



THOMASON MACHINERY LTD



THE BRAND OF HIGH QUALITY PRODUCTS

COMPANY PROFILE

Since its establishment in 1977, THOMASON MACHINERY LTD is one of the leading European Industrial companies in manufacturing of all kind of Bottling Lines and its accessories for liquids – creams and powders for the Cosmetics – Pharmaceuticals – Food and Beverage – Dairy – Chemicals and Agrochemicals – Liquid Detergents – Edible Oils as well as Lube Oils.

Thomason Machinery is one of the leading companies with clients in all over Arab Countries – Europe and Eastern Europe basing the company success of being able to design and manufacture machines according to clients needs and specifications. The developing and studying of the machines is done by high skilled personnel.

All machines are of European high standard materials according to CE regulations, manufactured with CAD CAM system for high performance and precision.

The production lines of the company are:

- Linear and Rotary moldy head filling machines for any kind of liquids – creams and powders in any shape and kind of bottles/containers
- Linear and Rotary moldy head capping machines for all kind of caps
- Linear and Rotary high speed labeling machines to apply any kind of labels at any shape of bottles/containers
- Linear and rotary bottle rinsing machines for single or double treatment.
- Linear and Rotary filling and thermal sealing machines for Yogurt products.
- Complete bottling lines, turn key projects.

Our success is also attributed to the excellent and expedite After Sales Service which we stress and consider as one of the most important factors in our company. We undertake to train clients' technicians, handle all installations and commissioning as well as troubleshooting and servicing activities for clients worldwide.

Research, design and development is done in our test laboratory and all machines go through extensive tests before delivery.

You can count on Thomason to provide your company with solutions for moternizing existing packaging lines or installing new equipment at the most competitive prices and high performances.



THOMASON Automatic Volumetric in-line filling machine model OLYMPUS/8-NC, with Eight filling heads, suitable to fill low and medium viscosity products (also high viscosity products containing small pieces can be filled by using 3-way rotary valves and horizontal volumetric cylinders). Fully automatic operation with computerized control (B&R PLC) and colored touch



screen 10.4' for user-friendly operation to adjust the machine functions and parameters, such as filling volume, filling speed, bottle height, suction speed, nozzle dive-in and upwards speed, timers e.t.c.

Fault diagnostic, Product temperature control unit and auto volume adjustment according to the product temperature (as optional). Modem connection for technical assistance direct from our technical department.

This model is available from two to fourteen filling heads according to the output capacity required per hour.

Motorized operation incorporate with linear encoders for high filling accuracy. ($\pm 2\%$) Stainless steel construction for the outer machine frame and product contact parts.

C.I.P. cleaning supply is available as optional.

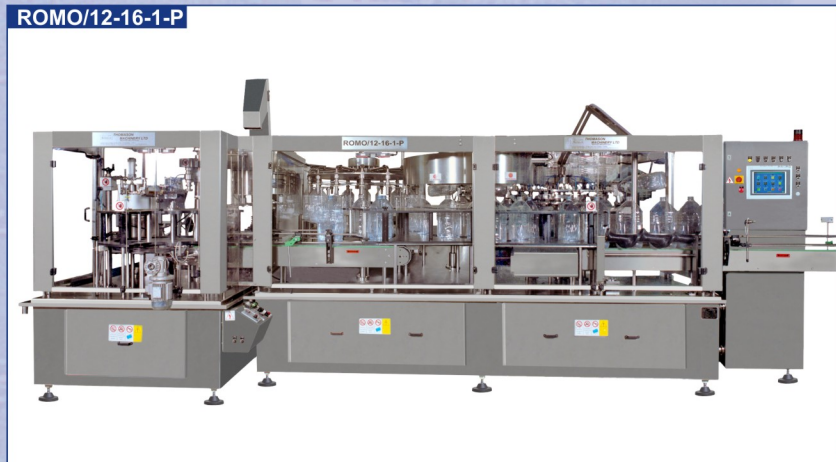
No change parts are needed for different bottle sizes.

