

Packaging your ideas

_Our equipment

aranow
packaging
machinery

Aranow

Packaging your ideas

The consumption of products in single-dose packaging increases every day. At **ARANOW**, we develop **high quality solutions for different industries**, becoming a feasible partner for your company. Our packaging equipment include specialized dosing systems for any type of product (liquid, powder, granulate or pieces) and creative finishing, **offering an excellent result, whether stickpack or flat sachet**.

In order **to establish a long term partnership with your team, we provide a complete pack of services to companies all over the world**. From the design and production of customized packaging equipments adapted to your production needs, to the training of the staff, the production support and a customer service department at your disposition, we will help you to reach your goals and serve your consumer **with a convenient and functional product adapted to the requirements of the modern distribution**.

ARANOW is your partner for stickpack and flat sachet.

Our equipment

and types of packaging

MULTILANES MACHINES		VERSION		FILLER				PACKAGE TYPE					LANES NUM.	NAMING		
MODEL	RANGE (MAX REEL WIDTH)	PHARMA	DAIRY	LIQUID	POWDER	GRANULATE	PIECES	3 SIDE SEAL	SIDE SEAL	LAP SEAL	SHAPE	TWIN PACK		I.E	I.E	
StickPack															COMMERCIAL	VERSIONS
an1000	1000												4-24			
an650	650	H	Y	Q	P	G	X	E	S	L	SH	TW	4-16	an650	an650-H	
an300	300												1-4			
Sachet																
fs1000	1000												3-14			
fs650	650	H	Y	Q	P	G	X	4 SIDES SEAL			SH	TW	2-9	fs650	fs650-H	

_Stickpack, Flat sachet, Complete lines.

_Industries: Food, beverages, pharmaceuticals, dairy, cosmetics, detergents.



Stickpack

an1000

High production stickpack multilane machine up to 24 lanes.

Features:

- High production performance (OEE >95%).
- Full customer service along machine life.
- High filling accuracy controlled from HMI.
- Main motion servomotorized.
- Easy access for sealing system cleaning. Tool-free.
- Low maintenance.
- Gas flushing.
- Independent lane rejection (reject/sampling), fail safe mode.
- Oxygen residual analyzer.
- GMP Compliance.
- Remote diagnosis via ethernet.
- Independent temperature calibration of each sealing jaw from touch screen.
- Total hermetic and monobloc machine.
- CIP and/or SIP procedures.
- Stickpack length automatically adjustable.
- Empty stick detector.
- Nozzle independent movement + shut-off valves.
- Transfer systems to secondary packaging equipment.
- HMI for multiple recipes.
- Programmable string option.
- Unwinder with safety lock doors.
- Centralized lubrication.
- Automatic reel alignment.
- Expansible reel shaft.

Additional features:

- Laser/Thermoprinter/Inkjet/Thermotransfer.
- Vacuum/auger/elevator feeding systems.
- Non-stop automatic reel splicer.
- Anti-static bar.
- UV lamp.

Stickpack type:

- Lap seal.
- Fin seal.
- Shaped stick.
- Twinpack.
- 3 side seal.
- Side seal.

Filling system:

- Volumetric filler.
- Auger filler.
- Piston pumps.
- Flowmeter.
- Timing filler.
- Counting filler.



