



Mateer 3800MLX Single-Head Servo Drive Automatic Filler

The Mateer 3800MLX automatic filling machine accurately fills a variety of products, including free-flow powders and granules and non-free-flow powders, liquids, creams, pastes, and slurries. This is an inline unit to which, after product testing to assess your needs, can be added a container lift and vibration; bottom-up fill; integral checkweigher feedback; a packing ring; even drip controls. It can also be made explosion proof.

The 3800 is also the beginning of equipment models that include a conveyor belt, adding the intricacies of upstream and downstream processes. PSA's experience in designing, engineering and building entire integrated packaging lines provides the big picture insight to assess and solve your unique challenges.

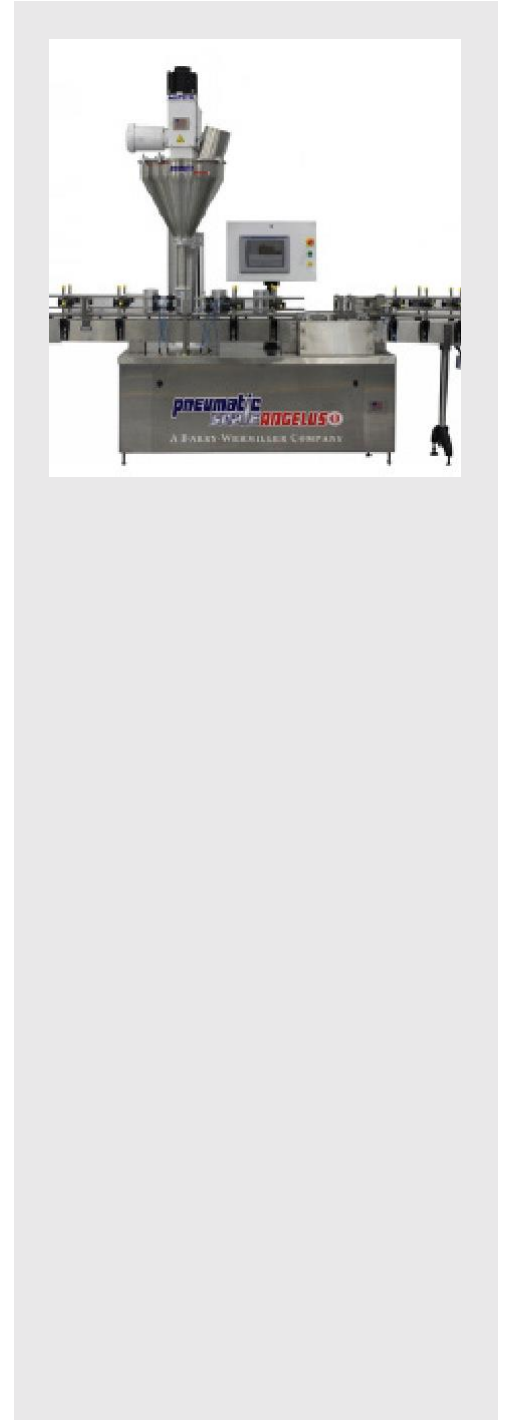
Key Advantages

- Direct-drive Servo motor provides more torque, greater efficiency and reliability
- Industry leading PLC controls and HMI (Human Machine Interface) enable operators to easily input, change and monitor filling parameters, maximizing speed and efficiency and keeping downtime to a minimum.
- Low maintenance design of the Servo motor (as compared to an electric motor) simplifies service and reduces unplanned downtime.
- PLC is programmed to operate at up to 1000 pulses per revolution for volumetric dry-product filling precision
- Base cabinet is clad in food-grade stainless steel with raised conveyor for easy cleanup
- Adjustable guide rails with indexing package feed round or non-round rigid containers
- Speed dependent on product and volume; rated for 20 CPM, on average
- Auger-height adjustment is outside of product zone and can be accomplished in seconds without interrupting line flow. This separation prevents workers from placing their hands inside the hopper, reducing the possibility of product contamination and increasing operator safety.
- Tool-free product changeovers can be done in as little as 10 minutes with a second set of change parts, minimizing equipment down-time

Available Features - Added According to Your Project Specifications

- Lift for packing and bottom-up fill work in conjunction. The container lift prevents blow up over the sides to minimize dust in filling. Bottom-up fill eliminates spillage and voids when filling a product such as peanut butter or spackling compound.
- Fully-integrated checkweigher with feedback and over/under weight reject ensures accuracy of every fill.

Contact your Pneumatic Scale Angelus Mateer sales representative for a complimentary product evaluation at our Clearwater, FL Mateer Test Lab!



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