

WE SERVE YOU THE BEST

We are based in the UK and operating throughout Europe and Bangladesh, Unidesh Ltd is a one-stop source of some of the finest packaging machines and systems available today.

Unidesh has built-up long-term relationships with leading UK, European and Far Eastern suppliers of machinery which means we are confident of satisfying all your packing requirements. All our suppliers are audited to ensure that they offer the quality and standards demanded by both our clients and ourselves alike.

We understand it can be difficult to identify the most suitable piece of equipment from the wide range of packaging machine suppliers and machines available in today's market. But our approach is to therefore to start by taking time to fully understand each application before making a recommendation and proposal. If it is not something that Unidesh can help with, you'll be told up front.

Our journey started since 2018 to work with a multi skill highly professional engineering team mainly focus on Food processing and packaging machine supply worldwide. Our experienced marketing team and highly skilled engineers work in partnership with specially selected international suppliers to ensure our comprehensive product range meets client's expectations and is fully compliant with relevant legislation.

In addition to machinery and service packages, we offer design and consultancy services and maintains full supply chain worldwide. Our price is very competitive and cost effective that helps to our client success in relative business area. We deliver realistic solution for machinery in factory to make sure everything fit for purpose, save your time and money in present business manners and market.

FILLING Volumetric Filling Machines Starting from semi automatic solutions to high capacity In-Line filling machines presenting the functionality and stability	CAPPING Cap Sorting & Capping Solutions Capping systems for different types of caps including the simplicity of adjustments for different types of caps	LABELLING Labellers for Self Adhesive Labels High labelling accuracy integrated with the flexibility of labellers for wide range of packages
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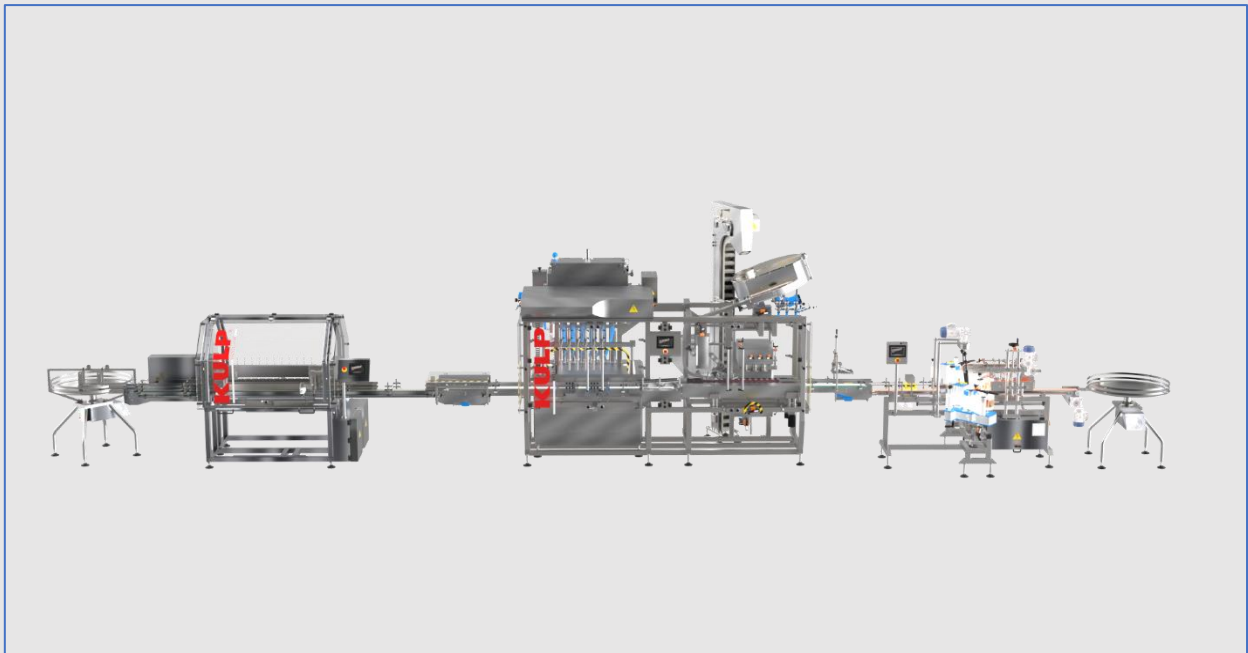
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EMAIL: INFO@UNIDESH.UK

