Velcon Drum, Tote & Pail Filling Technology

www.intersystems.net
This subsurface model designed for filling 5 gallon pails incorporates the same great features provided with other Velcon filler models.

- Product level tracking system
- Built in safety features
- User friendly menu-driven system
- Recipe programming

The model 4S-55 is designed to provide accurate, subsurface liquid filling of palletized 55 gallon drums and totes.

With the ability to fill containers ranging from 5 gallon pails to 55 gallon drums and up to 72 inch totes, the 4S-55 is a must-have for efficient filling. The raise by weight system keeps the lance clean and eliminates foaming.

The top fill 4T-55 is available when foaming is not a consideration.

InterSystems offers a variety of Velcon filler models to suit most any application. All models are available in subsurface or top fill with single or dual lance arrangements. Stainless steel structural components are standard for each model. The models shown are available in other styles with options that customize your Velcon filler for your specific needs.
Single drum fill units are available for applications where less volume is required, providing a solution that can accommodate a smaller budget.

Common features among the top and subsurface fillers are the “No Drum No Fill” feature which prevents product spillage. Another feature is the dual ball valve system which allows for slow-fast-slow fill modes.

These fillers also allow for monitoring of flow rate, cycle time and net weight over/under fill.

The model ABP-55 has an automatic bung positioning feature. The unit sets the pace of production and provides a safe distance from fumes for the operator.

It incorporates an Allen Bradley PLC and HMI-based VFC1100 control system.

Other built-in safety features guarantee safe, clean and accurate filling.
Velcon, the originator of the “Fill by Weight” system, provides a unique programmable product level tracking system to minimize foaming, reduce drips and maintain a clean lance.

The VFC1100 is an Allen Bradley PLC-based solution. It is equipped with a UL, NTEP and CSA approved weight indicator, a Micrologix 1100 PLC and an Allen Bradley PanelView Plus 400 HMI LCD display.

The PLC is interfaced serially with an NTEP-approved digital weight indicator and through Ethernet IP to Allen Bradley PanelView Plus 400. The controller is housed in a 20” x 16” x 8” NEMA-4 mild steel enclosure or available stainless steel enclosure.

Intrinsically safe control packages for Class 1, Division 1 and Division 2 applications also available.

Combined with InterSystems roller or chain conveyors, a Velcon filling system will meet your all-inclusive needs. Turntables and right angle transfer conveyors can be added to complete the installation and provide automated container movement.