

JETTUNNEL[™]

POUCH DRYING SYSTEM

The JetTunnel[™] Pouch Drying System is specifically designed to dry the entirety of flexible pouch packages.

This system includes an integrated conveyor, dynamic hold-down, and full-featured controls. It can dry entire pouches - including gussets, spouts, and caps - prior to labeling, inspection, coding, sleeving, secondary packaging, and more. It is powered by JetAir high-speed centrifugal blowers, which deliver clean, filtered air to remove excess moisture, powder, or debris. The JetTunnel[™] Pouch Drying System is custom designed to handle the widest range of pouch shapes and sizes and line speeds. It easily integrates into existing packaging lines and is compatible with all plant control networks. Standard and custom systems are available.



System Features

SYSTEM HIGHLIGHTS

- Dries entire pouch, including gussets, spouts, and caps
- High-speed, energy efficient DirectDrive[™] blower housed in integrated wash-down enclosure
 - Blower is optimized for higher energy efficiency & reduced footprint
 - Blower is belt- and tensioner-free
- Integrated material handling
 - Integrated transport conveyor
 - Orients and protects packaging during drying
- Customized to line speed and pouch sizes & geometries
- Clean, filtered air stream directed by application-specific air components
- Coalescing inlet air filter (HEPA available)
- Custom guide rails included

CONTROLS

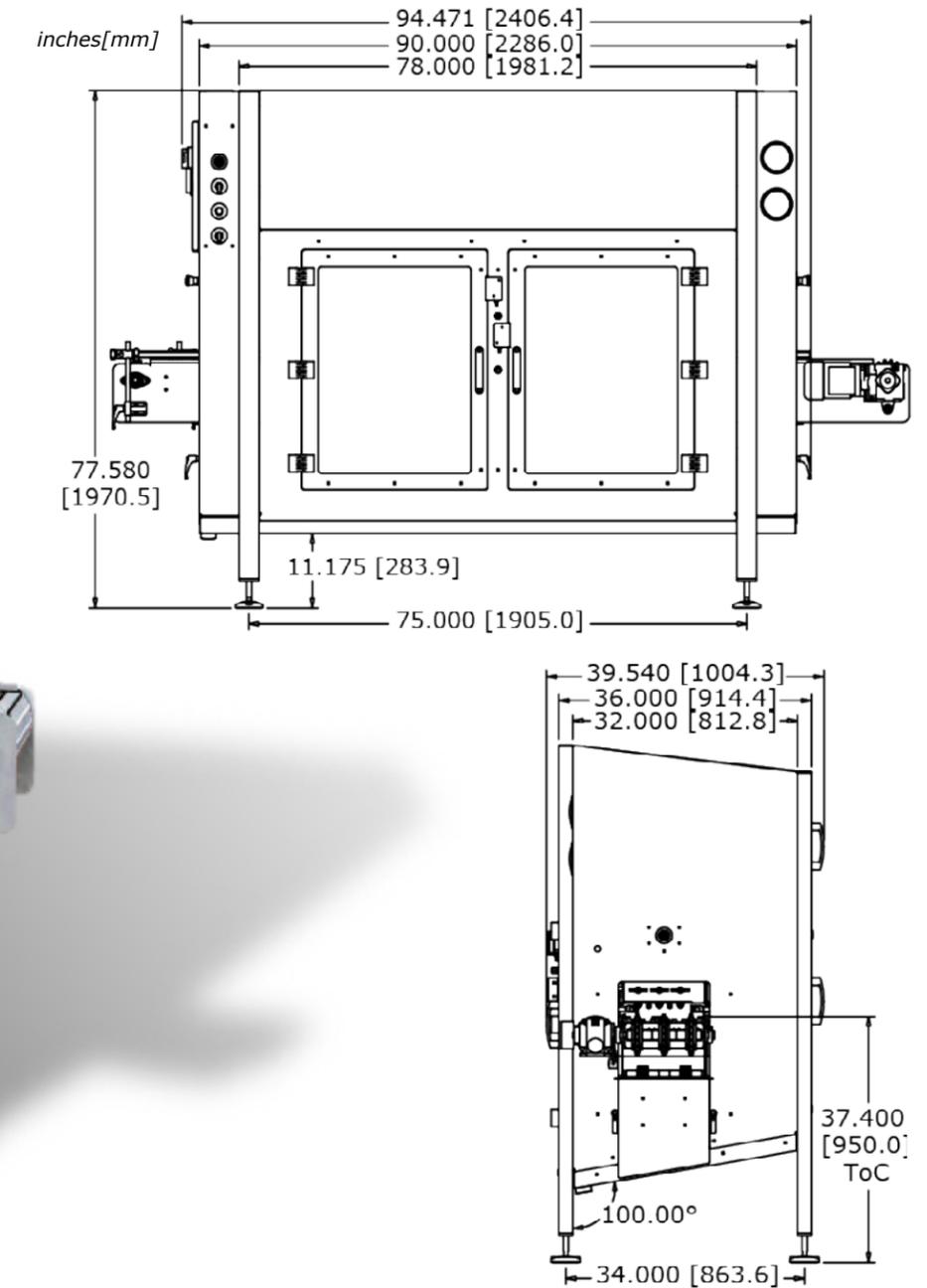
- Allen-Bradley Variable Frequency Drive standard (all VFD brands available)
- LOTO line power fused disconnect
- Operator-friendly interface
- UL508, cUL, CE standards
 - CAT 3-4/PLd-e available
- OMAC PackML compliant
- Electrical Panel NEMA4/IP66
- Plant network and control scheme integration

MAINTENANCE

- Washdown Stainless Steel 304
- Double-walled construction for low noise
 - Sound attenuation
- Removable, sloped collection pan for easy installation, water/debris capture, & fast cleaning
- Lift-off panel for easy maintenance
- Heavy-duty door with large vision window for conveyor & air component access
- Stainless steel threaded levelers for 5" vertical adjustment
- Integrated lifting eyes for easy installation
- Minimal spare parts



System Dimensions



Optional Features

- Clean In Place (CIP)
- Emergency glass shard protection
- Door interlocks
- Product detection sensor
- HEPA blower outlet filter assembly
- Multi-point adjustment changeover



System Infeed