POSIDON/10-P



THOMASON Automatic in-line filling machine model POSIDON/10-P suitable to fill low viscosity products. Gravity with low vacuum or pump filling systems. Over flow return system for filling level control. Available from 2 up to 12 filling heads to accompany different production requirements. Stainless steel hygienic construction for machine base and product contact parts. Fully Automatic operation with computerized PLC control. (B&R)

ROMO/12-16-1-P



THOMASON Automatic Uniblock Rinsing-Filling-Capping machine with 12 rinsing heads, 16 filling heads and 1 magnetic capping head for screw and push-on caps, model ROMO/12-16-1-P

Suitable to fill low viscosity products in plastic-PET-Glass bottles from 0.5 to 10 litres (according to the machine model).

The filling system can be with pump or gravity with low vacuum and this is according to the filling product and bottle type.

Fully automatic operation with computerized control (B&R PLC) and colored touch screen 10.4' for user-friendly operation to adjust the machine functions and parameters. Modem connection for technical assistance direct from our technical department.

Stainless steel construction for the outer machine frame and product contact parts.

C.I.P. cleaning supply is available as optional on request.

System to feed and place the plastic handles on the neck of 3 to 10 litres bottles, as optional on request.

ROMO/20-6-P



Thomason Automatic Monoblock Rotary Filling/Capping machine Model ROMO/20-6-GV with 20 filling heads and 6 magnetic capping heads with torque adjustment, suitable to fill low and medium viscosity products in glass -Plastic or PET bottles of any shape. Continues Rotary motion with synchronisation of filling-capping turret and conveyor speed. Computerized control with Colour touch screen 14" TFT (B&R) and modem connection. The machine outside frame and doors are made out of stainless steel 304 and all product contact parts are made out of stainless steel 316L.

This model can be supplied also with rising turret (Uniblock) and for high outputs can be up to 36 Filling heads and 12 Capping heads for high outputs. The filling system can be offered with Electronic Flow Meters or Gravity with low Vacuum or Pump according to the type of the filling product. Very easy to operate and low maintenance machine. The option of the CIP cleaning connection with dummy bottles makes the cleaning process very easy and secures the hygiene of the machine when change from one type of product to another.

HERMES/8-2



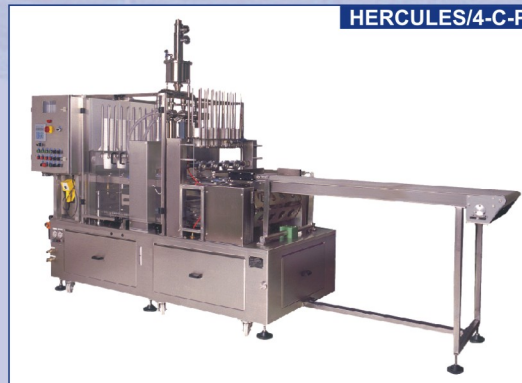
THOMASON Automatic monoblock weight filling and closing machine model HERMES/8-2, with twin lane conveyor, Four filling heads and one closing head on each lane. This machine is suitable to fill liquid products in plastic or metal containers from 5 to 25 litres. The caps can be fed manually or automatic on the tins and they closed automatically by means of press-on, crimping or screw. Fully Automatic process controlled by PLC computer and with option of having a

colored touch screen with full diagnostic and modem connection.

Each lane has one electronic weight scale with digital display to ensure high filling accuracy. Stainless steel construction of the machine outside frame and all product contact parts.

This model is available also in single lane for lower output capacity.

HERCULES/4-C-P



THOMASON Automatic Linear filling - sealing - closing machine with 2 or up to 6 lanes, suitable to fill and close cups with Yogurt - Labneh - Juices etc, model HERCULES. The feeding of the cups - aluminum foils and lids is done automatically from the storage magazines. Is a high speed machine with mechanical movement for smooth operation to avoid any product spillages. Fully Automatic operation with PLC by B&R and colored touch TFT screen. The filling system can be offered with Volumetric cylinders or Electronic Flow meters and this is according to the filling product. Stainless steel Hygiene construction for the machine frame and product contact parts. CIP cleaning connection is available as optional.

ELIADA/2-1R

THOMASON Automatic Monoblock Filling and Capping machine with one or two filling heads and one Capping head for screw and push-on plastic caps or for metal Pilfer-Proof and metal twist caps, model ELIADA/2-1R. The filling system can be offered with volumetric or Flow meters or Pump system, according to the filling product. Also this machine can be offered with aluminum foil cutting (from a roll) and sealing unit before the capping for products which needs 100% sealing on the neck. This machine is suitable for any kind of liquids and creams such as: cosmetics – detergents – food stuff – pharmaceuticals – dairy – chemicals/agrochemicals etc, to be filled in Glass – PET – Plastic bottles and jars.

