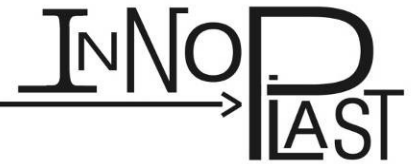
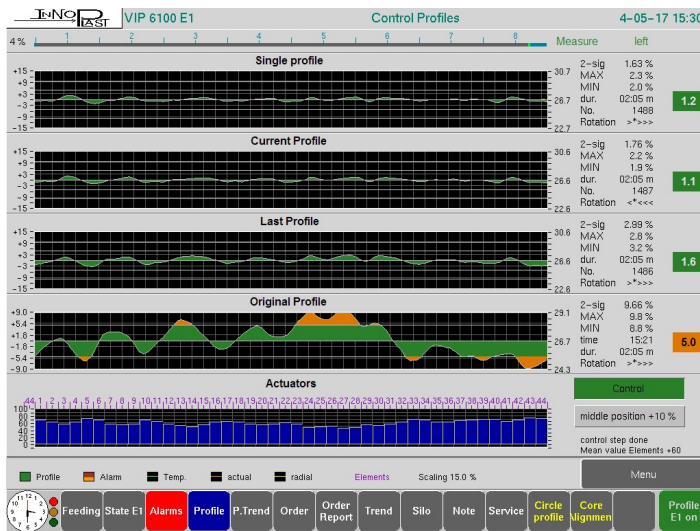


VIP Automated cooling rings



Thickness profile control reduces the differences in thickness during the production of bubble and flat film. On the basis of the measured film thickness profile, by feeding cold air with great accuracy through the **automated cooling ring**, we significantly reduce the deviations of the film thickness from the average value.



With the help of our standard cooling ring, the thickness variation of the film can be reduced to half, usually less than 2% of the average thickness, especially if the thickness tolerance of the non-controlled film is more than 10%.

Depending on the die diameter, our cooling ring has 132 or 168 setting elements.

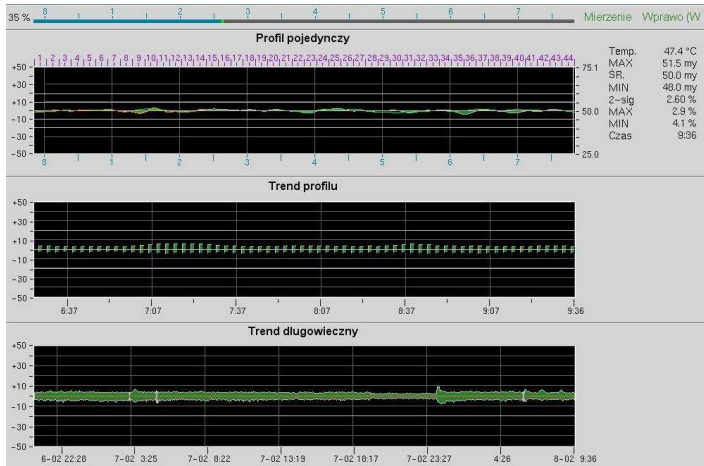
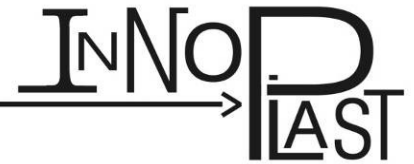
The control electronics of the linear actuators are located directly on the surface of the cooling ring. All electronic and most mechanical components are maintenance-free and highly reliable.



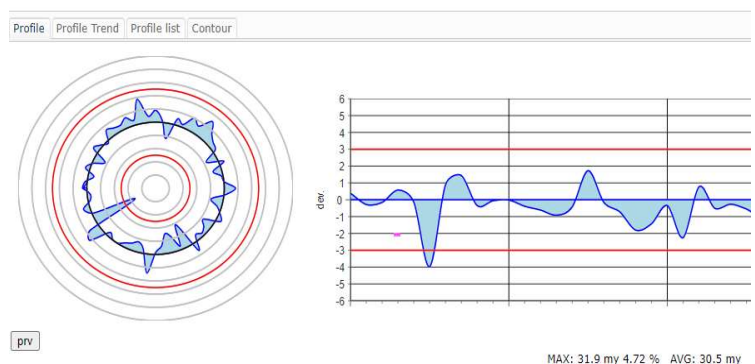
Your benefits:

- Transparent and stable film production process
- Constant high quality of the produced film: given film thickness with smallest thickness deviations
- Less trouble and interruptions in the next steps of the production process (for example, printing)
- Possibility to integrate later a thickness profile control system with automated air ring to achieve consistently high film quality

VIP Automated cooling rings



For a better analysis of the film production process, combine the film thickness measurement and control system with our webMIP film production management system.



Accessories:

- Scanner with profile measurement sensor moving around the film bubble
- Automated high-quality double lip cooling ring with 132 or 168 actuators for film thickness control to minimize the thickness differences
- Control computer with 15" color touch screen

What can we do for you? Get in touch today!

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