FULLY AUTOMATIC LIQUID FILLING MACHINE

Our Automatic In-Line Filling Machines are designed to fill from 5ml up to 5000ml. for any kinds of liquids, semi liquids, viscous, paste and granular products into glass, plastic and tin containers with +/- 1% filling accuracy.



Two Head Filling System



Four Head Filling System

MODEL	FILLING RANGE (Min – Max)	Number of Filling Cylinders	Capacity (Containers/Hour)**
UVD-50-2 OT	5ml – 50ml	2	2000
UVD-150-6 OT	15ml – 150ml	6	5400
UVD-250-4 OT	25ml – 250ml	4	3360
UVD-1000-2 OT	100ml – 1000ml	2	1200
UVD-1000-4 OT	100ml – 1000ml	4	2400
UVD-1000-6 OT-S*	100ml – 1000ml	6	3600
UVD-1000-8 OT-S*	100ml – 1000ml	8	4800
UVD-2000-2 OT	200ml – 2000ml	2	1200
UVD-2000-4 OT	200ml – 2000ml	4	2400
UVD-2000-6 OT-S*	200ml – 2000ml	6	3600
UVD-2000-8 OT-S*	200ml – 2000ml	8	4800
UVD-5000-2 OT	500ml – 5000ml	4	720
UVD-5000-4 OT-S*	500ml – 5000ml	4	1440

*S : Servo motor controlled filling pistons.

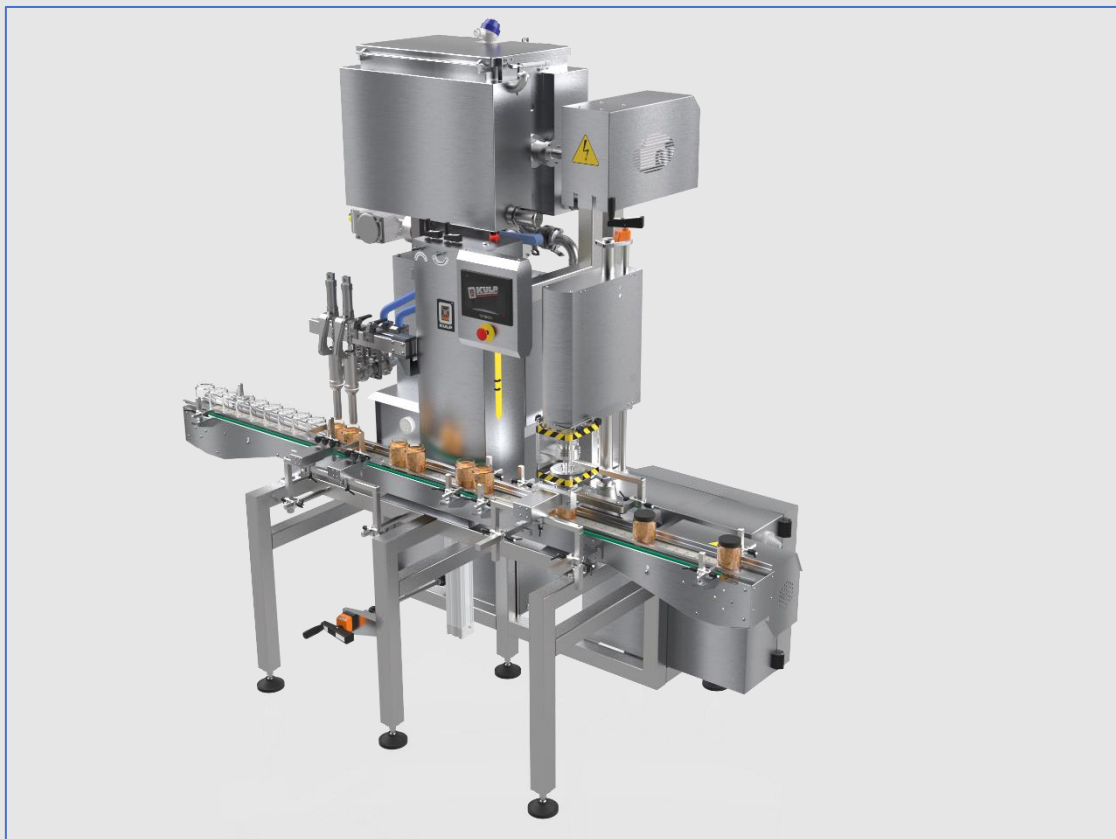
** Filling capacity of the fillers can increase or decrease according to the physical specifications (viscosity, foaming, stickiness) of the product to be filled and the use of diving nozzles. The filling capacities above are specified according to maximum filling ranges.



