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Press Release

D.R. Joseph Showing New Blown Film Tech at K 2019

Arlington, TX, August 28, 2019:

Situated in the American Pavilion in Hall 13, DRJ will have on display their latest developments in industry leading bubble control products.

Specifying the DRJ 3G-IBC on new lines, or retrofitting existing lines is a great way to improve the layflat tolerance and increase cooling rates for higher production rates on a blown film line. Smart automated features save time, maximize production time and efficiently manage the bubble to increase the lines performance. DRJ will be at K Show 2019 in Hall 13, Stand B91-26 to discuss the new system features and benefits. Additionally, the latest IBC system will be in operation on blown film lines at two locations: Hall 15, B21 *Kung Hsing Plastic Machinery Co.* and also at Hall 16, D55 *Lung Meng Machinery Co.*



DRJ is continuously improving the system with new features that make sense on the shop floor. A quick look at what is new to be discussed at the DRJ stand at K2019:

Automatic Layflat Calibration

Automatic Layflat Calibration (ALC) is a new feature for the DRJ IBC Control System and nonIBC Width Controller that utilizes a flat width measurement device placed near the winder to automatically calibrate and compensate for film stretch and shrink as it makes its way down the tower. A host of factors cause varying degrees of stretch and shrink which effect the width as it is wound: utilizing ALC is the next step in providing customers with ultra-precise layflat tolerances, simplifying width management operations via automation and improving user safety.



For production where job orders change often, ALC speeds up job change time, and improves long term accuracy.

For Immediate Release

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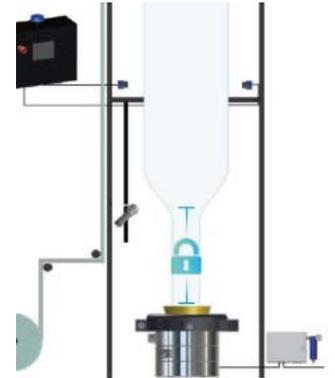
Larger Touch Screens for DRJ Systems

IBC control systems and nonIBC width control systems will be shipping standard with a larger HMI touch screens. IBC standard will now be 7.5 in. (190mm), and LF-Sizer 6 in. (152mm) for better visibility.

Neck Height Control for HDPE/MDPE High Stalk Bubbles

Neck height variance on high stalk bubbles correlates to a variance in dart impact properties. As process conditions (such as ambient temperature) change, so too will the neck height resulting in off spec dart impact and layflat. DRJ has solved the issue of drifting neck height with the new Neck Height Control feature available to integrate with DRJ width control systems.

An ultrasonic sensor is integrated that faces the bottom of the bubble flare to measure neck height, then maintains neck height by automatically regulating air ring blower speed.



D.R. Joseph Now the USA Representative for Eurochiller

As the N. American rep for Eurochiller, DRJ now provides sales and service for Eurochiller's cutting edge air cooling solutions. In addition to high quality cooling coils, DRJ can now offer the latest Eurochiller ABF Evo Inverter: a stand-alone (no chilled water supply necessary) direct air cooling system. The ABF Evo boasts a (+/-) 0.18°F (0.1°C) temperature control, commonly used for air ring and IBC cooling air supply. Beyond a reduction in cooling costs, this precision improves accuracy and stability of IBC systems and Air Rings, while improving film quality.



Seal-Cut Fault Diagnostics Features

Troubleshooting fault issues related to DRJ's machine direction sealing solution has become easier: a new firmware update now includes a fault detection feature which points users to the physical location of the fault and potential issues causing the fault for easy detection and resolution.

DRJ is looking forward to sharing how these new developments and more can work for users on the factory floor. For more details on these solutions, please stop by the DRJ Stand at Hall 13, Stand B91-26 in the USA pavilion.