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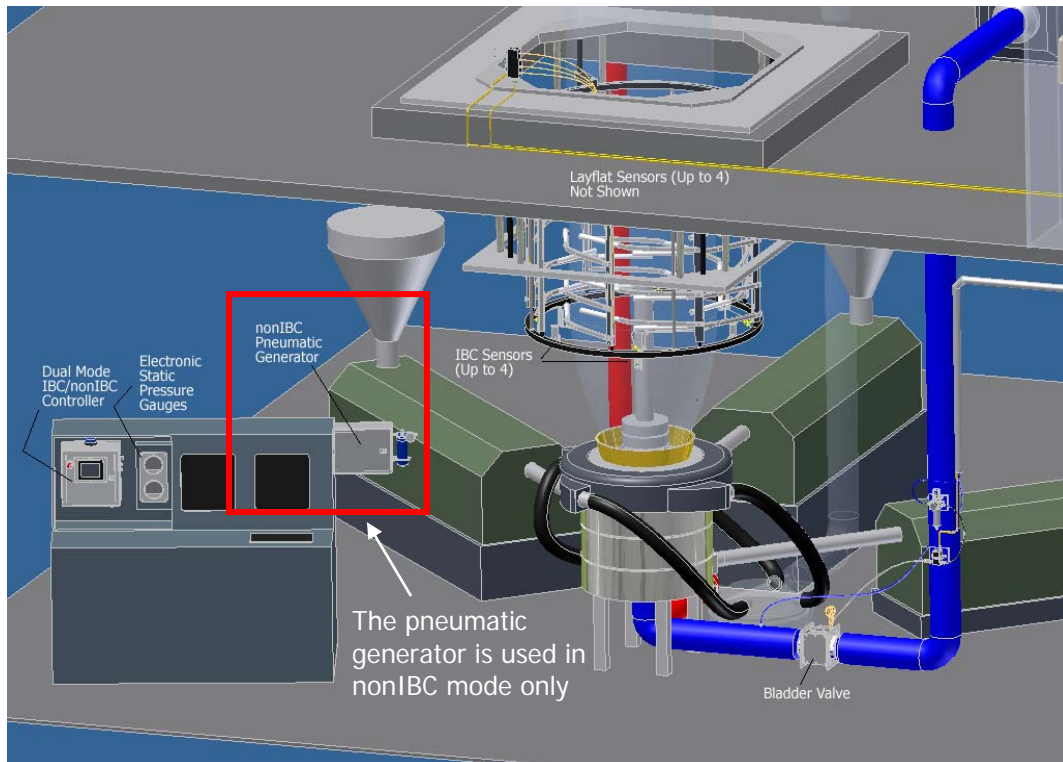
New Dual Mode ISIBC1[®] NON-CONTACT IBC & nonIBC CONTROL SYSTEM



Two Systems in One! - IBC Control Systems Now Support nonIBC Control

D. R. Joseph, Inc. announces the ability for the 3GIBC1 control systems to also support the LF-Sizer product capability. This is an important feature for customers who either run both an IBC and nonIBC die on the same extrusion line or for customers who have certain products where the inner layer is disturbed by internal cooling. Previously, customers would either run the nonIBC configuration without width control or they would be required to purchase a second nonIBC control system. Now, customers can touch a button on the touch screen to change the system from IBC control to nonIBC control. This dual mode configuration is significantly cheaper than having two types of control systems.

For over 22 years, D.R. Joseph, Inc. has been supplying the blown film industry with the most advanced Internal Bubble Cooling (IBC) control systems on the market. D.R. Joseph, Inc. understands how important it is to protect your substantial investment in your blown film extrusion line by supplying the most comprehensive IBC control system. The IBC control system is considered one of the most critical components of any blown film line. A good IBC control system manages the bubble by providing high production outputs and bubble stability resulting in higher profits by managing resin costs more efficiently. Good width control reduces material and energy waste.



3rd Generation IS-IBC1 & nonIBC Control

Built-in support for nonIBC control requires only a nonIBC Pneumatic Control box to be added to the system. The dual mode 3rd Generation system now comes standard with a 6" TFT color touch screen, patented automatic blower balance, patented bladder valve, patented layflat control, patented cage control and electronic pressure Magnehelics which support the new automatic valve calibration system (patent pending). Flexible configurations are available regardless of the space on your extrusion line including a small remote control station for lines with very little available space.

Customizable Features

nonIBC Mode: add the DRJ or Kundig pneumatic generator boxes and the system can control a nonIBC line with a push of a button. Separate controls allow both control modes to be maintained independently. In other words, when you switch modes, the tuning for IBC mode is independent from the tuning for nonIBC mode.

Multiple Sensors: Add 1-2 additional IBC sensors to the included (2) IBC sensors.

Layflat Control: Provides instant readout of actual layflat from 2-4 layflat sensors mounted on top of the sizing cage.

Automatic Cage Controller:

Allows operator to enter the desired layflat and continue with other setup issues while the IBC system automatically sizes the cage and the bubble.

External Flat Width Device

Inputs: Incorporate a layflat reading from any external layflat width device such as a Kundig layflat bar or edge guide units with layflat capability.

Configurable Beacon Alarm:

Allows either faults or configuration errors to turn on the flashing beacon.

Integration Enhancements:

Data integration through five built in protocols (Modbus RTU, Modbus ASCII, Modbus TCP, Modbus UDP, or Kundig PCD.2) Custom protocols also available.

Standard Features

- Automatic Valve Calibration
- Remote Diagnostics Capability
- Bubble Break Detector
- Layflat Deviation Alarm
- Remote Control Operation
- Multiple Monitoring Points