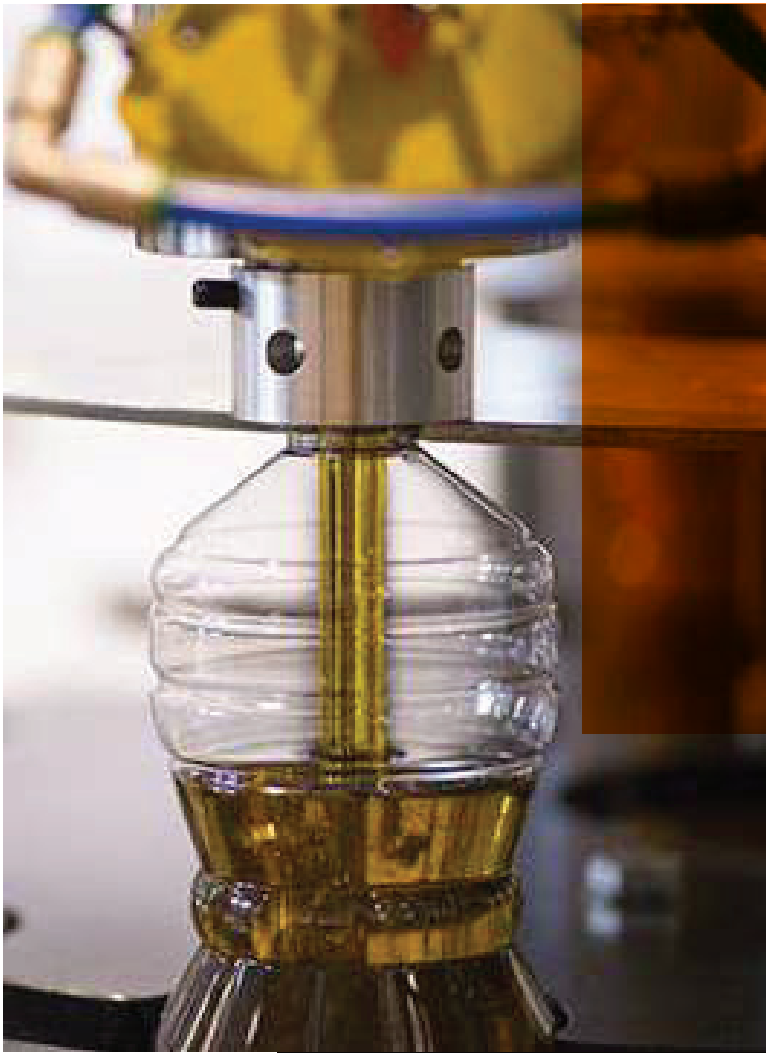




**QUALITY IS REMEMBERED LONG AFTER
THE PRICE IS FORGOTTEN**



PROVIDING STATE-OF-THE-ART PRODUCTS
AND AFTER SALES SERVICE.

SINCE **1961**

NOT JUST BIG TALKS,
BUT DECADES OF PROVEN EXCELLENCE.

VALUES



UNITECH ACCURACY:

Our accuracy metrics deliver exactly what we claim.
Something, our competitors wonder about.



PROBLEM-SOLVING APPROACH:

Our after-sales service has the fastest turnaround time, so your queries get solved when you need them. Not when we can solve them.



TECHNOLOGICALLY UPDATED:

Our products are technologically aligned to focus on your business growth first.
And then our's.



TIMELINESS:

Our timely delivery ratio is 100%. Not 99.97%



RESPONSIBLE:

We always find a way to deliver value. Not excuses.



ROTARY FILLING MACHINE

FILLING RANGE: DIFFERENT MODELS 200 ML. TO 500 ML. 500 ML TO 1 LTR.

TECHNICAL SPECIFICATIONS

- Speed Capacity— 60 BPM to 150 BPM
- MOC — Stainless Steel 304
- Type— Piston Filling Machine
- Power Consumption— 7 to 8 HP
- Operating System— PLC / SERVO
- Application— Liquid Filling Machine for Edible Oil, Lubricants, Milk, Juices and Flowable Liquid in Pet, HDPE and Glass Bottles.