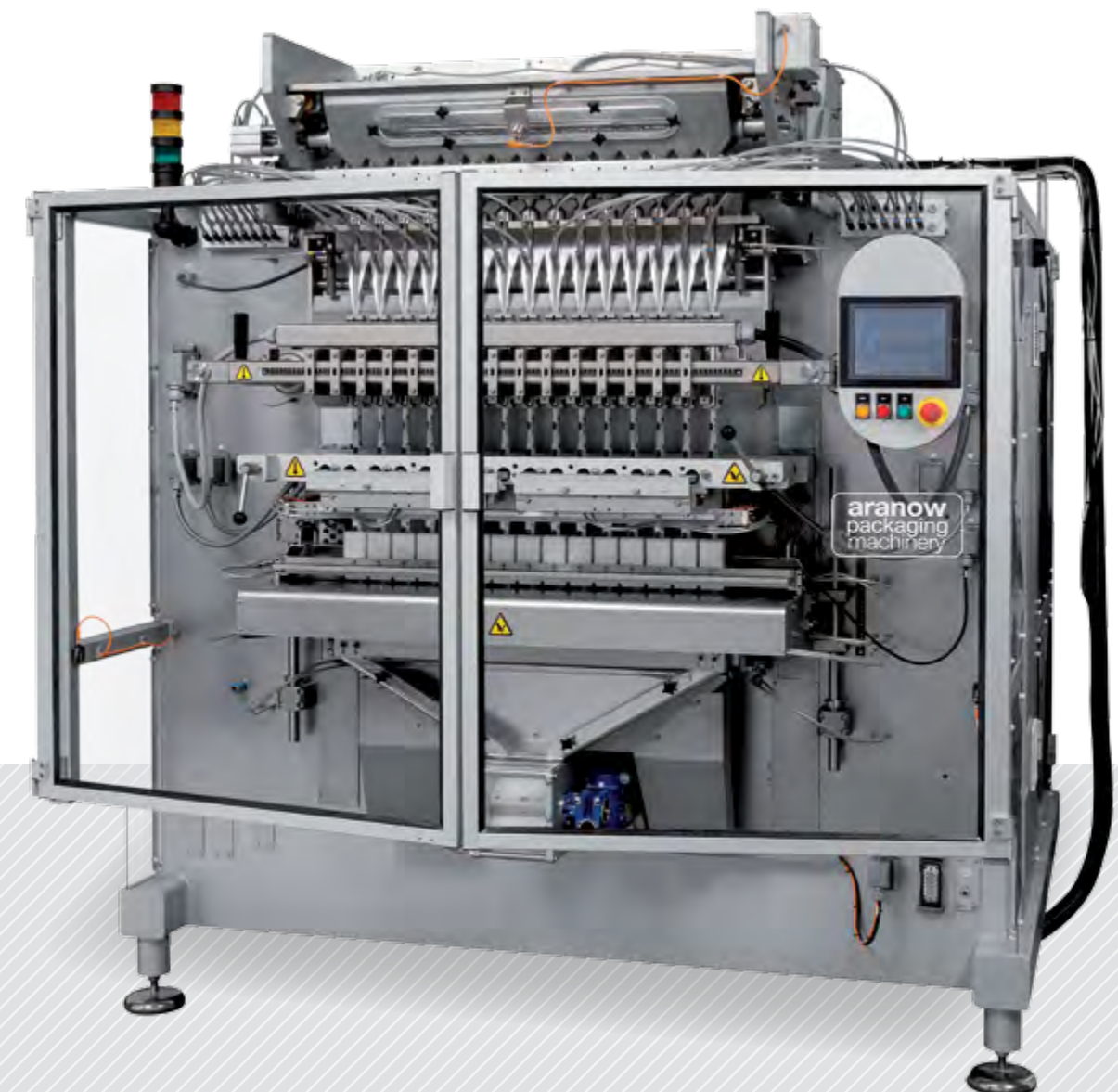
1. Granulate filler.



2. Powder and liquid filler.



3. Liquid filler.



1. Liquid.



2. Powder.



3. Granulate.



4. Pieces.



5. Shape.



6. Twin.

Stickpack

an650

High speed stickpack multilane machine up to 16 lanes.

Features:

- High production performance (OEE >95%).
- Full customer service along machine life.
- Main motion servomotorized.
- High filling accuracy controlled from HMI.
- Easy access for sealing system cleaning. Tool-free.
- Gas flushing.
- Low maintenance.
- Independent lane rejection (reject/sampling), fail safe mode.
- GMP Compliance.
- Oxygen residual analyzer.
- Independent temperature calibration of each sealing jaw from touch screen.
- Remote diagnosis via ethernet.
- Total hermetic and monobloc machine.
- Stickpack length automatically adjustable.
- CIP and/or SIP procedures.
- HMI for multiple recipes.
- Transfer systems to secondary packaging equipment.
- Empty stick detector.
- Nozzle independent movement + shut-off valves.
- Programmable string option.
- Centralized lubrication.
- Unwinder with safety lock doors.
- Automatic reel alignment.
- Expansible reel shaft.

