

BR-1600 Banbury® Mixer
(with Advise ES Mixer Software)



Overview: A new BR1600 Banbury® Mixer has just been commissioned and is available for demonstration in the HF MIXING GROUP / FARREL POMINI Laboratory & Customer Demonstration Facility in Oxford, Connecticut USA. The ASTM certified mixer is equipped with the latest mixer control and data acquisition & management software. In support of the mixer is a 6" x 13" roll mill for post-mixer sheeting of the product.

The BR1600 is equipped with:

- Advise ES Mixer Control & Data Acquisition software
- ASTM 3182 certified standard laboratory mixing chamber
- 2-wing standard rotors
- 3-zone water based temperature control system for independent control of the metal temperature of the rotors, sides and door top
- 40 HP (35 kW) variable frequency AC motor & drive and a gear reduction set resulting in a rotor friction ratio of 1.125:1 and a fast rotor speed range from 20 to 225 RPM
- Dust/fume enclosure for connection to an extraction system
- Integral safety drop pan
- Pneumatic air cylinder for ram movement and pressurization
- Operator interface panel
- Remote work station for recipe management and analysis



Advantages of this technology include:

- Full capability mixer control, recipe and data management system
- Multiple mixer recipe management and data acquisition capability
- Multiple input data capability from production mixers for comparative analysis
- Advise ES is full extendable to multiple lab or production mixing lines

Applications:

All laboratory and low production high intensity requirements rubber and plastic batch mixing applications. Specific applications include:

- Compound development
- Raw materials analysis
- Raw materials quality control documentation
- Mixing procedure development
- Training
- Production mixing of low volume special rubber & plastic products

For trials, demonstrations or more information, please contact:

www.farrel-pomini.com/contact or mixing@hf-group.com

