

D.R. Joseph Blown Film Lab and Seminar Center



The DRJ Blown Film Lab is a versatile training and R&D environment, which houses a 3 layer blown film line, accompanied by a variety of state of the art quality assurance equipment. DRJ offers the lab space and equipment for rent to customers interested in R&D development on a economical scale, avoiding the costs related to full size production testing. All equipment is separately metered, and conveniently maintained on an isolated, secure server. As a seminar venue, the lab can comfortably seat 20 attendees. The DRJ Blown Film Lab is an ideal setting for:

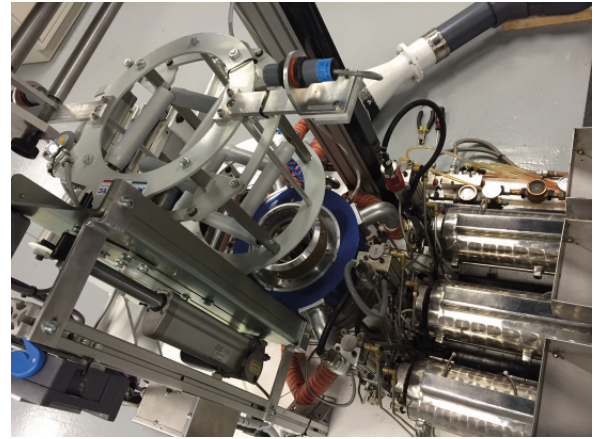
- Technical Seminars
- Operator or Technician Training
- Product Development and Testing
- Short Prototype Runs

Our 3 layer line features:

- 20mm, 30:1, Barrier Screws with Water Cooled Feed Throats
- 50mm 3 Layer Die
- Dual Lip Air Ring
- Chilled Air with Integrated Temp. Control
- Independent Feed Throat Water Temperature Control
- Soft Roller Sizing Cage with controlled Diameter and Height Adjustment
- Oscillating Haul-off
- Web Width Measurement Integrated into the nonIBC Control System

The QC equipment includes:

- Offline Thickness Measurement
- Tensile and Peel strength Testing (Includes Seal Tear Strength Testing)
- Elmendorf Tear Testing
- Dart Impact Testing
- Haze/Gloss and Transmission Testing
- Coefficient of Friction Testing
- Color Spectrography
- Burst Tester (2 types)
- FLIR Infrared Camera
- Fiber Optic Inspection Camera
- Oven for Heating Samples



The 3 layer blown film line has a max production rate of 20 pounds per hour. The maximum web width that can be produced on the line is 225mm layflat. The die gap is 2mm, and can be changed to 1.5mm or 1mm on request. A guided winder for tubing only is integrated with the line.

For rental inquiries, contact us at drjlab@drjosephinc.com

Additionally, check out the DRJ Events Page at www.drjosephinc.com to sign up for any of the planned seminars hosted at DRJ Labs throughout the year.