UVD-1000-2 OT



UVD-1000-4 OT-S



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SEMI-AUTOMATIC LIQUID FILLING MACHINE

Ideal for any kind of liquid or semi-liquid product such as oils, tomato sauce, shampoos, chocolate spread, perfume, hand sanitizer etc.

Technical Specifications:

- This is a volumetric filling machine that works with FESTO pneumatic system.
- Easy to adjust and record the filling range by the numerator and the hand wheels.
- The seals are manufactured from teflon, viton or polyethylene according to the product to be filled.
- The parts on the machine are connected by tri –clamps.
- The nozzle, main valve and the filling piston are designed for an easy-cleaning. They can be dismantled easily without using any tool.
- Interchangeable nozzles are available according the product, either it is liquid, viscous or particulate.
- The machine can be considered as proof system as it only uses compressed air to function.
- The tabletop version is available suitable for small filling areas mostly.



Filling Range: 5ml to 5000ml

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Viscous Product Filling Machine

Ideal for filling liquid, viscous and products with particles such as creams, honey, oils, jam, spreads, cheese, sauce, pastes etc. This filling machine that works with FESTO pneumatic system. Easy to adjust and record the filling range by the numerator and the hand wheels. Filling accuracy of $\pm 1\%$.



Model No	Filling Range (ml)	Filling Range of Optional Cylinder	Capacity (Packages /Hour)	Hopper Volume	Air Consumption Litres/Min
UVD 50	5-50	2-20	1800	30	100
UVD150	15-150	5-50	1500	30	100
UVD 500	50-500	20-200	1000	80	300
UVD 1000	100-1000	20-400	720	80	300
UVD 2000	200-2000	50--1000	600	80	300
UVD 5000	500-5000	145-1450	420	80	300

OPTIONS

- Agitator
- Cleaning System
- Temperature Controlled Double Jacketed Hopper
- Product Level Detection
- Filling Nozzle
- Foot Pedal

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SEALING MACHINE

Our Sealing Machine line is capable of sealing plastic and glass jars. Used foil paper from reel to cut and seal it on the jar automatically. Uses the method of conduction sealing. No container – No seal system.

MATERIALS USED ON THE MACHINE:

- Made of 304 L stainless steel and anodized aluminium
- FESTO Pneumatic Equipment (Oil-free)
- OMRON PLC, HMI & Drivers
- SICK Photocells.

Speed up to 1200 Packages/Hour for Double-Head Sealing Machine and up to 2400 packages/hour for Four-Head Sealing Machine.



Capping & Filling Machine

We offer Automatic Filling along with either manual cap placement or fully automated placing and capping.

- Volumetric filling unit and one capping unit within the same frame, reducing the cost and the size of the machine.
- Two interchangeable filling nozzles designed for liquids and viscous products, with an anti-dripping system.
- The caps are placed manually and automatically closed by the capping system with the required torque.
- The volume adjustment can be done by a hand wheel and a numerator on the machine.
- Primes the product from a hopper with an automatic level control system.
- Ideal for twist-off caps, plastic screw caps, push-on caps another model is available for plastic and metal lids on buckets.



