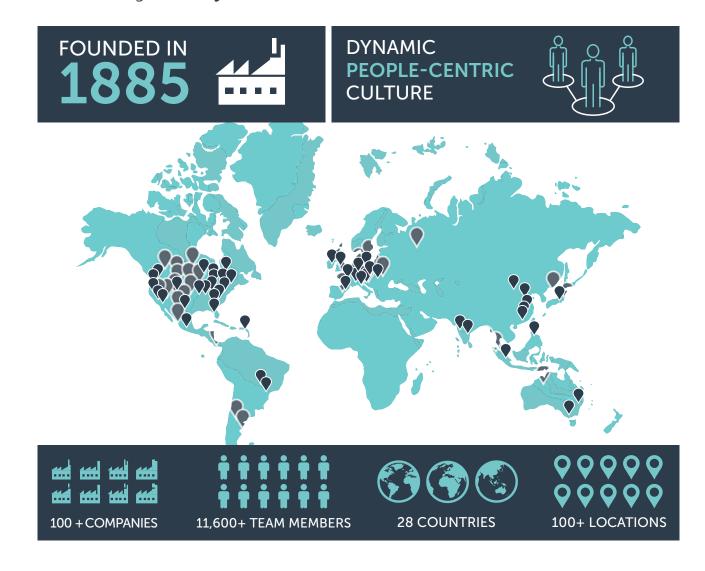


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BW PACKAGING SYSTEMS CONTACT INFORMATION

BW Packaging Systems is a \$700 + million business with more than 3000 team members in nine countries and 37 locations around the world. Through **BW Packaging Systems**, customers can find more than just a single machine, they can leverage the combined primary packaging, labeling and end-of-line packaging systems of each of the **Barry-Wehmiller** packaging companies.



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A global leader of fillers for dairy products, food and beverage, designing & manufacturing state-of-the art integrated packaging lines for ultra-clean, extended shelf-life and aseptic products.

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