

fs**1000**<sup>®</sup>

fs**650**<sup>®</sup>

## 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.
- Easy format change.
- **High efficiency laminar airflow, absolute filters HEPA H14.**
- **21 CFR Part.11.**
- Low maintenance.
- Long life lubrication.
- 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.
- Possibility to have 1 or 2 tear notch on same sachet.

## 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.
- Counting filler.

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## Stickpack type:

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

## Filling system:

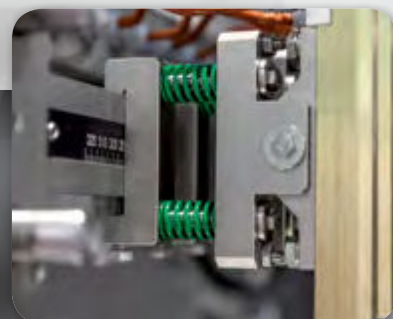
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- Auger filler.
- Piston pumps.
- Flowmeter.
- Counting filler.



1. Shut-off nozzles.



2. Side opening.



3. Easy format changing.



1. Laser coding and OCV cameras.



2. Mass flowmeter.



3. Independent rejection system.

# Pharmaceutical products

an**1000**<sup>®</sup>

an**650**<sup>®</sup>

fs**1000**<sup>®</sup>

fs**650**<sup>®</sup>


Equipment especially designed for **pharmaceutical products** into stickpack or flat sachet.

\_Our equipment

**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](http://www.aranow.com)

 **Catalonia**  
Packaging machinery manufacturers

**aranow**  
packaging  
machinery



# Pharmaceutical products

Downtimes reduction due to **user friendly and simple design**, low maintenance and easy access.

**Optimal**  
implementation  
& performance

**Personalized Customer Service**  
support with local technicians.

**Overall Equipment Efficiency (OEE) > 95%**

CONCEPT	an1000-H	an650-H	fs1000-H	fs650-H
Max. reel width	1.000 mm	650 mm	1.000 mm	650 mm
Lanes number	4-24 lanes	4-16 lanes	3-14 lanes	2-9 lanes
Stickpack/Flat Sachet width range	17-80 mm	17-80 mm	25-150 mm	25-150 mm
Max. Stickpack/Flat Sachet length	180 mm*	180 mm*	150 mm*	150 mm*
Reel shaft	150 mm*	70 mm	150 mm*	150 mm*
ø Reel max.	500 mm	450 mm	500 mm	500 mm
Max. production	1.800 spm	1.200 spm	1.050 spm	675 spm
Standard power consumption	5 kw	5 kw	5 kw	5 kw
Standard air consumption (l./min)	220 l.	220 l.	180 l.	180 l.

\* Other dimensions under request.

## Stickpack:

an1000<sup>HD</sup> an650<sup>HD</sup>



## Flat Sachet:

fs1000<sup>HD</sup> fs650<sup>HD</sup>



# Stickpack:

an1000<sup>HD</sup>

an650<sup>HD</sup>

High production stickpack multilane machine especially designed for **pharmaceutical products. Up to 24 lanes.**



Powder, granulate, liquid, shaped stick pouch.



# Flat Sachet:

fs1000<sup>HD</sup>

fs650<sup>HD</sup>

High speed multilane machine for flat sachet especially designed for **pharmaceutical products. Up to 14 lanes.**



Powder, granulate, liquid, shaped flat sachet.