Additional features:

- Laser/Thermoprinter/Inkjet/Thermotransfer.
- Vacuum/auger/elevator feeding systems.
- Non-stop automatic reel splicer.
- Anti-static bar.
- UV lamp.

Stickpack type:

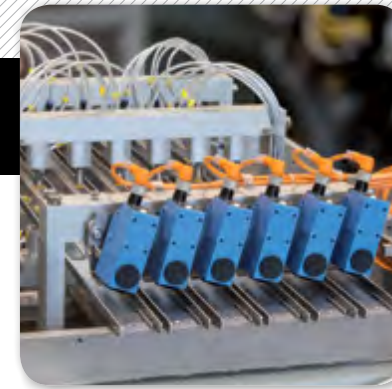
- Lap seal.
- Fin seal.
- Shaped stick.
- Twinpack.
- 3 sides seal.
- Side seal.

Filling system:

- Volumetric filler.
- Auger filler.
- Piston pumps.
- Flowmeter.
- Timing filler.
- Counting filler.



1. Dust exhaust system.



2. Photocell



3. Forming tube assembly.



1. Liquid.



2. Powder.



3. Pieces.



4. Shaped.



5. Twin.



6. Granulate.



an300

Machine designed for low productions and market testing purposes. From 1 to 4 lanes.

Stickpack

an1000^H

Equipment especially designed for **pharmaceutical products. Up to 24 lanes.**

Features:

- High production performance (OEE >95%).
- Full customer service along machine life.
- Protocol DQ/IQ/OQ/PQ.
- Cameras (OCV+OCR+ barcode reader).
- High filling accuracy controlled from HMI.
- Main motion servomotorized.
- High efficiency laminar airflow, absolute filters HEPA H14.
- 21 CFR Part.11.
- Low maintenance.
- Easy access for sealing system cleaning. Tool-free.
- Force measurement sensor at sealing jaws.
- Gas flushing.
- Independent lane rejection (reject/sampling), fail safe mode.
- Oxygen residual analyzer.
- Remote diagnosis via ethernet.
- GMP Compliance.
- CIP and/or SIP procedures.
- Total hermetic and monobloc machine.
- Independent temperature calibration of each sealing jaw from touch screen.
- Stickpack length automatically adjustable.
- Empty stick detector.
- Nozzle independent movement + shut-off valves.
- Programmable string option.
- Transfer systems to secondary packaging equipment.
- Centralized lubrication.
- HMI for multiple recipes.
- Unwinder with safety lock doors.
- Automatic reel alignment.
- Expansible reel shaft.

Additional features:

- Laser/Thermoprinter/Inkjet/Thermotransfer.
- Vacuum/auger/elevator feeding systems.
- Non-stop automatic reel splicer.
- Anti-static bar.
- UV lamp.

Stickpack type:

- Lap seal.
- Fin seal.
- Shaped stick.
- Twinpack.
- 3 side seal.
- Side seal.

Filling system:

- Volumetric filler.
- Auger filler.
- Piston pumps.
- Flowmeter.
- Counting filler.



1. Laser coding and OCV cameras.



2. Mass flowmeter.



3. Independent rejection system.



Powder, granulate, liquid, shaped stick pouch.



Stickpack

an650^Y

Equipment especially designed for the production of single-dose packages for **dairy products**. **Up to 16 lanes**.

Features:

- High production performance (OEE >95%).
- Full customer service along machine life.
- High efficiency laminar airflow, absolute filters HEPA H14.
- Easy access for sealing system cleaning (without death corners). Tool-free.
- Main motion servomotorized.
- High filling accuracy controlled from HMI.
- Low maintenance.
- Independent lane rejection (reject/sampling), fail safe mode.
- Wash down option.
- Gas flushing.
- GMP Compliance.
- Oxygen residual analyzer.
- Remote diagnosis via ethernet.
- Independent temperature calibration of each sealing jaw from touch screen.
- Empty stick detector.
- CIP and/or SIP procedures.
- Total hermetic and monobloc machine.
- Stickpack length automatically adjustable.
- Nozzle independent movement + shut-off valves.
- Transfer systems to secondary packaging equipment.
- Centralized lubrication.
- Unwinder with safety lock doors.
- Programmable string option.
- HMI for multiple recipes.
- Automatic reel alignment.
- Expansible reel shaft.

