

# 12X12 HEAD SERVO BASED PISTON FILLING MACHINE



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## Description

The horizontal servo volumetric piston is one of the most accurate and versatile type of filling system. It is suitable for handling a wide variety of semi-viscous and High Viscous products.

Volumetric piston is used when a consistent, accurate volume of product is desired. The Servo driven Piston filling feature allows the operator to adjust the fill volume via touch screen located on the operator interface, and comes with standard recipe, where you can create, copy, and recall. It is also capable of storing over multiple recipes and has the ability of profile filling using accurate.

Servo driven piston filling machines in order to be used for different filling applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc.

## Key Features

- 7" color touch screen with plc for various error message and control system
- Programmable for multi speed and profile filling cycles
- Fast product changeovers
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable servo control fill volume
- Synchronized variable speed control.
- All contact parts are ss-316/peek/PTFE/Teflon/Silicon and non-contact parts SS 304, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products.
- Piston-syringe size/volume is tailored as per requirement in fill volume.
- No bottle no filling system
- Smooth and accurate container handling
- 100% spillage/drip free
- CIP without open any contact parts
- Fully interlocked guarding for safety
- Designed for easy change-over and cleaning.
- Synchronized variable speed control.