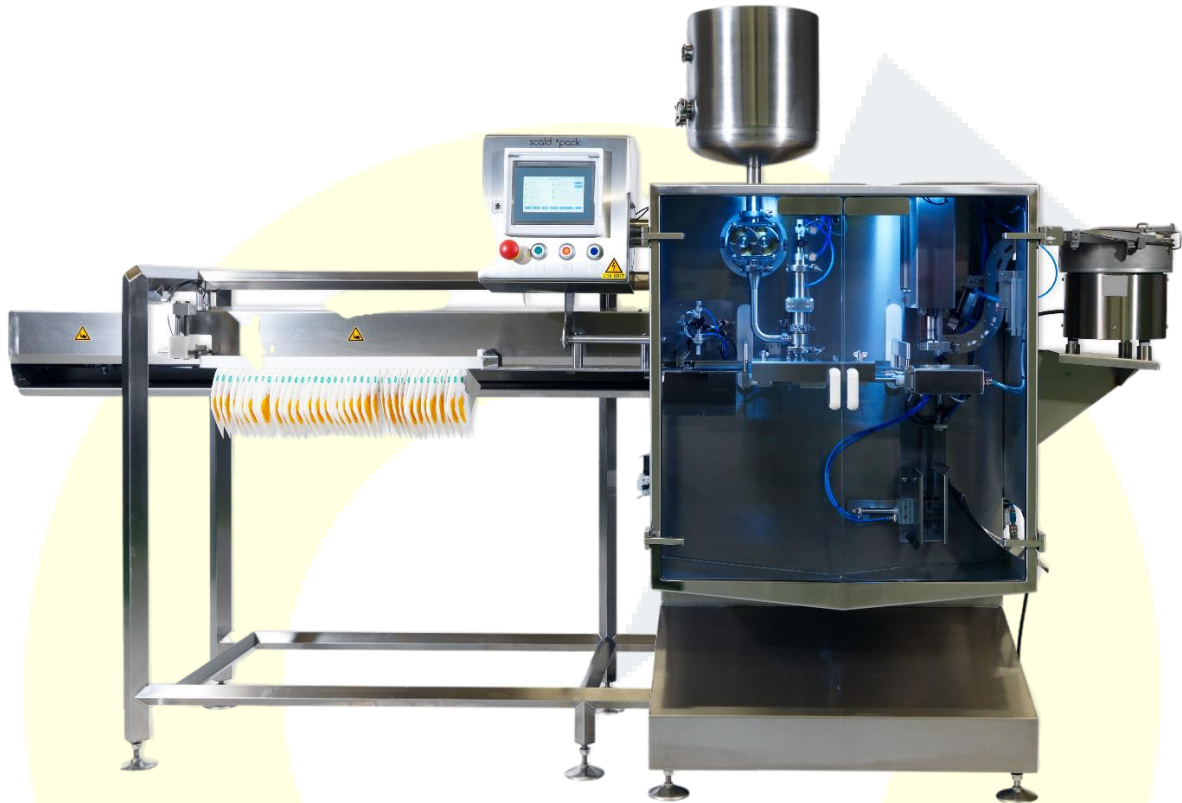




Monofiller Stepper (*)



Description:

Monofiller Stepper is a 100% servo controlled spout filling machine. This machine fills pre-spouted pouches through the spout and caps them. This is an automatic filling machine for larger production plants.

Possible spout positions and pouch shapes:



- Top center or corner positioned spouts. Special shapes of pouches or spout features are possible but it can be subject to technical assessment.
- Pouch shape: square, round or shaped.





Machine specifications for Monofiller Stepper:



Pouch Dimensions (min – max)	
Width	65 – 320 mm
Length	90 – 400 mm
Pouch range	25 ml – 6.000 ml

Description	Specifications
Typical applications	Fluids and semi fluid foods & beverages, non-food fluids like motor-oils, cosmetics, pharmaceutical products, detergents,...
Type of pouches	Pre-made pouches; Top centre & corner spout
Filling & capping speed	Up to 30 ppm depending on the pouch size and spout size
Buffer tank	Single wall buffer tank of 50 l Special tanks are available: double wall, heated, insulated, extra level sensors, closed tank
Dosing	Lobe pump, piston pump or peristaltic pump. Filling of product with temperatures up to 90 °C possible. Higher temperatures can be handled on demand. The pump is servo controlled.
Capping	3-finger gripper controlled by servo motor
Power connections	220 – 240 V mono phase, 20 Amps
Frequency	50-60 Hz
Compressed air	150 Lpm, 6 bar
Number of filling stations	1
Filling & capping speed	Up to 30 ppm depending on the pouch size and spout size
Materials used	Mainly built out of stainless steel 304. All parts in contact with the product will be in stainless steel 316L or FDA Approved plastics. PLC and servo-motors are Siemens, Stepper





Spout & filling machinery

	motors are JVL
Remote access	Standard available on all our machines

Description	Specifications
Machine weight	+/- 950 kg
Surface space needed	3,50 m x 1,50 m
Height needed	3,00 m

Machine Compliance:

- Machinery Directive 2006/42/EG
- FDA Standards
- Machine complies with UL and CSA Standards upon request
- CE marked

Features

- Stainless steel construction, heavy duty, solid welded machine, mainly built out of stainless steel 304. All parts in contact with the product will be in stainless steel 316L or FDA Approved plastics.
- Flexible filling and capping machine for a wide range of pouch sizes (width 65 – 320 mm and length – 90 – 400 mm)
- Machine will be fed with pre-made standing pouch, three side seal pouch and side gusset pouch.
- Safe Process



Advantages

- Very quick change over from one spout to another (less than 20 minutes)
- Only a small space is needed to run many different types of pouches.
- Fully servo controlled
- Dairy version available


Options

- CIP Possible + Built in CIP Control
- EHEDG Compliant upon request.
- Automated loading of pouchrails possible
- Cosmetic filling available
- Hot fill possible





Machine Layout:



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Monofiller stepper

Machine weight	950 kg
Voltage	230V AC 2L+PE
Frequency	50-60Hz
Current Load	max. 20 A
Compressed Air	6 Bar
Pouches per minute	Up to 25 ppm

Index	DESCRIPTION	REVISION HISTORY	Date	Name
scaldopack Boulevard des Capucins 118 B-7711 Drogenbos VAT BE-0820 431 542 Tel: +32 99 32 00 00 Fax: +32 99 23 00 09 Mail: +32 99 888 444				
Material: Milk Designer: JPK Checked: 31/1/2017 Date: 31/1/2017 Projection: 1st Part nr.: 90-AD33-MONO Description: Monofiller				
Mobile feast: remarks:				
				Sheet size: A2
				Index:

(*) All information and measurements mentioned in this document are merely indicational and for informational purposes only. Information and measurements in this document can be subject to changes without further notice. For the latest info always revert to Scaldopack.