Fully automatic operation with computerized control (B&R PLC) and colored touch screen 10.4' (as optional) for user-friendly operation to adjust the machine functions and parameters. Fault diagnostic and Modem connection for technical assistance direct from our technical department. Stainless steel construction for the outer machine frame and product contact parts. C.I.P. cleaning supply is available as optional.

THOMASON Automatic Monoblock Filling and Aluminium cutting and sealing machine, model ZEUS/2-1, suitable to fill low medium and high viscosity products. Two filling heads with two volumetric cylinders and one aluminium foil cutting unit (cutting in rings from roll) and one sealing head. Computerized PLC control with DTAM unit and fault diagnostic screen. Stainless steel hygienic construction for machine base and for all product contact parts. Inlet/outlet conveyor and in-line press capping unit at the outlet conveyor. C.I.P. cleaning supply is available as optional.

ZEUS/2-1

THOMASON Automatic tube filling and closing machine model MEDOUSA/1-A, suitable to fill dense and semi dense creams. One volumetric filling unit with one filling head. Closing system for aluminium tubes and closing unit for plastic tubes (as optional). Automatic tube loading and tube register system are also available as optional. Air jet cleaning head before the filling. Stainless steel hygienic construction for machine base and product contact parts.

MEDOUSA/1-A**ATHINA/1A-1S**

THOMASON Automatic monoblock Powder Filling and Capping machine with one Auger type powder filling unit and one capping head for plastic screw and push-on caps or Metal Pilfer-Proof and Twist caps, model ATHINA/1A-1S. Suitable to fill powders in plastic-PET-glass bottles of any shape. Also this machine can be offered with aluminum foil cutting (from a roll) and

sealing unit before the capping for products which needs 100% sealing on the neck. Fully automatic operation with computerized control (B&R PLC) and colored touch screen 10.4' (as optional) for user-friendly operation to adjust the machine functions and parameters. Fault diagnostic and Modem connection for technical assistance direct from our technical department. Stainless steel construction for the outer machine frame and product contact parts.

NAFSIKA/10-2

Thomason Automatic monoblock Filling and Closing Machine with Two Filling Heads, Two Aluminium feeding and sealing heads and Two snap-on lid closing heads, Model NAFSIKA/10-2, suitable to fill Yogurt - Labneh - Juices - creams in plastic cups and then seals them with pre-cut aluminium foil and close them by snap-on lids. The filling system can be offered with Volumetric cylinders - Pump system or Flow meters, according to the type of filling product. Fully automatic operation with computerized control (PLC - B&R) and touch screen for easy access in the machine parameters for adjustments. The machine outside frame and doors are made out of stainless steel 304 and all product contact parts are made out of stainless steel 316L. Output capacity of 4000 cups of 400grms/hour for high viscosity and 3000 cups of 400grms of low viscosity products. The same machine is available with one filling unit – one aluminium foil feeding and sealing unit and one lid closing unit for smaller outputs and cheaper solution.

THOMASON Automatic Volumetric in-line-filling machine model OLYMPUS/2-PH, with 2 filling heads, suitable to fill low and medium viscosity products (also high viscosity products containing small pieces can be filled by using 3-way rotary valves. Fully automatic operation with computerized control (B&R PLC). Modem connection for technical assistance direct from our technical department. This model is available from 2 to 6 filling heads according to the output capacity required per hour. Pneumatic operation. Stainless steel construction for the outer machine frame and product contact parts. C.I.P. cleaning supply is available as optional. No change parts are needed for different bottle sizes which can be bottles from 300ml to containers up to 5 litres.

OLYMPUS/2-PH**ATHINA/1-A**

THOMASON Automatic Powder filling machine model ATHINA/1-A with one auger type filling unit. Suitable to fill powders in bottles & cans (other type filling units are available). Electronic counter control of the auger system for high filling accuracy. Conical hopper with low speed agitator. Stainless steel hygienic construction for machine base and product contact parts.

