

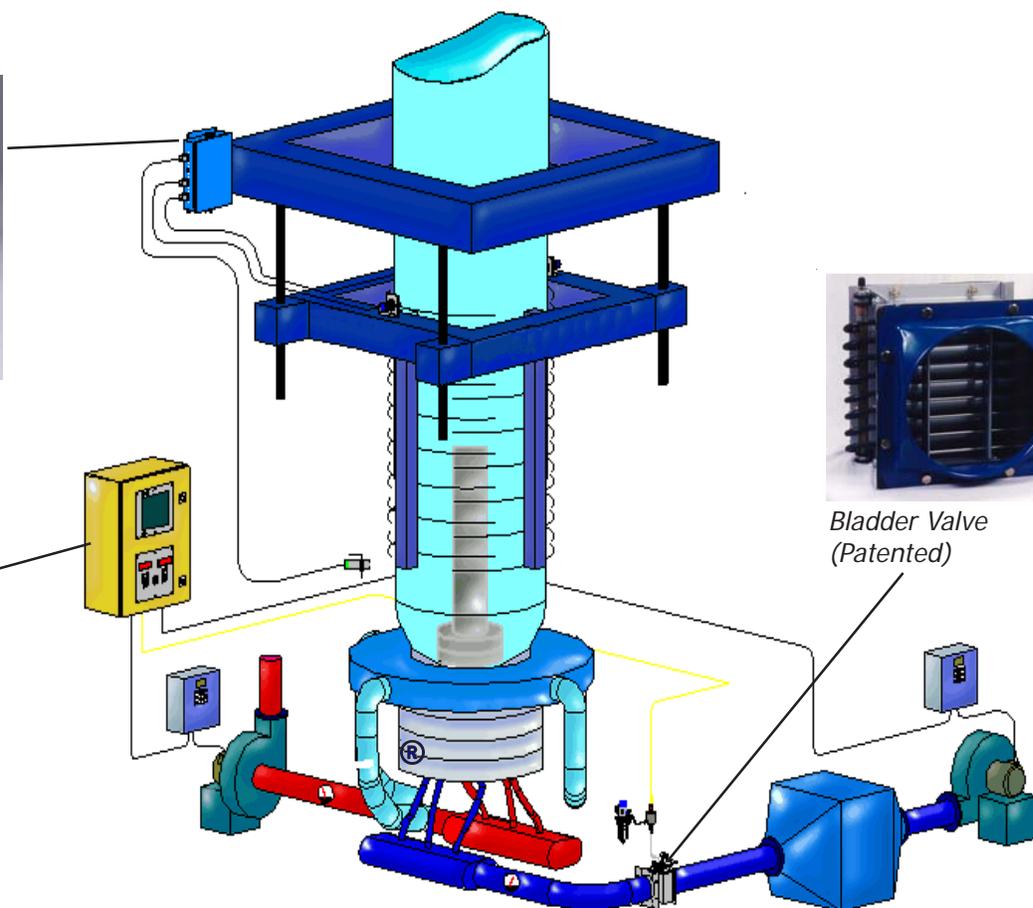
IS-IBC1 NON-CONTACT INTERNAL BUBBLE COOLING CONTROL SYSTEM - HIGH OUTPUT



Position Processor with next generation ultrasonic sensor technology



IS-IBC1[®] Main Controller



Bladder Valve (Patented)

IBC Control Systems

D.R. Joseph, Inc. provides the blown film industry with the latest in Internal Bubble Cooling (IBC) control and bubble stability technologies. Basic systems to fully automated systems are available for virtually any new or existing die that is drilled for IBC.

Learn more: www.drj1.com/Std_IBC.htm

The patented IS-IBC1[®] system can improve production rates 25-40% when going from non-IBC to an IBC system, and 8-15% over competing IBC systems. The IS-IBC1[®] has the capability to provide +/- 1/8" (3mm) total layflat variation.

Performance and Benefits

- ⊙ Automated Start-up and Easy Sizing
- ⊙ Improved Rate and Quality
- ⊙ Payback in 12 Months or Less
- ⊙ User-Friendly System
- ⊙ Reliable Operation
- ⊙ Operating Costs Reduced
- ⊙ Higher Yield
- ⊙ Highest Up-time
- ⊙ Excellent Customer Care

Customizable Features

Each system is customized to fit your line and can include:

Automatic Blower Balance (Patented)

This feature frees the operator from the difficult task of balancing inlet and outlet blowers and reduces startup time.