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OUR MODELS

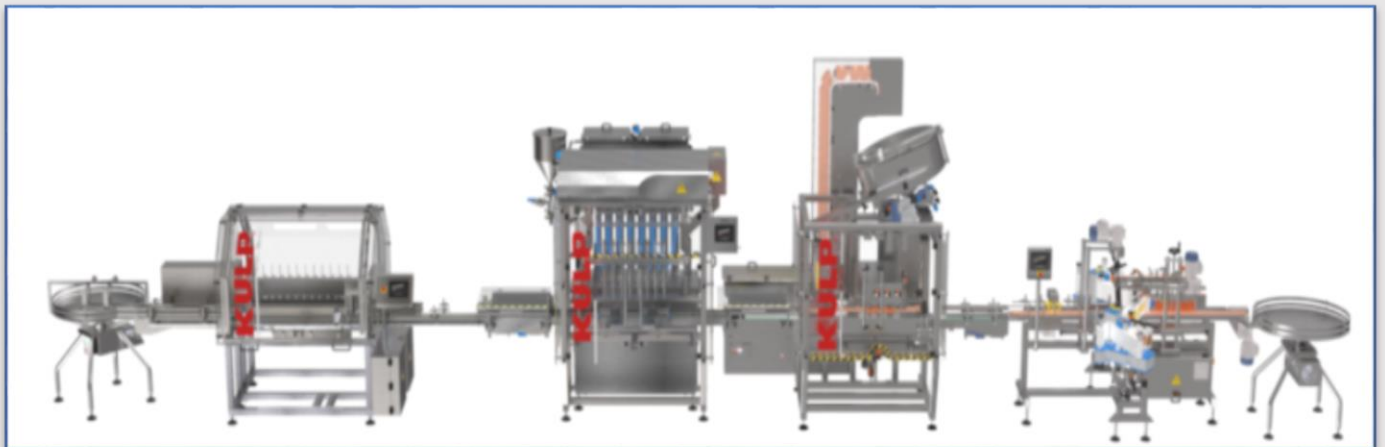
Model	Filling Range (ml)		Capacity** Unit/Hour	Dimensions (mm)			Working mode
	Min.	Max.		W	H	L	
PVD200-2 FOTPAY	5ml	200ml	1600	1200	2000	1850	Pneumatic
PVD1000-2 FOTPAY	100ml	1000ml	1500	1600	2500	2300	Pneumatic
KDD1000-2 FOTPAY	100ml	1000ml	1500	1400	1800	1900	Mechanical
PVD2000-2 FOTPAY	200ml	2000ml	1200	1800	4000	2300	Pneumatic
PVD5000-2 FOTPAY	1000ml	5000ml	840	1600	2500	2300	Pneumatic

** The filling capacities above are specified according to the maximum filling ranges.

FULLY AUTOMATED RANGE

Model	Filling Range (ml)		Capacity** Unit/Hour	Dimensions (mm)			Working mode
	Min.	Max.		W	H	L	
PVD200-4 FOTPAY	5ml	200ml	4000	1500	3000	2100	Pneumatic
PVD500-6 FOTPAY	100ml	1000ml	3000	1400	3000	2100	Pneumatic
SVD1000-6 FOTPAY	100ml	1000ml	3900	1500	5500	3000	Servo Motor

** The filling capacities above are specified according to the maximum filling ranges.



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LABELING MACHINE

Side counteroller for the label application on round products.

Labelling head mod. NEW. It is possible to install the Classic or Plus models, accordingly to production exigencies.



IP55 electronic control-box with touch screen.
It offers the possibility to set and store, for each format, parameters such as production speed and any other information useful for a proper labels application.

Base in stainless steel AISI 304 or AISI 316, on wheels.