PEGASUS/4-S



THOMASON Automatic rotary capping machine, model PEGASUS/4-S with four magnetic capping heads for plastic screw and push-on caps, as well as metal twist caps. It is also available as optional for metal pilfer-proof caps. Torque adjustment of each capping head. Automatic cap dispenser and automatic cap collection. Adjustable height of the cap dispenser and the capping heads by electric motor. Wormscrew infeed device. Stainless steel hygienic construction. Inlet/outlet conveyor with adjustable speed by electronic inverter. High speed machine.

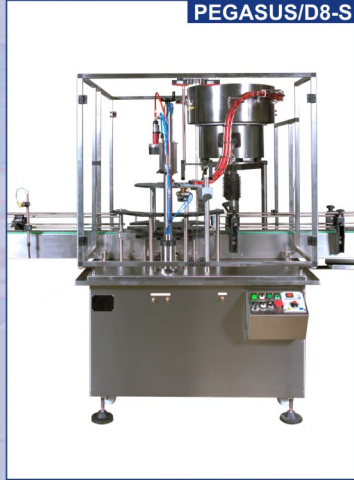
PEGASUS/D8-2R-S



THOMASON Automatic capping machine model PEGASUS/D8-2R-S with two robot magnetic capping heads, for difficult plastic screw and push-on caps. Automatic cap dispenser with motorized high adjustment stainless steel hygienic construction. Step by step rotation of the starwheel with hydraulic control for smooth operation. Adjustable height of the capping heads by a handwheel to accompany different bottle sizes.

THOMASON Automatic capping machine model PEGASUS/D8-S, with one capping head for plastic screw and push-on caps. Automatic cap dispenser with motorized high adjustment. Stainless steel hygienic construction. Step by step rotation of the starwheel with hydraulic control for smooth operation. Adjustable height of the capping head by a handwheel to accompany different bottles sizes.

PEGASUS/D8-S



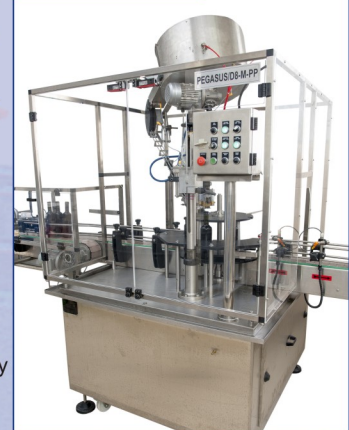
THOMASON Automatic Linear Capping/Crimping machine for Metal tins or Plastic jerry cans up to 25 litres with One Closing head and automatic or Manual cap feeding system. Model PEGASUS/L-1 Suitable for Plastic screw OR Push-on Caps and metal caps. Pick and place capping system to ensure correct placement and closing of difficult kind caps. Adjustable height of the closing head to accompany different sizes of containers. Computerized control PLC (B&R) with modem connection. Stainless steel construction.

PEGASUS/L-1



THOMASON Automatic capping machine, model PEGASUS/D8-P.P., with one capping head for metal pilfer proof caps. Automatic cap dispenser with motorized high adjustment. Stainless steel hygienic construction. Step by step rotation of the starwheel with hydraulic control for smooth operation. Adjustable height of the capping head, by a handwheel to accompany different bottle sizes.

PEGASUS/D8-P.P.



DANAE/1-P.P.



THOMASON Semi-Automatic capping machine model DANAE/1-P.P., with one capping head for metal pilfer proof caps. Stainless steel hygienic construction. Motorized drive of the capping head. Adjustable height of the capping head by a handwheel, to accompany different sizes of bottles.

DANAE/1



THOMASON Semi-Automatic capping machine model DANAE/1 with one capping head for plastic screw and push on caps. Pneumatic operated. Foot pedal signal and automatic capping cycle. Stainless steel hygienic construction. Adjustable height of the capping head by a hand-wheel to accompany different sizes of bottles.

