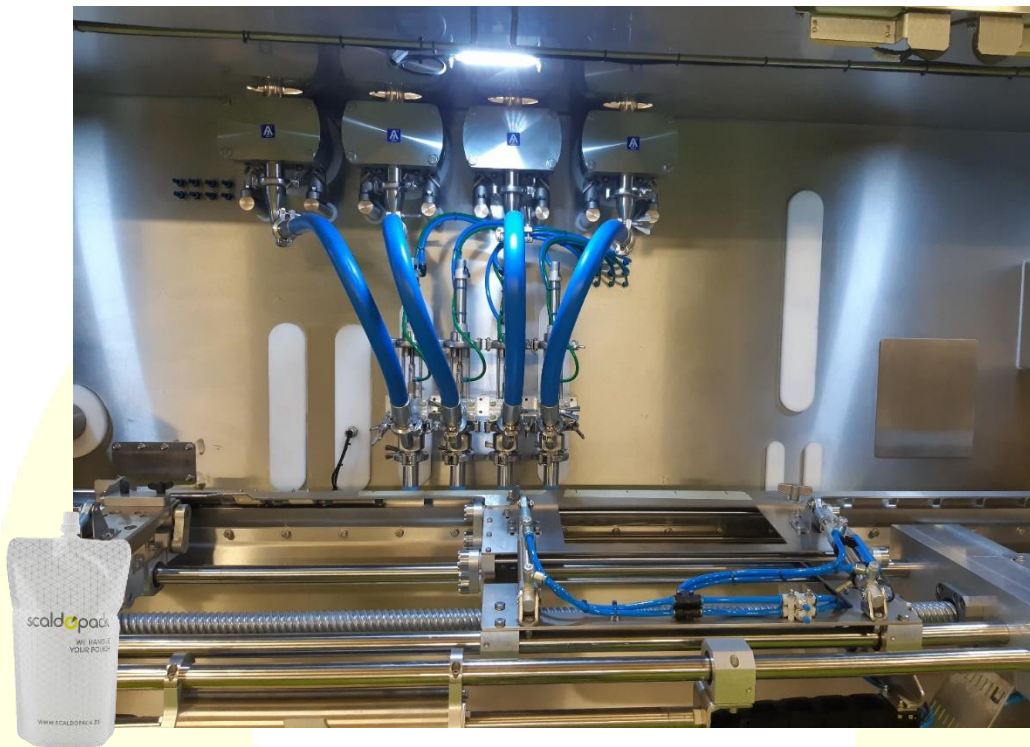




Monofiller Multihead 4 (*)



Description:

Monofiller Multihead 4 is a servo driven, fully automatic pouch filling machine equipped with 4 nozzles for simultaneous filling and fitted for large production plants. This is an industrial pouch filling machine for companies who are in need of a reliable pouch filling machine with a constant high demand for capacity. The Monofiller Multihead 4 is developed and built by Scaldopack. This is our premium filling machine for pouches.

Possible Spout Positions and Pouch Shapes:

- Top and corner spout. Special shape of pouches or spout features are possible but it can subject to technical assessment.
- Pouch shape – square, round or shaped. In some cases special tooling for handling certain shapes will be needed.





Machine specifications for Monofiller Multihead 4:



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 pouch, top centre or corner spout
Filling & capping speed	Up to 120 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
Number of filling nozzles	4
Spout Position	Top Center & Corner
Pouch loading system	Automatic
Voltage	3 x 380 V + N + PE
Frequency	50 - 60 Hz
Power Line	40 A
Compressed Air	200 Lpm, 6 bar
Materials used	Mainly built out of stainless steel 304.



Spout & filling machinery

	All parts in contact with the product will be in stainless steel 316L or FDA Approved plastics. PLC and servo-motors are Siemens, Stepper motors are JVL
Remote access	Standard available on all our machines

Dimensions	
Machine weight	+/- 2.400 kg
Surface space needed	4,50 m x 4,50 m
Height needed	3,00 m

Machine Compliance:

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





Features

- Stainless steel construction, heavy duty, solid welded machine.
- High Performance – machine is equipped with a vision control camera system (mono or dual) that will control tolerance spout/pouch position.
- 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

Options

- Automated feeding of pouches on rail system into the machine– Instead of using the out feed conveyor belt the pouches will be feed directly onto a plastic rail. We can also outfeed pouches flat onto the rail.
- Remote technical support possible.
- Universal spout sorter – Sorting bowl to handle many different types of spouts on the same feeding system

Advantages

- Very quick change over from one spout to another (less than 10 minutes)
- Only a small space is needed to run many different types of pouches.





Machine Layout:

Monofiller multthead 4

Index	DESCRIPTION	Date	Name
REVISION HISTORY			
	Material:		Table face:
	Designer: DWK		Remarks:
	Checked:		Remarks:
	Date: 27/08/2021		
	Projection:		Sheet size: A2
	Part nr.:	18-AD25-2714	Index:
	Description: Monofiller multthead 4		

Machine weight	2400 kg
Voltage	3 x 380V AC + N + PE
Frequency	50-60Hz
Current Load	max. 40 A
Compressed Air	6 Bar
Pouches per minute	Up to 120 ppm

(*) 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.