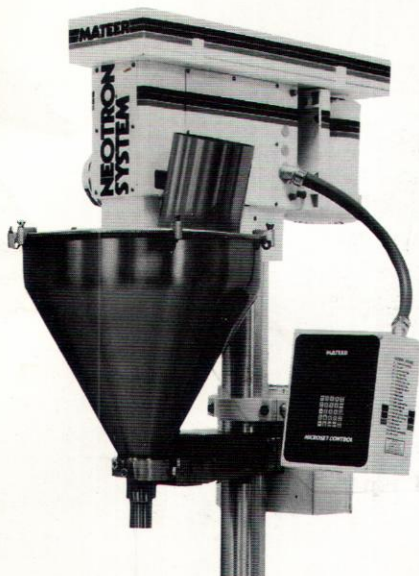


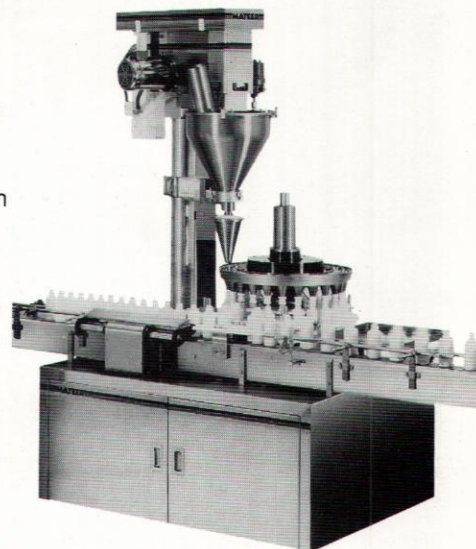
# MATEER-BURT

## Sets The Industry Standards

### Auger Fillers



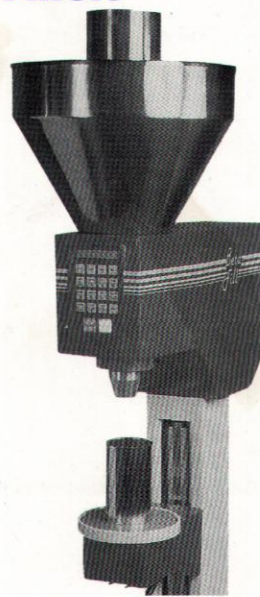
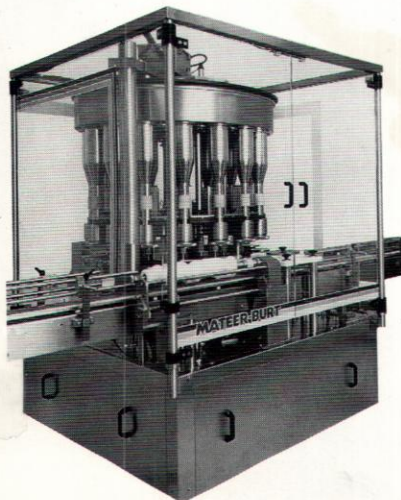
The **Neutron System** line of auger fillers was the first in the world to utilize the power and speed of dedicated microprocessors for enhanced performance. The broad line of Neutron System fillers ranges from simple semiautomatic to automatic machines for volumetric or gravimetric filling. Operating speeds from manual operation to over 400 packages per minute are available depending upon the product and individual requirements. Neutron System auger fillers are obtainable in over 50 models to satisfy any requirements for filling speed, accuracy and price. Fill sizes ranging from milligrams to hundreds of pounds can be accommodated and filling accuracies are typically  $\pm 0.1\%$ .



### Vacuum Fillers

The **Omega** series of filling machines is used by manufacturers all over the world to fill an array of powders in the food, pharmaceutical and chemical industries. The range includes milk powder, infant formula, coffee, talcum powder, custard powder, instant beverages, artificial sweeteners, powdered spices, household cleaners, powdered soups, chocolate powder and gravy powders. With thousands of installations over the world and more than 60 years of experience — the Omega vacuum filling principle is ideally suited to handle semi and non free-flowing

powders or granules delicately to achieve a highly accurate and dust free fill. Omega models are available with feedback in gross or net weight modes and production speeds ranging up to 300 packages per minute.



The **Beta-Fill** is a revolutionary filling system specifically designed to handle any free-flowing or semi free-flowing powder or granular product. Fluidized flow technology provides a fast filling cycle, while a high resolution load cell, coupled with specifically designed software provides a high degree of accuracy. The Beta-Fill uses a combination of positive and negative air pressure to control the filling cycle. The heart of the Beta-Fill is the conical section nozzle manufactured from food grade porous plastic. The patented system uses no motors, no clutch/brakes and has no rotating components. Beta-Fill models are available to suit manual or automatic operations.