AUTOMATIC VOLUMETRIC FILLING MACHINE

FILLING RANGE 250ML TO 5 LTRS. & 5 LTRS. TO 20 LTRS

- Drip free nozzles with filling range of 250ml to 5000 ml / 5Ltrs. to 20 Ltrs. with drip tray for accidental drip.
- Non contact electronic sensor to ensure "no bottle no fill" system.
- Available from 4 head to 16 head.
- Mitsubishi make PLC system with 7" Touch screen and VFD control for conveyor speed control.
- German flow meter for better repeatability of 0.05%. Having in built non liquid contact sensor for measuring rotation of chamber. All contact parts in Mild steel / Stainless steel plating.
- Body frame made up of M.S. with Powder coating or Stainless steel. All contact parts stainless steel.
- Capable of automatic intake of empty bottles / container on to the filling station and discharge after filling bottles with the help of stop and release lever pneumatically operated.
- Fast flow and fine flow system for better accuracy, Interval can be set form PLC, Volume would be set individually for each nozzle with increment of 1ml.
- Neck entry system so that the nozzle enter inside the container before filling to avoid spillage.
- Conveyor with stainless steel slats and suitable for filling 250ml to 5 Ltrs./5Ltrs. to 20 Ltrs. container along with electric motor for main drive and conveyor reduction gear box with variable frequency drive.
- Enclosed body with transparent Acrylic doors front and back.
- Pneumatically operated Nozzle Up-Down movement & stopper Gates for bottle entry and exit.
- Adjustment can be made without interrupting filling sequence.
- Manual valve on bypass line of pump.
- Pump of 200 Lpm.
- In built memory to store 25 Recipes.
- Filling accuracy of +/- 0.25% till 5 Ltrs. & 0.1% till 15 Ltrs.
- As flushing system is given the product change over time is 15 to 20 minutes.
- As setting of the volume is through PLC product change time is 15 to 20 minutes. To make it more fast we have provided with in built memory which can store and recall whenever required.

NO OF NOZZELS	05 LITRES	15 LITRES	01 LITRES	500 ML
04 Head Machine	720 fills per hour	360 fills per hour	1440 fills per hour	1680 fills per hour
06 Head Machine	1080 fills per hour	540 fills per hour	2160 fills per hour	2520 fills per hour
08 Head Machine	1440 fills per hour	720 fills per hour	2880 fills per hour	3360 fills per hour
10 Head Machine	1800 fills per hour	900 fills per hour	3600 fills per hour	4200 fills per hour



WEIGH FILLER

LINEAR GROSS / NET WEIGH FILLER

FILLING RANGE: 1 TO 5 KG AND 5 TO 30 KG

- Weigh metric Series.
- Filling range: 1 to 5 kg and 5 to 30 kg
- Versatile : Minimum Adjustment Required for setting different capacities.
- Nozzle Type : Positive cut-off.
- Accuracy of Filling : $\pm 0.1\%$ for 5 kg to 30 kg and 1 kg to 5 kg will be 0.25% filled volume.
- Completely PLC based system.
- Auto calibration system.
- Enclose cabinet with acrylic doors. Having 500 liters tank.
- Having coarse & fine filling system.
- Volume setting : 10 Inches wide HMI Touch Screen Graphic Display.



- No container No Fill.
- Filling modes : Net / Gross.
- Drip arresting tray below nozzle for accidental drip.
- Models : available in 4, 6, 8 and 12 head configuration.

NO OF NOZZELS	05 LITRES	15 LITRES	20 LITRES
02 Head Machine	360 fills per hour	180 fills per hour	120 fills per hour
04 Head Machine	720 fills per hour	360 fills per hour	240 fills per hour
06 Head Machine	1080 fills per hour	540 fills per hour	360 fills per hour
08 Head Machine	1440 fills per hour	720 fills per hour	480 fills per hour



AUTOMATIC TIN COLLAR PLACING SYSTEM

- In feed collection conveyor for Tins
- Collator (Matrix Formation) station
- Automatic feeding of preformed collar from the magazine
- Collar – Pick N Place (Top Loading) machine
- Hot melt glue applicator

TECHNICAL DATA

- Machine installed power total : ~2 HP
- Hot melt system : ~3 HP
- Air consumption total : ~4 -5 CFM
- Operating air pressure : 5-6 Bar
- Infeed entry height : 800 +/- 50 mm (To be confirmed)
- Tin exit height : 800 mm +/- 50 mm (To be confirmed)
- Auxiliary controls : 24 V DC
- Speed : 12-13 tins per minute

TECHNICAL SPECIFICATIONS FOR COLLAR PICK N PLACE FOR TINS TIN FEEDING CONVEYOR

- Length : 2000 mm
- Width : 400 mm
- Height : 600 mm +/- 50 mm
- Slat Width : 83.5 mm
- Slat Chain : Delrin Chain / SS
- No. of Rows : 2 Nos
- Distance between Chains : 100 mm
- Drive : ½ HP Geared Motor
- Conveyor Speed : 10 Mtrs /minute
- Side Guides : UHMWPE Profile

