Proudly Made in the USA Since 1996

216 SEABOARD AVE - VENICE, FL 34285 - (941) 486-8800 - SALES@FILLERS.COM
Servo – Pump Filling Machine

- 12 Head Filler
Servo – Pump Filling Machine

Applications

• Low – High Viscosity Food Products
• Food Products with Particulates
• Beverage
• Low to High Viscosity Agro-Chemicals
• Low to High Viscosity Petro-Chemicals
• Low to High Viscosity Cleaning Chemicals
• Hazardous Location Chemicals
Servo – Pump Filling Machine

Features

- 1 Head to 12 Head Sanitary, Chemical Duty and Hazardous Location Rated Filling Machine
- Low Viscosity to High Viscosity Products with or without particulates
- Accurate Volumetric Filler to +/- .5%
- Hazardous Location Chemicals
- Allen-Bradley 5380 Compact Logix PLC with PanelView HMI and Allen-Bradley PowerFlex 525 VFDs
- Removable Fluid path components available for quick change-over
- Servo – Dive available
- CIP available
- Drip Tray
- 1 oz. to 2.5 Gallon container range
- Application specific hoses and nozzles for accuracy and productivity
- Production rates:
  - 40 – 50 Gallons per minute
  - 80 – 90 Quarts per minute
  - 100 – 120 Pints per minute
Servo – Pump Filling Machine

2 head to 12 head filling machines

Each nozzle has an application specific pump and drive system
Servo Driven Pump Filling Machine

CIP SYSTEM

Tank spray Balls

Spray Ball Valve
Drain Valve
Product Supply Valve
Servo - Pump Filling Machine

VIDEO LINKS

• https://youtu.be/fc5BF5wLeDg
• https://youtu.be/d5FFyqqUr-Q
• https://youtu.be/d5FFyqqUr-Q
• https://youtu.be/M83tYQ8pGGA
• https://youtu.be/5BrAjY2wBtY
• https://youtu.be/4aNPM1hyRg
• https://youtu.be/W6aBlWE9jeA
Servo - Pump Filling Machine

SAMPLE LINE DRAWING

- Labeler
- Coder
- Induction Sealer
- Capper
- Filler
- Bottle Unscrambler
- Pack Off Station
Overflow Filling Machine

- 12 Head Filler
Overflow Filling Machine

Applications

• Low Viscosity Products with fine or no particulates
• Alcohol/Distilled Spirits
• Beverage/Drink mixes
• Water
• Low Viscosity Agro-Chemicals
• Low Viscosity Petro-Chemicals
• Low Viscosity Cleaning Chemicals
• Hazardous Location Chemicals
Overflow Filling Machine

Features

• 2 Head to 24 Head Sanitary, Chemical Duty and Hazardous Location Rated Filling Machine
• Low Viscosity Products with fine or no particulates
• Fill to Level Filling Machine
• Hazardous Location Chemicals
• Allen-Bradley Micro 800 PLC with PanelView HMI
• Application specific hoses, nozzles and contact parts for Chemical Compatibility
• 1 oz. to 2.5 Gallon container range
• Removable Fluid path components available for quick change-over
• CIP available
• Drip Tray
• Production rates:
  30 – 40 Gallons per minute
  70 – 80 Quarts per minute
  100 – 120 Pints per minute
Overflow Filling Machine

2 head to 24 head filling machine

Filler Tank and manifold system
Overflow Filling Machine

CIP SYSTEM

Application Specific Pumps

Tank spray Balls

Centrifugal

Diaphragm

Hazardous Location

Impellor
Overflow Filling Machine

VIDEO LINKS

- https://youtu.be/cp2gdc2ImTo
- https://youtu.be/zv35PJgmOLg
- https://youtu.be/aCRXTZH98_Y
- https://youtu.be/YdsZmfkBOs8
- https://youtu.be/KYtWnJtMR7U
- https://youtu.be/sjTja4s1BrY
- https://youtu.be/kpWPvCHmUxE
- https://youtu.be/N6nluZ6-eZU
Overflow Filling Machine

SAMPLE LINE DRAWING

- Capper
- Labeler
- Accumulation Table
- Filler
- Bottle Unscrambler
Net Weigh Filling Machine

- 8 Head Filler
Net-Weigh Filling Machine

Applications

• Low Viscosity
• High Value Products
• High Value Flavorings
• Agro-Chemicals
• Petro-Chemicals
• Bottle in a box
• Hazardous Location Chemicals
Net-Weigh Filling Machine