Additional features:

- Laser/Thermoprinter/Inkjet/Thermotransfer.
- Vacuum/auger/elevator feeding systems.
- Non-stop automatic reel splicer.
- Anti-static bar.
- UV lamp.

Stickpack type:

- Lap seal.
- Fin seal.
- Shaped stick.
- Twinpack.
- 3 side seal.
- Side seal.

Filling system:

- Auger filler.
- Piston pumps.
- Flowmeter.
- Timing filler.



1. Horizontal cutting mechanism.



2. Easy access for cleaning.
Tool-free.



3. Independent sealing jaws.



Liquid, powder, shaped stick pouch.

Flat Sachet

fs650

Flat sachet multilane machine **up to 9 lanes.**

Features:

- High production performance (OEE >95%).
- Full customer service along machine life.
- Easy access for sealing system cleaning. Tool-free.
- Low maintenance.
- Main motion servomotorized.
- Long life lubrication.
- High filling accuracy controlled from HMI.
- Gas flushing.
- GMP Compliance.
- Oxygen residual analyzer.
- Remote diagnosis via ethernet.
- Independent temperature calibration of each sealing jaw from touch screen.
- CIP and/or SIP procedures.
- Transfer systems to secondary packaging equipment.
- HMI for multiple recipes.
- Automatic reel alignment.
- Expansible reel shaft.
- Possibility to have 1 or 2 tear notch on same sachet.
- Easy format change.

Additional features:

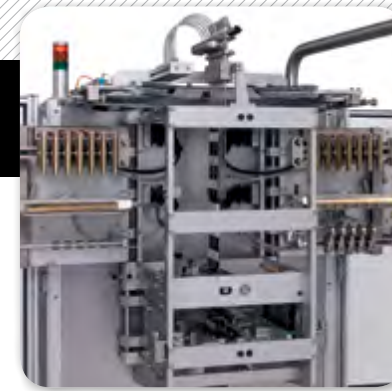
- Laser/Thermoprinter/Inkjet/Thermotransfer.
- Vacuum/auger/elevator feeding systems.
- Non-stop automatic reel splicer.
- Anti-static bar.
- UV lamp.

Filling system:

- Volumetric filler.
- Auger filler.
- Piston pumps.
- Flowmeter.
- Timing filler.
- Counting filler.



1. Shut-off nozzles.



2. Side opening.



3. Easy format changing.



Powder, liquid in 4 side sealing.



