

PRODUCT OVERVIEW

PRO-CON DUO PROFILE CONTROL SYSTEM

Points of Interest:

Advanced profile measurement and control technology.

Available for both GDC N and ACS system platforms.

Full conversion of existing PRO-CON Magicflow air ring.

Up to 30% increase of output compared to standard MAGICFLOW air ring.

Significant Increase in film Strength .

Reduction in blend complexity.

Fewer bubble breaks.

Fully compatible with all PLAST-CONTROL Products.

Extensive warranty and technical support.



Development of MAGIFLOW air ring design not only advanced the performance of air ring design in terms of cooling efficiency and bubble stability but also improved profile control and reduced the amount of operator adjustment required to produce high quality films at high outputs.

After extensive development we have now launched a feature to the Magicflow based air ring system -Magicflow Duo.

The Duo version utilises a primary air ring designed to stabilise the film prior to it entering the Magicflow PRO-CON. The unique design allows the film to orientate in length direction without any initial transverse expansion.

This design does not restrict the B.U.R (Blow up ratio) range and has several advantages. The zero transverse expansion increases film strength like for like giving scope to produce some co extruded films on mono lines and complexity of film blend can also be reduced. Downtime for die cleans is also less due to the film being more tolerant to drop outs and wax.

Machine and product permitting the system also increases machine output by up to 30% above that of the standard Magicflow design.

For ease of use the PRO-CON Magicflow is also fitted with an electrical lifter to raise and lower the air ring for machine start up and maintenance



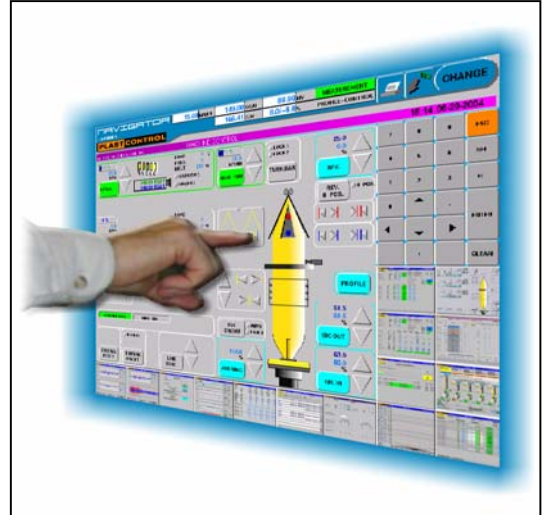
Easy to use Software with single push button operation

If you are a user of PLAST-CONTROL systems you will appreciate that they are easy to use and manage, with simple push button layout via an industrial quality touch screen system. Information is displayed through easy to read and understand screen displays.

PRO-CONs superb clear screens means that even sophisticated profile control systems can be used by all levels of operators and in any operating conditions.

PRO-CON is completely automatic, with no manual valves for the operator to adjust. The system will adjust to suit process conditions and product types without the need for calibration procedures or control set-up.

When more advanced data is required for quality control or customer information, then several sophisticated reporting packages and connection to our PCC central reporting system can be purchased.



On-line Profile measurement systems.



The PRO-CON system can be adapted to suit most types of dies and air ring configuration.

Die size range accommodated from 100 mm to 1400 mm (depending on specification) .



The profile measurement system can be mounted either on our range of rotational scanners for a maximum bubble diameter 6.8 M or fixed within the collapsing frame.



We have a thickness gauging systems for all applications including fixed capacitive head for standard films, diamond like coating for aggressive materials, rotating c-head measurement head for surface sensitive films and for non contact application our C-SCAN true non contact capacitive system mounted after nips.

For further information or quotation please contact us at the UK address.

UK Office:
Unit 17 Leeward Road,
Ashton,
Preston,
Lancashire,

Phone: 0044 (0)1772 769963
Fax: 0044 (0)1772 736357
Web: www.plastcontrol.co.uk
E-Mail: admin@plastcontrol.co.uk