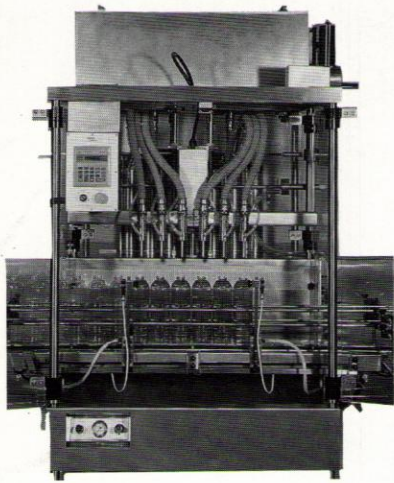
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## Liquid Fillers

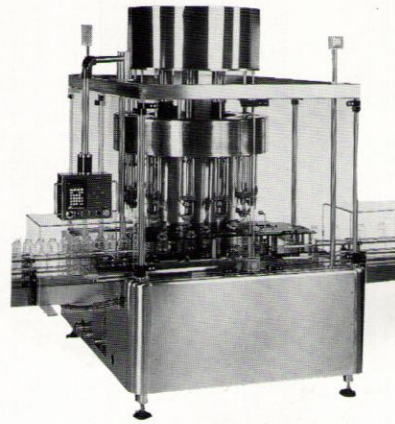
The **Miniflo** series of inline liquid fillers is setting a new standard in user friendly operation and instant changeovers. The Miniflo range of fillers is used for a variety of applications in most industries, filling liquids and gels in a variety of containers. Liquid



contact parts are manufactured from 316 grade stainless steel with food quality hoses. Typical applications cover products such as toiletries, detergents, personal care, chemicals, pharmaceuticals, food and spirits. At the press of a button the fill volume, nozzle pitch, bottle indexing, liquid flow, height adjustment and speed can be changed providing

tool free changeovers. The Miniflo is available with metering cylinders from 300ml to 5000ml and from 2 to 8 filling heads.

**Premier** liquid fillers are fully automatic, PLC controlled, rotary piston volumetric filling machines. The newly designed Premier with its quick strip, tool free, easy clean metering cylinders provide for maximum efficiency with minimal maintenance. The Premier also includes a unique cleaning sump which enables the effluent to be flushed through the bottle lifting platforms, virtually eliminating



spillage. Spray rings and scavenge pumps can be installed to the system to further enhance the cleaning process. At the heart of the metering system are precision engineered recirculating ball screw assemblies controlled by the PLC and linear transducer providing accuracies to within  $\pm 0.1\%$ . The Premier is available with 1200ml, 3000ml and 5000ml metering cylinders and with 8 to 20 filling heads.

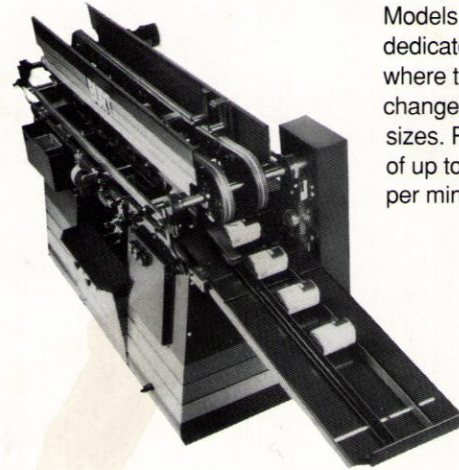
## Specialty Fillers

The **CVF** (Controlled Volume Filler) is a highly versatile filling system for the filling of all types of pumpable products. The CVF is capable of filling non-homogeneous and chunky products with cube sizes up to  $\frac{3}{8}$  inches. The operating principle is a positive displacement pump with counter rotating dual lobe impellers. Fill size is controlled by counting the revolutions, and accuracies of  $\pm 1\%$  are quite achievable. Available in both semi-automatic and automatic models, the CVF system can be used for filling cans, jars, pouches, bags, and trays. The CVF can dose products into containers ranging from 120ml to 200 liters.



## Labeling

**Burt** roll-through labelers are the most modern, advanced systems available to the market today. These labeling systems are designed to handle all types of cylindrical containers such as tin, composite, aluminum cans, glass or plastic bottles, and jugs or jars. Burt labelers will handle containers from 45mm to 190mm in diameter with a height range of 40mm to 350mm. Burt labelers are designed for quick changeover to accommodate a variety of package sizes. Models are available for dedicated packaging lines where there is no changeover of container sizes. Production speeds of up to 1000 containers per minute are achievable.



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