



**FARR APC**  
*Air Pollution Control*

Case Study

## Gold Series Makes Impression in Foam Seat Mold Process

**Product:** Gold Series  
**Size:** GS12 & GS16  
**Application:** Foam From Automotive Seat Molds  
**Customer:** Bridgestone APM Company - Dickson, TN  
**Representative:** Airsystem Sales, Inc.

### Challenge

Bridgestone APM specializes in the design, development and manufacture of vibration isolation, energy adsorbing pads and foam seating components for the automotive industry. Expanding their foam products division with a new facility in Dickson, TN prompted them to find a dust collector supplier. Using the Internet, they contacted our sales rep, Bob Hash of Airsystem Sales, through his web site. This would be a tough application as the material to be captured would consist of dry foam fines, slivers, balls and chunks.

### Solution

Before meeting with the customer, Bob called John Dauber, Farr's central regional manager. For reference, they reviewed a Gold Series installation at a similar plant up north. Bob then visited Bridgestone APM's new site and saw that they had two separate production lines set up. In both cases, several molds would go around on a conveyor



line where liquid foam would be poured at one point. After going through a curing process, the formed foam pieces would be manually picked out of the molds. This is where the molds would be cleaned out, generating the dust.

Bob quoted and sold a GS12 and a GS16 to handle 7,727 CFM and 4,373 CFM, respectively. Hoods ducted to the collectors were installed over the molds in the cleaning area. Wide-pleat, carbon impregnated PTCW cartridges with overbags were installed to keep the different sized foam pieces from sticking to them. The sizing and product selections turned into a winning combination. Both units have been running great since they were installed in April 2004, and Bridgestone APM is pleased with their performance.



*For further information regarding this application, contact Bob Hash of Airsystem Sales at 615-373-0039.*