Complete Lines

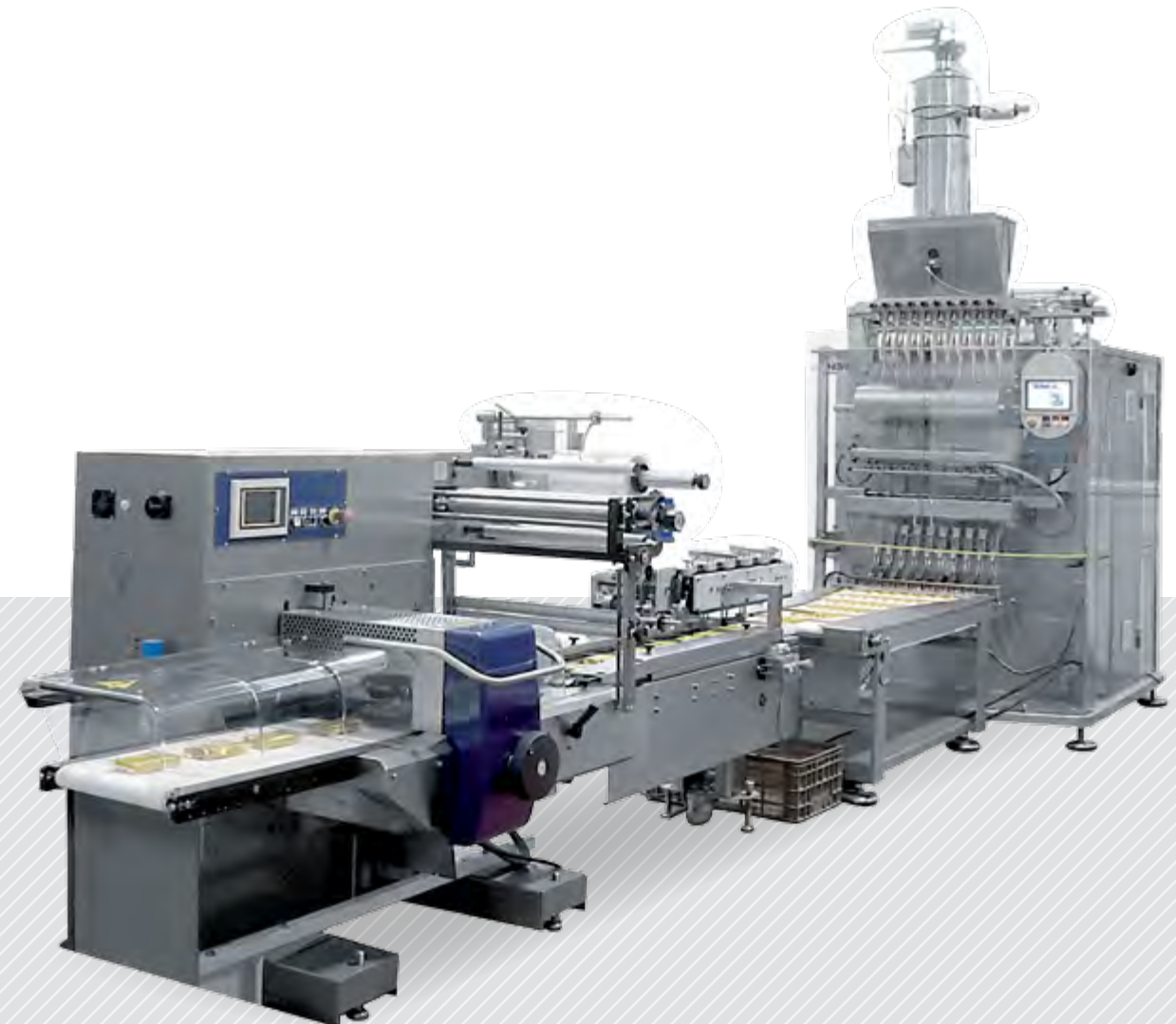
Vertical form fill & seal machine

The **Vertical Form fill & Seal Machine** is a complete line with two ARANOW multilane packaging machines of 15 lanes each connected by buckets belt to a VFFS. The line allows **producing up to 1.800 spm**, grouping the stickpack or flat sachet units **into gusset, pillow bags or stand-up pouches** in an intermittent or continuous motion, being able to work at the same number of cycles than the machine. Though single dose product groups are usually multiple of the lanes number, there is the option of unitary counter.



