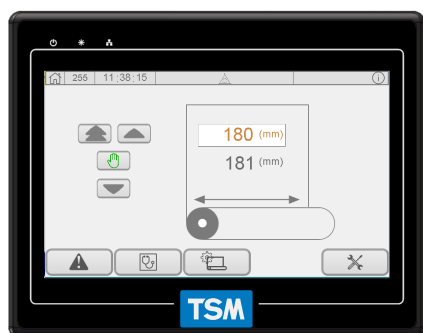
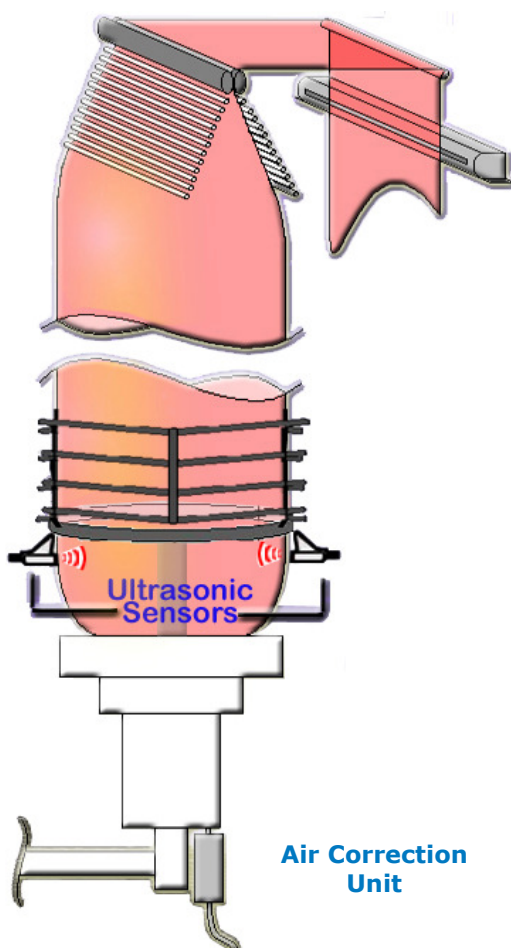


WIDTHCONTROL



**Operator Touch
Screen**



**Air Correction
Unit**

Benefits

- Scrap Reduction
- Improved Product Quality
- Increased Yield
- Reduce Start-up and Order Change Times

Features

- Simple to install and operate
- Ultrasonic Width Measurement
- Suitable for all film types and color
- Displays instantaneous and average width
- Measures 0 - 400"
- Measurement resolution 0.01"
- Display resolution 0.1"
- Automatic monitor and Failsafe Alarms
- Readily expandable and upgradeable

The TSM Automatic **Width Control** System gives customers the ability to maintain a specific bubble size during normal operation. The system is ideal for managing on-the-fly size changes, reducing the time it takes to get the bubble on size and minimizing changes in layflat due to temperature conditions or film stretch.

Three ultrasonic sensors are positioned equidistant around the circumference of the bubble, situated just above the frost line, to measure the bubble diameter. A fourth reference sensor is used for automatic temperature compensation.

A compressed-air operated correction unit is used introduce or extract air to or from the bubble to control the width to the target setpoint. For fully rotating dies, an optional air compressor in conjunction with a radio transmitter and receiver is used.

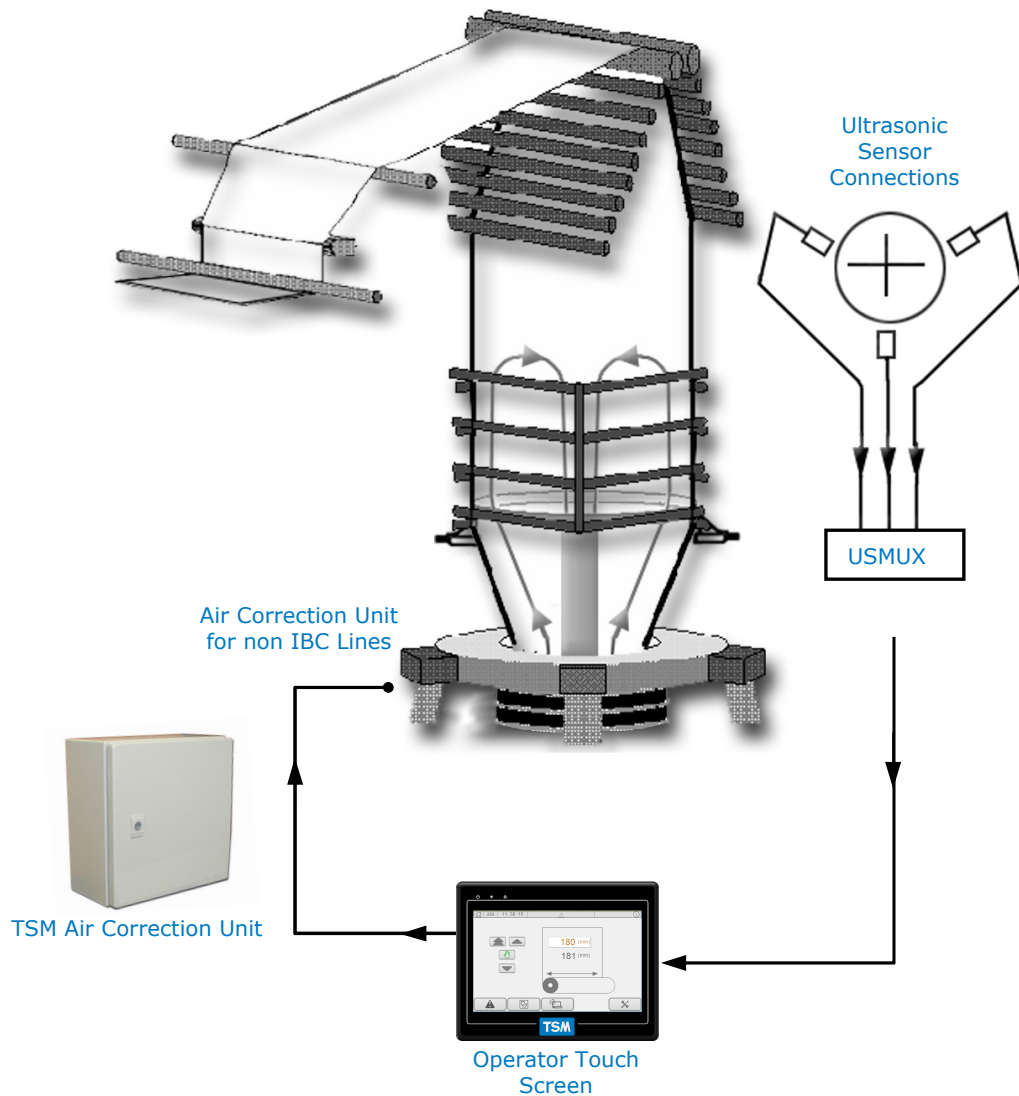
WIDTHCONTROL

OPTIONAL COMMUNICATIONS PROTOCOLS

- Ethernet IP (Allen Bradley)
- ModBus TCP
- ProfiNet

FURTHER OPTIONS

- Remote width readout module
- Radio control compressor unit for fully rotating dies



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