



Case History

Customer: Organon Teknika

Location: Durham, NC

Machine: LF1240S Continuous Motion Dual Filler and Stoppering System

Application: This LF1240S is used by Organon to fill glass and plastic 60cc vials and stopper with 20mm stoppers at speeds up to 350 vials per minute.

Organon manufactures and packages a media that is used to detect contaminants in drug products. They are primarily known for their work in neuromuscular block management, immunotherapy for superficial bladder cancer, infectious disease testing, along with bacterial and nucleic acid testing.



Features

Dual Fill Station Track with 20 Fill Heads

Dual Stoppering Heads Fed From Common Hopper

Operates in Bypass Mode and Purge Mode

This new packaging system is replacing a Cozzoli VR840 that has been running faithfully since 1968. Organon wanted to take advantage of their existing inventory of Cozzoli valves and syringes, so this machine was designed to accommodate these existing parts. An auxiliary peristaltic pump fill system will also be used on this machine for a two-part slurry fill on certain products – one part filled via the peristaltic pump system, then the second part using Cozzoli syringes.



DUAL LANE CONVEYOR CONFIGURATION
Shown above, nozzle centering cones provide stability to Organon's tall, skinny glass & plastic vials.



Case History, Continued

In July of 2001, Organon merged with bioMerieux, based in Marcy-'Etoile, France. BioMerieux is a major player in the field of in vitro infectious disease diagnostics and they design, develop, manufacture and market reagents for medical, cosmetic, agri-food and pharmaceutical industries. Find out more information on this company: www.organonteknika.com.

Dual Stoppering Heads



This machine is equipped with an Allen Bradley SLC 504 PLC with extra I/O capacity and a Panel View display. With this PLC upgrade, the machine is capable of multiple recipe screens and running the second peristaltic filler for the two-stage fill.

The prime mode for pistons and peristaltic runs the filler, but not conveyor. The nozzle carrier has positions for 10 pre-fill stations on each lane to provide for two part fills.

Additional Features



Down Vial Eliminator

Electronic Fill Volume Adjustment

Stopper Track Make Up Sensors

Missing Vial and Stopper Detectors

Full Length Feedscrews

Twin Conveyors with 1 Common Drive



For more information on this or other similar equipment, contact the Cozzoli Machine Company Sales Department phone: 732-564-0400, fax 732-564-0444, email sales@cozzoli.com, or visit our website: www.cozzoli.com.