COLLAR LOADING MACHINE

- Collar Placing : Top Loading by 2 axis Pick N Place system
- Principle : X-Y Axis Movement with AC Servo Driven Motors
- Linear Guides of X-Y Axis : Hardened steel guides with conical rollers
- X-Y Axis Movement : Timer Belt Driven with Servo motor & Gear box
- Collar Gripper Assembly : Pneumatic suction cups
- Gluing Platform : Servo controlled rotary table

HOT MELT SYSTEM

VALCO MELTON: D4E 5 KG TANK CAPACITY WITH 1 HOSE AND
1-GUN MODULES MELTING RATE – 5 KG/HR

TEMP: 105 TO 205 DEGREE / TEMP STABILITY: 0.5 DEGREE / ELECTRICAL: 200 / 240 V

MAKE OF MAJOR BOUGHT OUT COMPONENTS

- PLC : Delta or Equivalent
- HMI : Delta or Equivalent
- AC Frequency Drive : Delta or Equivalent
- Servo motors : Delta or Equivalent
- Pneumatics : FESTO / SMC or Equivalent
- Switchgears : Siemens / AB or Equivalent
- Geared Motors : MGM Varvel / Bonfiglioli or Equivalent
- Sensors : Leuze / Delta or Equivalent
- Control Panel : Custom Built – SS
- Cables : Finolex / Finecab / Polycab / Equivalent
- Covers : Acrylic doors
- Rollers : SS 202
- Structure : Stainless Steel



- Drip free nozzles with filling range of 100ml to 5000ml (Different capacity available)
- Available from 4 head to 12 head.
- No bottle - No fill system.
- Mitsubishi make PLC system with 7" Touch Screen and VFD control for conveyor speed control.
- Contact parts in Stainless steel 16 quality.
- Body frame made up of Stainless steel.
- Capable of automatic intake of empty bottles / container on to the filling station and discharge after filling bottles with the help of stop and release lever pneumatically operated.
- Neck Entry or Diving Nozzle system so that the nozzle enter inside the container before filling to avoid spillage. Conveyorised System with 6 inches stainless steel slats and suitable for filling 100ml to 5 ltrs container along with electric motor for main drive and conveyor reduction gear box and variable frequency drive.
- Pneumatically operated / Servo Controlled Nozzle Up-Down movement & Pneumatically operated stopper Gates for bottle entry and exit.
- In built memory to store 25 filling setting data.
- Filling accuracy of +/- 0.25%.
- Power 415 Volts 3 Phase 50 Hz.
- Setting of Volume, Speed of filling through PLC.

AUTOMATIC GEAR PUMP BASED FILLING MACHINE

FILLING RANGE: OF 100ML TO 5000ML
(DIFFERENT CAPACITIES AVAILABLE).





AUTOMATIC TIME FLOW FILLING MACHINE

FILLING RANGE: 100ML TO 1000ML
WITH DRIP TRAY FOR ACCIDENTAL DRIP.

- Drip free nozzles with filling range of 100ml to 1000ml with drip tray for accidental drip. • Available from 4 head to 20 head.
- No bottle - No fill system.
- Mitsubishi make PLC system with 7" Touch Screen and VFD for conveyor speed control.
- Contact parts in Stainless steel 304 quality.
- Body frame made up of M.S. with Powder coating or stainless steel.
- Capable of automatic intake of empty bottles / container on to the filling station and discharge after filling bottles with the help of stop and release lever pneumatically operated.
- Neck Entry Nozzle system so that the nozzle enter inside the container before filling to avoid spillage.
- Conveyorised system with 6 inches stainless steel slate.
- Pneumatically servo operated Nozzle Up-Down movement & stopper Gates for bottle entry and exit.