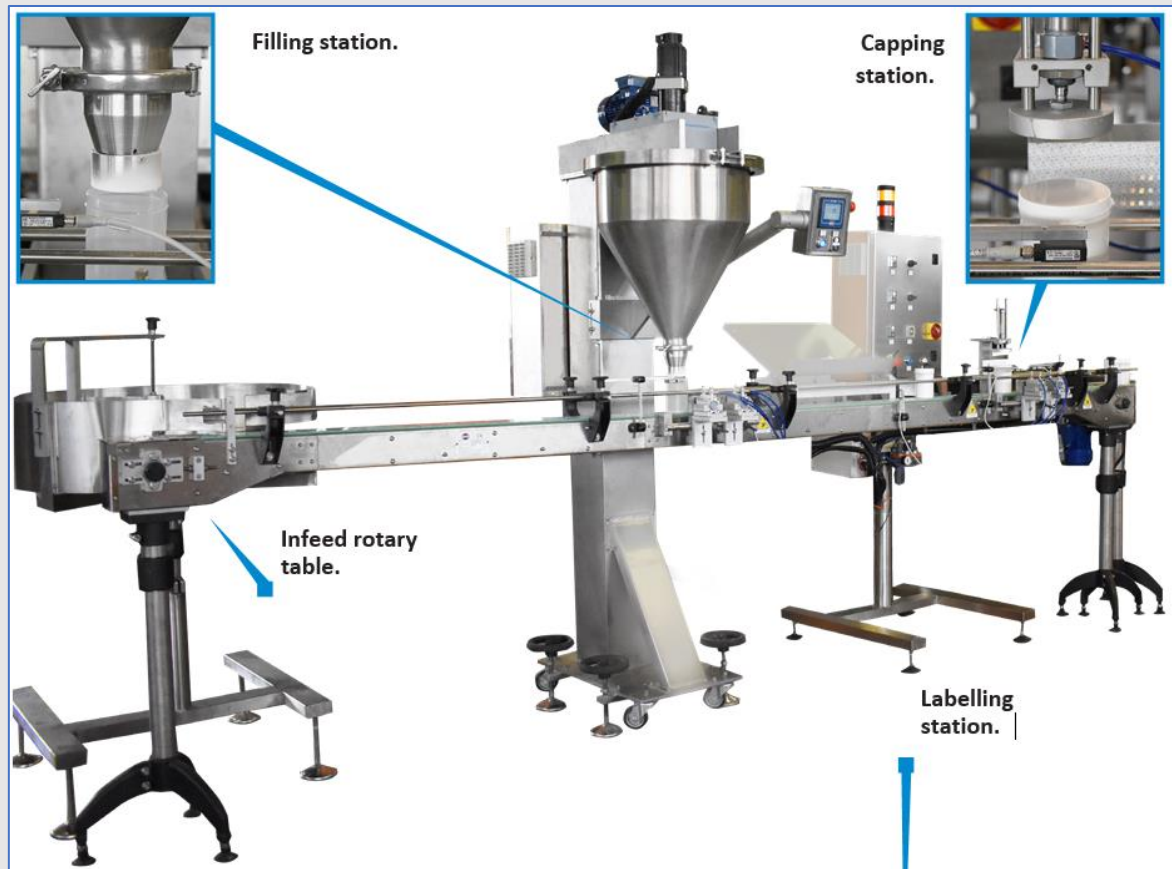
**JARS & BOTTLES LABELING
LABELING OF ELLIPSE, OVAL, RECTANGLE AND SQUARE PACKAGES**

**CAPACITY: Up to 5000 Packages/Hour
± 5MM LABELING ACCURACY**



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AUTOMATIC FILLING, CAPPING AND LABELLING LINE FOR POWDER PRODUCTS



- This line has been for the packaging of powdered sugar or similar powder products. The line is equipped with:
 - infeed rotary table
 - conveyor belt controlled by moto reduction gear with speed adjustment
 - volumetric dosing unit with vertical cochlea to fill powder
 - automatic capping unit to close plastic containers with screw/pressure cap
 - automatic cap feeder
 - labelling machine
- This solution ensures an hourly production of 300-400 pcs. on pet jars 350 -400 gr. – size Ø 80 x h. 114 mm
- The packaging line is equipped with touch screen control box for the dosing setting and for the correct application of the labels.

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