Flowpack

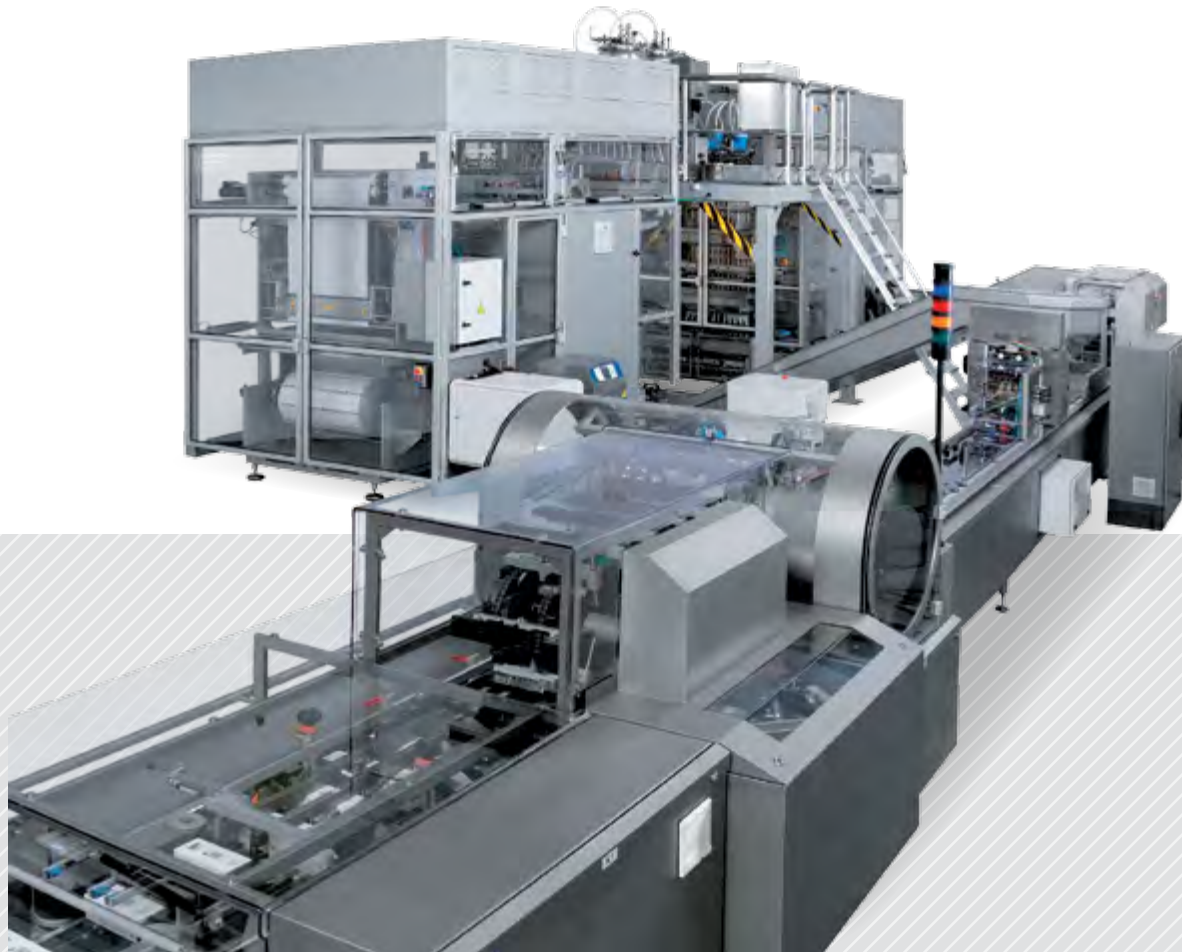
The **Flowpack** line is composed by an ARANOW multilane packaging machine and a continuous motion flowpack machine. Its **compact floor plant** offers a comfortable integration into the production line. With a **production of 500 spm**, the flowpack machine groups the product with a multiple or unitary counting system, putting the sticks or flat sachets well positioned one next to the other in order to **offer a pack with a neat and tidy appearance**.