Learn more: www.drj1.com/ABInfo.htm

Multiple Sensors

Add 1-3 ultrasonic sensors to work in conjunction with the main IS-IBC1 sensor. Multiple sensors are recommended for bubbles with layflat ranges larger than 100", applications with rotating dies, or applications where the bubble is not supported by the sizing cage.

Color Touch Screen Controls

Process trending, context sensitive help and system setup tutors help operators learn the IBC system quickly.

Layflat Controller (Patented)

Provides an instant readout of the actual layflat eliminating the need to wait for the film to reach the winder. Reduces the time required to get the bubble on size and helps reduce layflat changes from long term process variations.

Learn more: www.drj1.com/LFControl.htm

Automatic Cage Control (Patent pending)

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

Learn more: www.drj1.com/AutoCage.htm

Standard Features

Bubble Break Detector

Adds the ability to control or stop external devices when the bubble is no longer sensed.

Remote Diagnostics Capability

The IS-IBC1 is equipped with remote diagnostics capability. Remote diagnostics is provided by DRJ at no additional charge during the warranty period.

Field Upgradeable

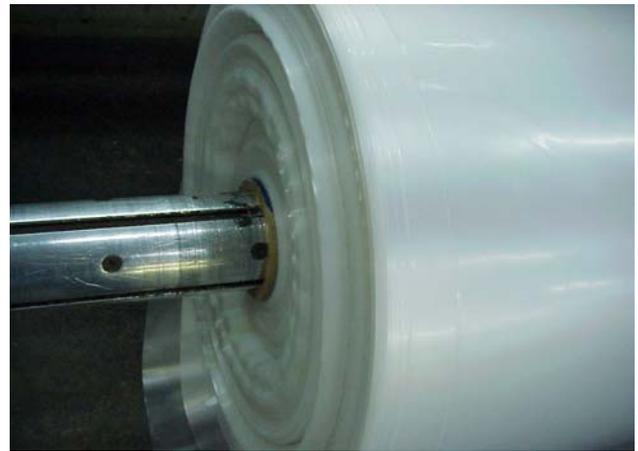
The IS-IBC1 system has been designed so even the earliest systems can be upgraded to include the latest features and options.

Easily Retrofitted

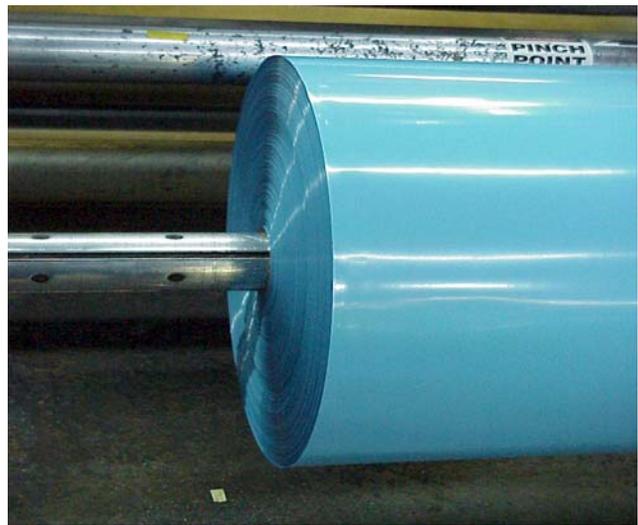
The IS-IBC1 can easily be retrofitted to any blown film die that is drilled for IBC or replace any existing IBC system.

Improve your image

Go from this...



To this!



World Wide Technical and Customer Support

Our network of trained independent technicians provide support to our customers all over the world. Countries with local technicians currently include: United States, Canada, England, Belgium, Japan, Germany, New Zealand, and Italy.

Learn more: www.drj1.com/vendors.htm

Specifications

Power Requirements:

100-240VAC +/- 10%, 47-63 Hz, 5A

Pneumatic Requirements:

Compressed air regulated to 30 psi, dried (instrument grade), filtered to 20 microns

Operating Environment:

Temperature - 32° to 140° F (0° to 60° C)

Relative Humidity - 0 to 90% non-condensing

D. R. Joseph

INCORPORATED

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When You Need Solutions...Not Just Answers®