



LIQUID DRUM FILLERS



Flexibility & Operating Efficiency

- Configured with scale, flow meter, positive displacement or piston
- Automatic top or bottom-up nozzle positioning
- Manual operation allows for smaller fill volumes
- Speeds up to 50 open drums per hour
- Stainless steel powered wash-down roller conveyors



Palletized Drum and Tote Filling System (ADF 5504)

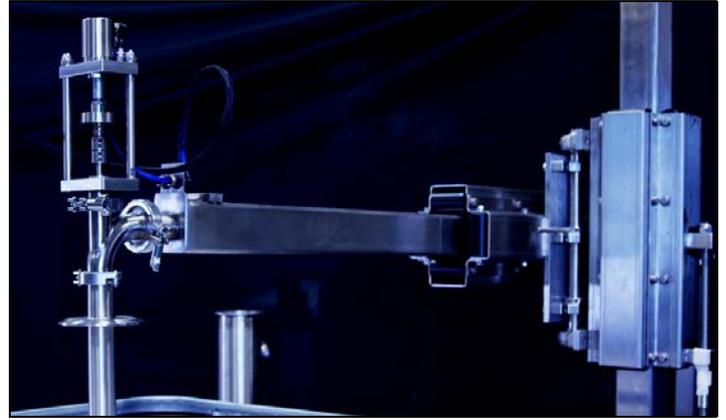
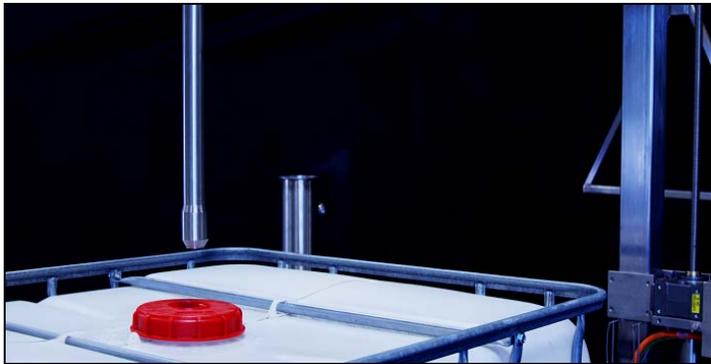
The portable Palletized Drum Filling System is a natural for filling drums and totes as well as carboys and 5 gallon pails. Virtually any container that can be palletized can be filled with this semi-automatic filler.

The highly efficient Pacific Packaging Modules deliver the product with precision accuracy at $\pm 0.15\%$ or better for most products. The unit shown above employs a Mettler Toledo weigh scale that communicates with an Allen Bradley PLC to provide production rates in excess of 60 drums per hour. Designs are available for both top fill and bottom-up fill applications.

The system is self contained and can be easily moved from pallet to pallet. The operator guides the nozzle into position over the container opening and initiates the cycle. The nozzle lowers and the fill starts automatically. Once the fill is complete the nozzle lifts and is ready for the next fill.

Options:

- Pump integration choices
- Variable-rate-of-flow control



Net Weight Drum Filling System (ADF 5500)

The single-station Net Weight Drum Filling Machine provides the most economical choice for drum production. The system is completely automatic and can fill any viscosity product at rates in excess of 50 "open" drums per hour.

The operator maintains a supply of drums at the infeed and removes the filled units after closures have been applied. An empty drum is indexed and, if necessary, oriented onto the scale platform. The filling nozzle descends to the bottom of the drum and begins to fill. A position encoder is employed to synchronize the nozzle ascent with that of the fill weight.

Standard Features:

- All stainless steel construction including rollers and drive components
- NEMA 4X enclosures
- Mettler Toledo Load Cell with NTEP-certified scale platforms
- Allen Bradley PLC with integrated Hardy scale controller
- 120 VAC / Single Phase / 60 Hertz operation

Options:

- User-specified scale systems
- Pump speed control to provide variable rate of product flow
- Nozzle designs
- Automatic drum orientation for closed-end containers