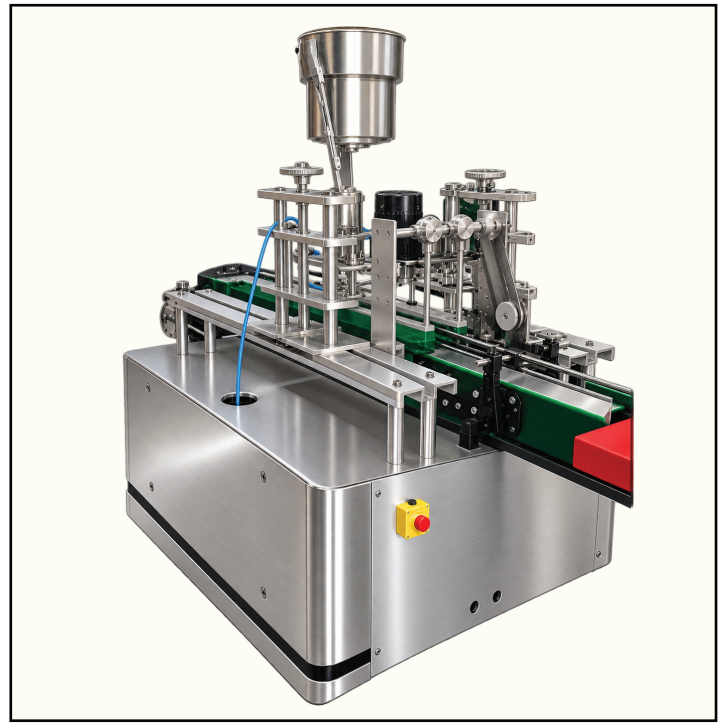
- In built memory to store 25 filling setting data.
- Filling accuracy of +/- 0.25%.
- Power 415 Volts 3 phase 50 Hz.
- Setting of Volume through PLC.





AUTOMATIC MECHANICAL PISTON FILLING MACHINE

- Drip free nozzles with filling range of 400ml to 1000ml (Different capacity available).
- Available from 4 head to 8 head.
- No bottle - No fill system.
- Mitsubishi make PLC system with 4 inches Touch Screen and VFD control for conveyor speed control.
- Contact parts in Stainless steel 316 quality.
- Body frame made up of Stainless steel.
- Capable of automatic intake of empty bottles / container on to the filling station and discharge after filling bottles with the help of stop and release lever pneumatically operated.
- Neck Entry Nozzle system so that the nozzle enter inside the container before filling to avoid spillage.
- 12 feet Conveyor with 4 inches stainless steel slats and suitable for filling 400ml to 1 ltrs container along with electric motor for main drive and conveyor reduction gear box and variable frequency drive.
- Mechanically operated Nozzle Up-Down movement & Pneumatically stopper Gates for bottle entry and exit.
- In built memory to store 25 filling setting data.
- Filling accuracy of +/- 0.25%.
- Power 415 Volts 3 phase 50 Hz.
- Setting of Volume by Cam.



AUTOMATIC LINEAR CAPPING MACHINE

- Linear chuck capper and Side roller capper system
- Available from 1 to 8 head
- No bottle - No cap system
- Mitsubishi make PLC system with 4" Touch Screen and VFD control for conveyor speed control.
- Contact parts in Stainless steel 304 quality.
- Body frame made up of Stainless Steel or M.S Powder Coated
- No change parts required for different bottle size.
- Motorized Bowl or Cap Elevator for orientation of caps.
- 8 feet conveyor with 6 inches stainless steel slats.
- In built memory to store 25 setting data.
- Power 415 Volts 3 phase 50 Hz.

Note: Semi automatic capper and Automatic Mechanical rotary capping available





AUTOMATIC LID PLACING & PRESSING MACHINE

- Auto lid placement system.
- No jar - No cap system.
- Mitsubishi make PLC system with 4" Touch Screen and VFD control for conveyor speed control.
- Contact parts in Stainless steel 304 quality or powder coated.
- Body frame made up of Stainless steel or M.S powder coated.
- Pneumatic lid orientation system.
- 8 feet conveyor with 6 inches stainless steel slate.
- Power 415 Volts 3 phase 50 Hz.