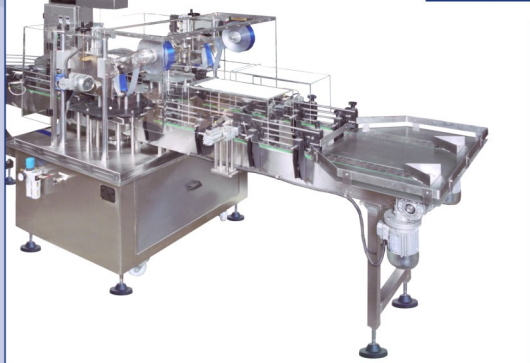
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KALIPSO/24-W

THOMASON Automatic Rotary water Rinsing machine model KALIPSO/24-W with 24 rinsing heads. Suitable for Plastic-PET-Glass bottles of different shapes. This machine is offered from 6 to 40 rinsing heads according to the required output capacity and the bottle sizes. The same machine can be offered for air-jet cleaning instead of water. Stainless steel construction for the outer machine frame, water and bottle contact parts.

ROTARY FEEDING TABLE

THOMASON rotary feeding table for cylindrical bottles, complete with drive unit and inverter for speed adjustment. Stainless steel hygienic construction.

ARIA/2-A

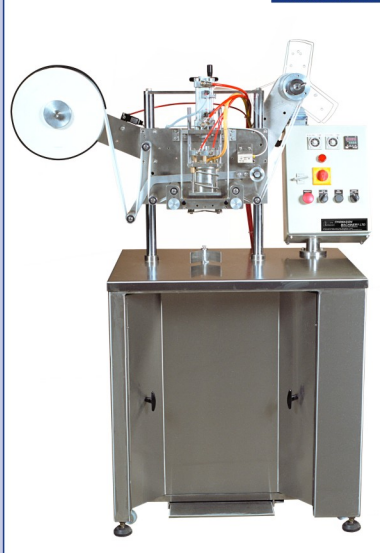
THOMASON Automatic aluminium foil cutting and sealing machine, model ARIA/2-A. Two inlet and outlet conveyors and two starwheel units. Two aluminium cutting units and two sealing heads. Adjustable sealing period. Adjustable sealing temperature by thermostat control. Fully automatic process with computerized PLC control. Stainless steel hygienic construction. Adjustable height for both sealing systems to accompany different bottle sizes. The same machine is available in single system for lower output capacity.

OLYMPUS/1-MF

THOMASON Automatic Volumetric in-line filling machine model OLYMPUS/1-MF, with 1 filling head, suitable to fill low and medium viscosity products such as vegetable oils and ghee in plastic or metal containers from 3 to 25 litres. Fully automatic operation with computerized control (B&R PLC). Modern connection for technical assistance direct from our technical department. Stainless steel construction for the outer machine frame and product contact parts. No change parts are needed for different bottle sizes.

LEDA/2-PC-AD

THOMASON Automatic Linear Labeling machine for self-adhesive labels, Model LEDA/2-PC-AD, suitable to apply self adhesive labels front and back on flat - oval - square bottles and partial or wrap-around label on cylindrical bottles. Fully automatic operation with electronic adjustment of the label dispensers speed and label placement on the bottles. Each label dispenser has an electronic input device for the parameters. The speed of the conveyor is synchronized with the speed of the label dispensers. By electronic encoder. High precision machine with speed up to 5000 BPH depending on the label size and bottle shape.

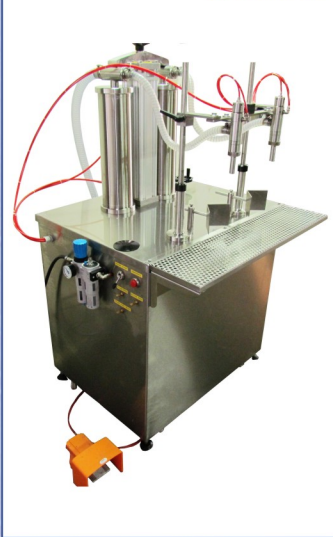
ARIA/1-S

THOMASON Semi-Automatic aluminium foil cutting and sealing machine model ARIA/1-S. Foot pedal signal to start the automatic aluminium foil cutting from a roll and the automatic sealing process. Adjustable sealing temperature by thermostat control. Adjustable sealing period. Adjustable height of the cutting and sealing unit, by a handwheel to accompany different bottle sizes. Stainless steel hygienic construction.

