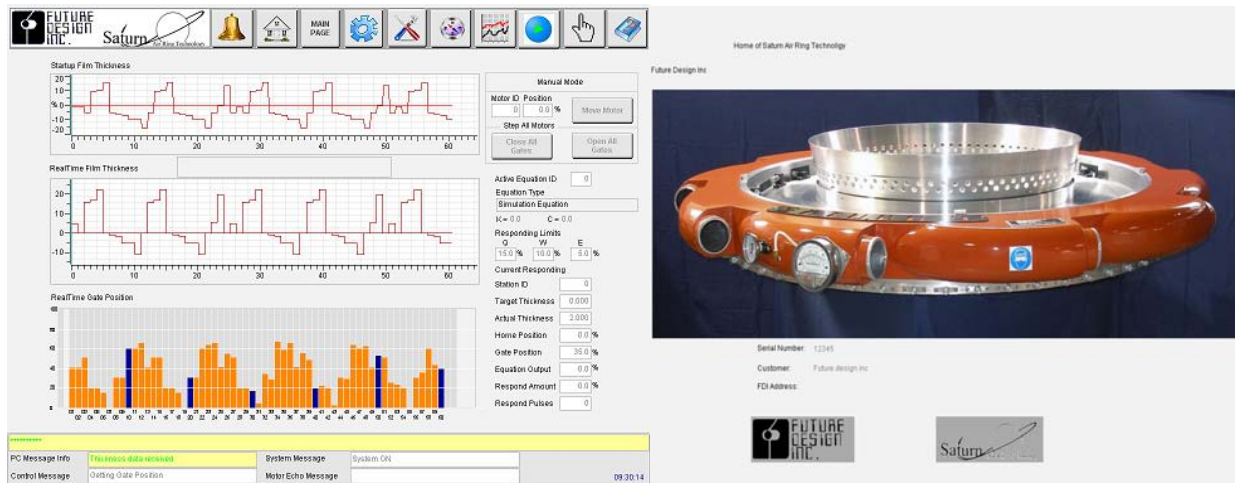


## Saturn **PERFECT BALANCE FULLY AUTOMATED** Air Ring

*Saturn Air Ring Technology™ the air rings that began a revolution in 1978 introduces the future generation of air rings for blown film. With a history of superior design, the proven performance Saturn air ring will meet and match the exact characteristics of any polymer.*

**This system delivers segmented airflow to calculated circumferential areas. This effective thickness improvement system will offer simplicity to state-of-the-art visualization by giving the highest operational reliability. The Perfect Balance Automated ring allows controlled manipulation to increase any low areas to improve yield of a high quality film.**



### Benefits

- Will incorporate gauging system from various OEMs
- The automated system can be incorporated into an existing Perfect Balance Manual air ring
- Design will accept oscillating and rotating dies
- Achieve gauge variations of + - 3%
- Improve width control and bubble stability
- Improve frost line height control
- Achieve faster running speeds
- Improve roll geometry
- Quality running of low-melt strength materials
- Ease of operation, enhance your product quality and cost effectiveness.
- Improve running of unique polymer blends, off-spec or wide-spec materials and reprocessed resins

### Design

- This design will maximize the cooling rate and utilize maximum blower efficiency with proven gauge deviation reduction.
- The extended height geometry of the Bubble Cone controls bubble stability and maximizes airflow control. The Adjustable Chimney also allows customized control of the airflow through the gate.
- The Forming Cone of the Maximizer Plus has been redesigned to provide the exact balance of volume and velocity required to process the widest range of polymers.
- Profiler based on segments installed as an integral part of the air ring.
- Airflow to the segments is integrated from the main chamber supply.

For more information regarding the **Saturn Perfect Balance Automated** air ring, contact our sales staff.

*Future Design Inc.*