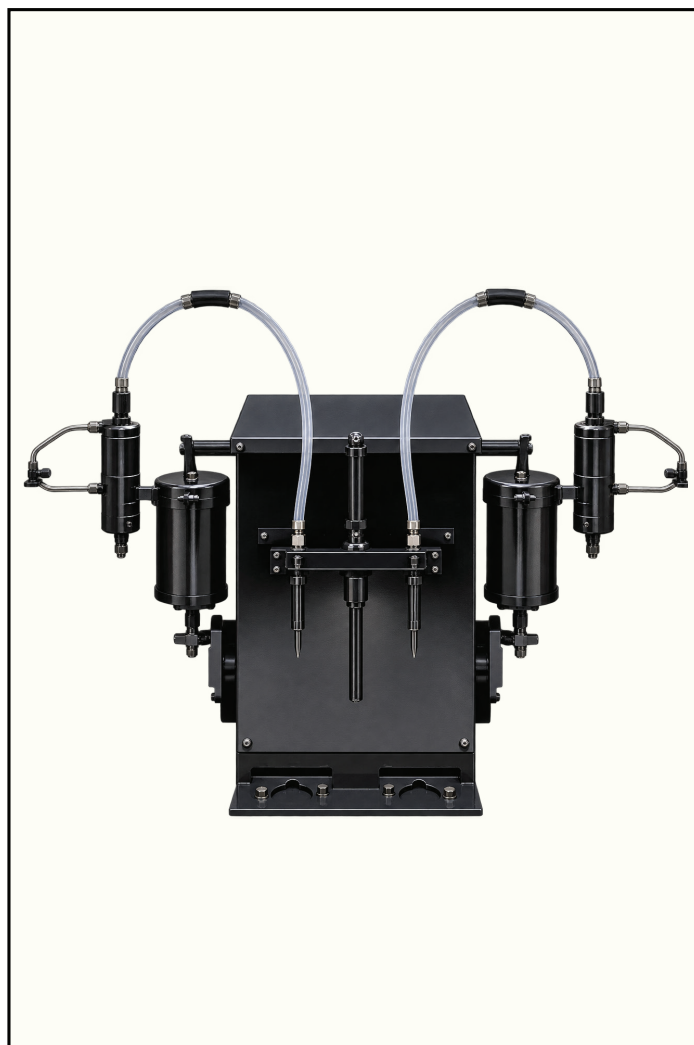
INDUCTION SEALING MACHINE

- Latest Unitech I.G.B.T. Solid State Induction Cap Sealing System, Model UEC 2000/3000.
- Control Panel: Input Voltage : 250 Volts AC 50 Hz, Input Current: 5 Amps Max, Output Power : 2 Kwatt / 3 K watt
- Water Circulation System : SS Tank, Radiator with Cooling Fan, 1/8 HP Water Pump, Flow Switch.
- No water flow no current system.
- No wad detection system.
- Induction Unit : consisting of Epoxy Encapsulated, Induction Head, Output Transformer Unit.
- Adjustable Head Stand.



LOADCELL BASED SYSTEM FILLING MACHINE (EDFL-1) (SEMI AUTOMATIC FILLING MACHINE)

- Microprocessor based system.
- Two stage filling system.
- Pneumatically operated system.
- All contact parts in stainless steel 304 / 316 quality.
- Filling Range 200 ml to 20 Ltrs. Different capacity available.
- Having Auto/Manual, Gross/Net mode.
- Intelligent correction for high accuracy.
- No jar no fill system in auto mode.
- Product can be filled:
Any free flowing liquid such as Oil, Paint, Varnish, Thinner, Ink, Milk, Chemicals, Lubricants, Adhesive.



VOLUMETRIC PISTON FILLER : (SEMI AUTOMATIC FILLING MACHINE)

- Upto two head.
- Motorised or Pneumatically operated.
- Filling range available from 5ml to 5ltrs in different machine.
- In pneumatic model complete microprocessor based system
- All contact parts in stainless steel 304 / 316 quality.
- Product can be filled: Any free flowing liquid such as Oil, Paint, Varnish, Thinner, Ink, Milk, Chemicals, Lubricants, Adhesive.



FRONT AND BACK LABELING MACHINE

TECHNICAL SPECIFICATIONS

● Speed	: 60 to 300 bpm
● Roll O.D .	: 300mm
● Label Material	: Paper/film/pp/pe
● MOC	: SS 304
● Power Supply	: 220/50hz
● Power Consumption	: 3kva
● Operating System	: Micro Controller Based /stepper Plc / Servo Plc
● Machine Size	: 2500mm X 2000mm X 1800mm (LxBxH)weight
● Weight	: 350 Kgs
● Printer	: TIJ/TTO/CIJ Can Be Integrated With The Machine shroud
● Shroud	: Optional



WRAPAROUND LABELING MACHINE

TECHNICAL SPECIFICATIONS

● Speed	: 60 To 300 Bpm
● Roll O.D.	: 300mm
● Label Material	: Paper/film/pp/pe
● SS 304	: SS 304
● 220/50hz	: 220/50hz
● Power Consumption	: 2kva
● Operating System	: Stepper Micro Controller / Stepper Plc / Servo Plc Display
● Display	: MMI-4line Display/Ami-touch Screen
● Conveyor Length	: 2m (Optional Extension of Conveyor)
● Label Size	: Min : 25mm X 25mm, Max : 200mm X 250mm
● Printer	: TIJ/TTO/CIJ can be Integrated with the Machine
● Shroud	: Optional

THANK YOU

CLIENTELE

WORDS OF ENCOURAGEMENT, MEAN ONLY ONE THING.

MORE BUSINESS AND MORE RESPONSIBILITY.

EDIBLE OIL



LUBRICANTS



PESTICIDES



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