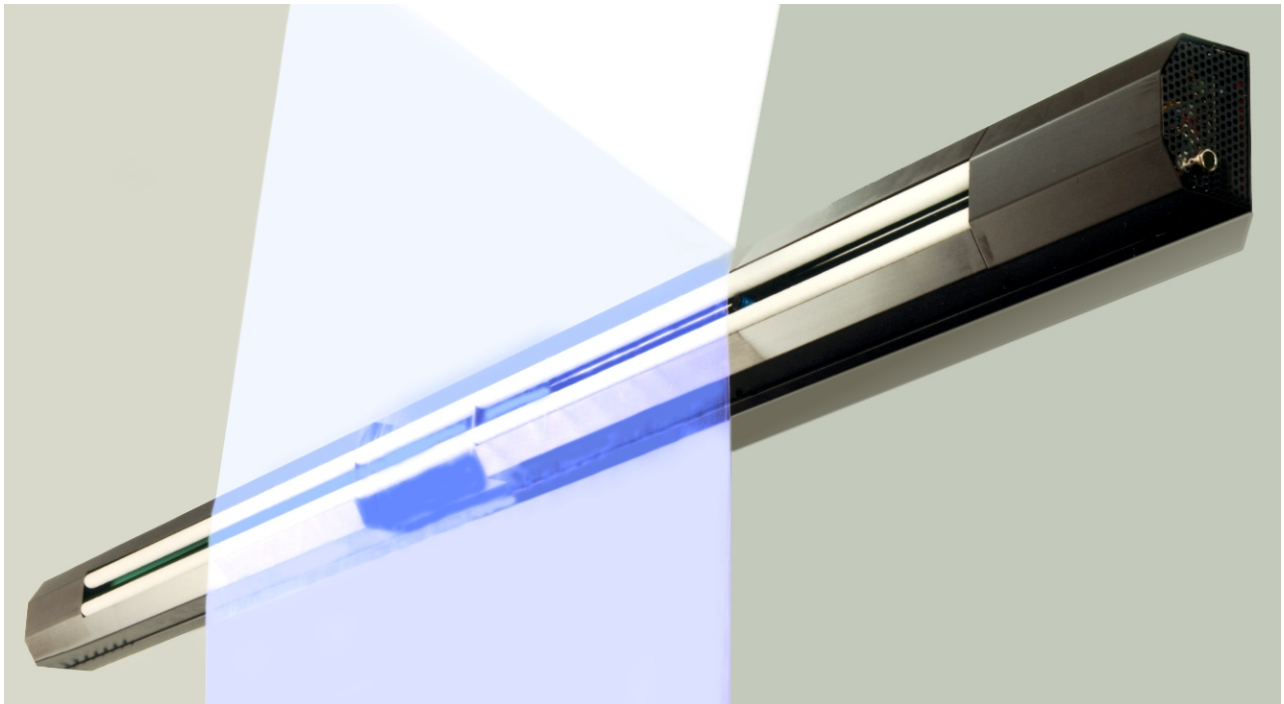


WIDTH MEASUREMENT AND CONTROL SYSTEM
FOR BLOWN FILM EXTRUSION LINES

WIDTH-CON

AS AN OPTION TO GT3, GDC AND ACS SYSTEMS



QUALITY IMPROVEMENT FROM CONSTANT FILM WIDTH

Designed to measure and/or control the layflat width of blown film the **WIDTH-CON** can be integrated as an option in **PLAST-CONTROL** system types **GT3**, **GDC** and **ACS**.

The **WIDTH-CON** measuring bar is positioned after the haul-off system on the flat tube. Teflon rollers guide the film over the scanner ensuring that the film is not marked or scratched by the width measurement system.

Scanning units located on each side of the flat tube are equipped with IR (Infrared) sensors which are driven on linear bearings by stepper motors.

As the sensors independently follow the film edge, encoders translate the movement of each sensor into a signal that is converted to the actual width of the film. The measurement is displayed either on a color monitor or a LCD display.

WIDTH-CON is available as a measurement only or measurement and control system. In automatic measurement and control mode width is controlled by comparing the measured to a target width value. Control of the width is carried out by either adjusting the diameter of the calibration basket (in case of IBC) or through an inflation control unit on non IBC lines.

ADVANTAGES

- Constant Film Width
- Fast Order Change time when adjustment to the width is required
- Reduction of trim scrap rates
- System is independent of color or transparency of the film
- The system can be used for retrofit or new Blown Film Lines

OPTIONS

- Width Measurement System
- Width Measurement and Control System
- Measurement of Gusseted Layflat
- Air Control unit for lines without IBC assisted bubbles

SYSTEM COMPONENTS

- Two standard scanner per system: Type 500 1000 mm (39") Width Measurement range
Type 750 1500 mm (59") Width Measurement range
Type 900 1800 mm (70") Width Measurement range
- Spacers define the Minimum and the Maximum layflat range
- Computer with Serial interface to the Width Scanner
- Width Processor is connected to the main System by an industrial network