Complete Lines

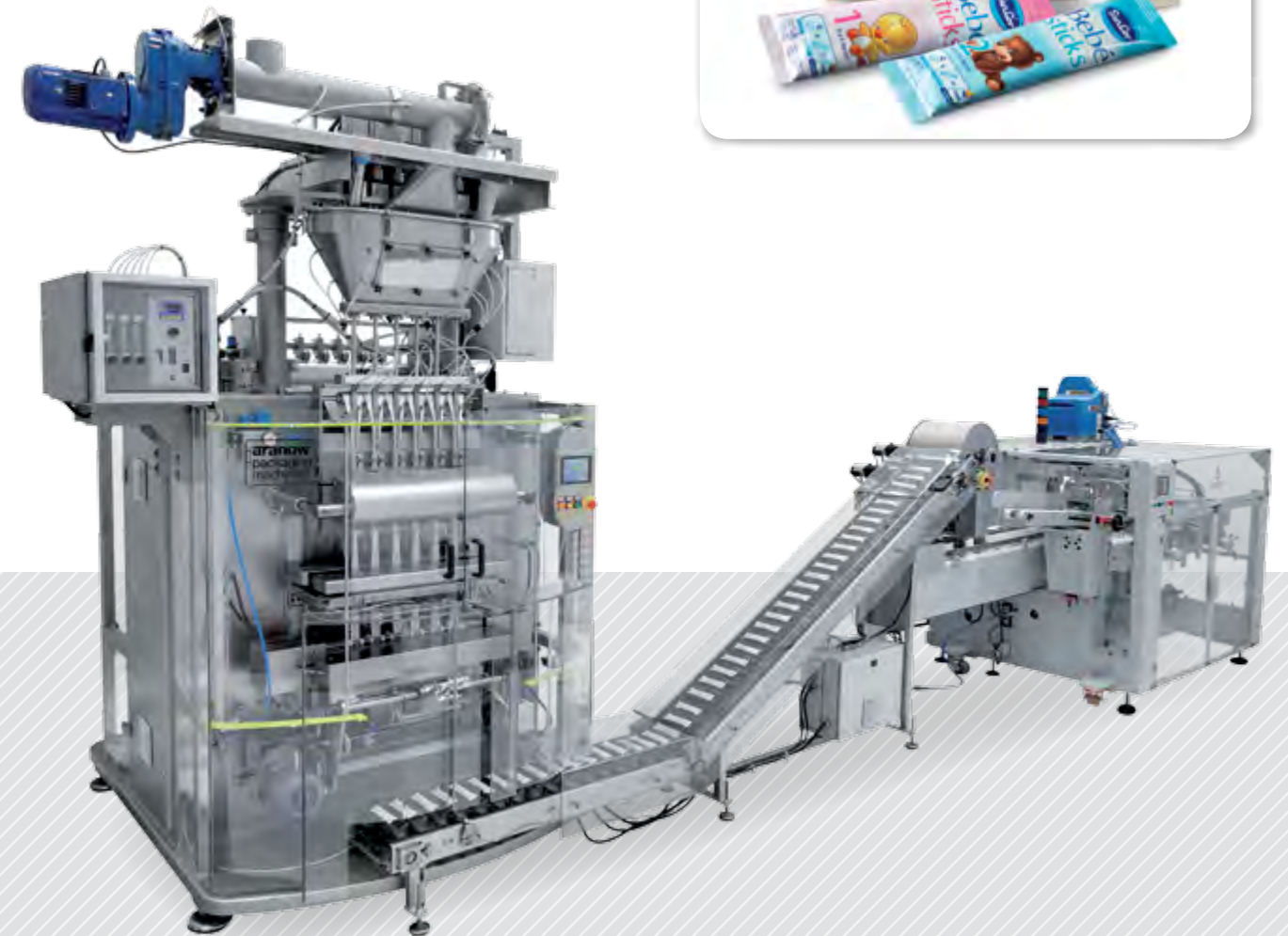
Continuous motion cartoner

The **Continuous Motion Cartoner** is a complete line composed by 2 stickpack machines of 14 lanes and a **continuous motion cartoner (from 6 to 100 sticks per carton), producing up to 1.500 spm**. A complete line with full servomotorized motion **fitting the requirements of pharmaceutical industry**, integrating a fail safe mode, an independent lane rejection(reject/sampling), a laser printer, the DQ/IQ/OQ/PQ and the 21 CFR Part 11.



Intermittent motion cartoner

The **Intermittent Motion Cartoner** is designed to cover the need of **medium scale productions**. Depending on the number of sticks or flat sachets per box, it **offers a wide range of production, from 420 spm to 900**. Its design allows an easy and fast format change.



From Barcelona

to the rest of the world

Welcome Benvingut Willkommen Qaimarutin Vitajte नमो आशिमा हुं Witam Cię
أهلا وسهلا स्वागतम् 歡迎光臨 स्वागत Tervetuloa स्वागत आहे Bem-vindo ദാർശനികം സ്വാഗതം
Selamat datang Üdvözlet ようこそ Weltasualuleg Ongi etorri Bun venit
Velkommen Welkom 환영합니다 स्वागतम् Bienvenido Karibu
Bonvenon Benvido Salve Selamat datang
Vítáme tě Tere tulemast மனக்கொடு Haere mai Mauya Välkommen வரவேற்க லாசகாவோ பிரசும்பி
Bienvenue Καλώς Ορίσαστε Добро пожаловать Benvnuwe خوش آمدید Dobrodošli Hoan nghênh Hoş geldin
ברוך הבא Aloha Benvenuto Benvengut ยินดีต้อนรับ Тавтай морилогтун خوش آمدید





aranow
packaging
machinery



Josep Tura 11-f, Polígon Industrial Mas d'en Cisa
E-08181 Sentmenat, BARCELONA – Catalonia
Tel: +34 937 154 676
Fax: +34 937 154 677
www.aranow.com

 Catalonia
Packaging machinery manufacturers