Features

• 1 Head to 8 Head Sanitary, Chemical Duty and Hazardous Location Rated Filling Machine
• Low Viscosity High Value Products
• Fill to Weight Filler to +/- .5%
• Allen-Bradley Compact Logix PLC and PanelView HMI with Rice Lake Scale Package
• Application specific hoses and nozzles for accuracy and productivity
• 1 oz. to 5 Gallon container range
• Removable Fluid path components available for quick change-over
• Bottom up Fill
• Drip Tray
• Production rates are determined based on accuracy requirements and fill sizes
Net-Weigh Filling Machine

8 HEAD FILLER

CONTAINER INDEXING CYLINDERS

Container Metering and Transfer Devices

Load Cells

Scale Lift Conveyor
Net-Weigh Filling Machine

SCALE READ-OUT

- Weight measured in Grams or Ounces

DRIBBLE VALVES FOR ACCURACY

- Manual Shut-Off Valves
- Ballast Tank
Net-Weigh Filling Machine

VIDEO LINKS

• https://youtu.be/C6Jm-fk47W4
• https://youtu.be/YvzwdwHBACg
• https://youtu.be/6PLYopLYtY
Net-Weigh Filling Machine

SAMPLE LINE DRAWING

- Elevator Sorter
- Filler
- Transer Belts
- Inline Capping Machine
- Load Cells
Piston Filling Machine

- Honey Filling
Piston Filling Machine

Applications

- Sanitary, Chemical Duty, and Hazardous Location Rated Filler
- Medium Viscosity to High Viscosity Food Products with or without Particulates
- CBD and Fragrance Oils
- Soap/Detergent/Shampoo/Conditioner
- Edible Oil/Nut Oil
- Medium to High Viscosity Cleaning Chemicals
- Hazardous Location Chemicals
Piston Filling Machine

Features

- 1 Head to 12 Head Sanitary, Chemical Duty and Hazardous Location Rated Filling Machine
- Medium Viscosity to High Viscosity Products with or without particulates
- Accurate Volumetric Filler to +/-1%
- Allen-Bradley Micro 800 PLC and Panel View HMI
- Application specific hoses and nozzles for accuracy and productivity
- 1 oz. to 2.5 Gallon container range
- Removable Fluid path components available for quick change-over
- Bottom up Fill
- Drip Tray
- Production rates:
  - 40 – 50 Gallons per minute
  - 80 – 90 Quarts per minute
  - 100 – 120 Pints per minute
Piston Filling Machine

APPLICATION SPECIFIC VALVES

Rotary Valves for high Viscosity Products

Check Valves for Medium Viscosity Products
Piston Filling Machine
Complete Piston Filler Packaging Line

HTTPS://YOUTUBE.BE/RXTNRWLP5BO
Inline Automatic Capping Machine
Inline Automatic Capping Machine

Applications

- Food Products
- Chemicals
- Beverage
- Low to High Viscosity Agro-Chemicals
- Low to High Viscosity Petro-Chemicals
- Low to High Viscosity Cleaning Chemicals
- Hazardous Location Products
- Corrosive Resistant Products
- Health and Beauty Products
Inline Automatic Capping Machine

Features

• Automatic capper with Elevator or Centrifugal sorter
• PLC control system
• Sorts and Applies Flat, Shampoo style, Metal CT, Metal lug and Yorker style caps
• 14 mm to 110 mm cap range based on production speeds and quality of caps and containers
• Speeds from 200 cpm on small containers with small caps to 15 – 20 cpm for large containers with large caps
• NEMA 4 available
• Hazardous Location available
• Corrosive Resistant available
Inline Automatic Capping Machine

Staring Spindles

Mechanical or magnetic clutches for precise cap torque

Cap Tightening Belts

Power Height Adjustment
Inline Automatic Capping Machine

- Elevator Sorter for Flat Caps
- Centrifugal Sorter for tall caps
- Centrifugal Bowl for Yorker caps
Inline Automatic Capping Machine

VIDEO LINKS

• https://youtu.be/uzl5ocfWQzY
• https://youtu.be/q5XtnB1cYhs
• https://youtu.be/8dEHBXUCCwQ
• https://youtu.be/sJFHe6quxr9s
• https://youtu.be/nBp3r8VdofI
• https://youtu.be/r-x_O9_g9JQ
• https://youtu.be/S_EnGObiyPo