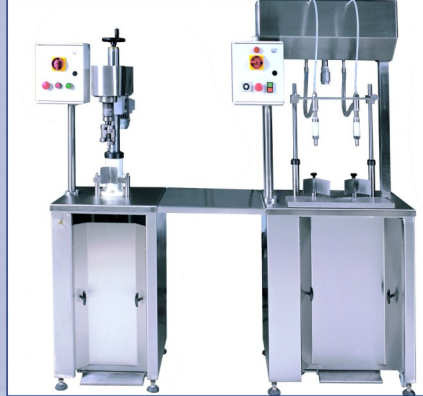
APOLLON/300-1

THOMASON Semi-Automatic weight filling machine for metal and plastic drums, model APOLLON/300-1 with one filling head, suitable to fill low and medium viscosity products. Bottom-up filling process. Computerized PLC control and electronic weight scale unit with digital screen. Stainless steel hygienic construction for product contact parts. Available in fully automatic version with drum register system.

THOMASON semi-automatic weight filling machine for metal and plastic containers, model APOLLON/30-2 with two filling heads and two electronic weight scales, suitable to fill low and medium viscosity products. Stainless steel hygienic construction.

APOLLON/30-2**ARTEMIS/2**

THOMASON Semi-Automatic volumetric filling machine model ARTEMIS/2, with two filling heads, suitable to fill low and medium viscosity products. Foot pedal signal and automatic filling cycle. Stainless steel hygienic construction for machine base and product contact parts. Adjustable filling volume for both volumetric cylinders from a common handwheel. From 100ml to 5.0 litres, depending on the size of the volumetric cylinders. Button-up filling process is available as optional

POSIDON/2-V-S + DANAE/1-P.P.

THOMASON Semi-Automatic Gravity with low Vacuum Filling Machine, with two Filling heads and Semi-Automatic Capping Machine with one Capping head for metal Pilfer-Proof caps, model POSIDON/2-V-S + DANAE/1-P.P. Suitable to fill low and medium viscosity products in any shape of glass bottles and cylindrical plastic bottles and close them with Pilfer-Proof metal caps. Foot pedal signal and automatic cycle. Stainless steel Hygienic construction. Wide volume filling range.

ARTEMIS/2-R

THOMASON Semi-Automatic volumetric filling machine model ARTEMIS/2-R, with two filling heads, suitable to fill medium and high viscosity products containing pieces up to 15mm such as pickles-coleslaw-salads etc. Foot pedal signal and automatic filling cycle. Stainless steel hygienic construction for the machine base and product contact parts. Product feeding hopper 'U' type with low speed agitator (Jacketed as optional). Back cleaning system to clean the back of the volumetric cylinders on each stroke. Adjustable filling volume for both volumetric cylinders from a common handwheel.

THOMASON Semi-Automatic volumetric filling machine model ARTEMIS/2-CH, with two filling heads, suitable to fill medium and high viscosity products. Foot pedal signal and automatic filling cycle. Stainless steel hygienic construction for machine base and product contact part. Conical feeding hopper with low speed agitator for high viscosity creams. Adjustable filling volume for both volumetric cylinders from a common handwheel.

ARTEMIS/2-CH**ARTEMIS/1GP**

THOMASON Semi-Automatic Filling machine with gear pump, with one filling head model ARTEMIS/1GP, suitable to fill low and medium viscosity products. Stainless steel 316 Gear Pump with motor. This machine can be offered in two types, one to fill from 10ml to 1000ml and the other to fill from 1000ml to 10.0 litres with bigger size of gear pump. The machine frame cladding is made out of stainless steel 304 seating on PVC plate. Product contact parts are made out of stainless steel 316.

Foot pedal operated, Push button or timer. Volume is adjustable digitally from the counter settings. AC Inverter to adjust the filling speed electronically.

ARTEMIS-2-GP

THOMASON Semi-Automatic Filling machine with Two Gear Pumps and Two Filling heads model ARTEMIS/2-GP, with stainless steel base, suitable to fill low to high viscosity products (for high viscosity products is needed the conical feeding hopper). Stainless steel 316L Gear Pumps with motors and common electronic inverter for filling speed control. This machine is available in two versions, one from 10ml to 1000ml and one from 100ml to 5000ml. The machine frame and base is made out of stainless steel 304. The product contact parts are made out of stainless steel 316L. Food pedal operated, push button or timer. Volume is adjustable electronically from The micro-logic controller.



ISO 9001
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Manufacturers of Packaging Machines:
Rinsing - Filling - Capping - Labelling - Complete Bottling Lines.

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