

Extrusion Auto Profile Control - APC

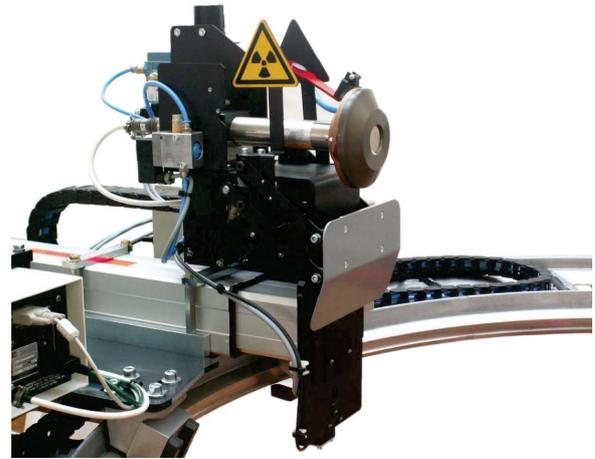
Weighbatch

Material Handling & Gravimetric Control

Reduce Transverse Thickness Variations by 50% !

Thickness Measurement and Control of Auto Die or Air Ring

Can be Retrofitted to Any Line



Thickness Measuring Head for Blown Film application



Blown Film Die with Auto Profile Air Ring

Features:

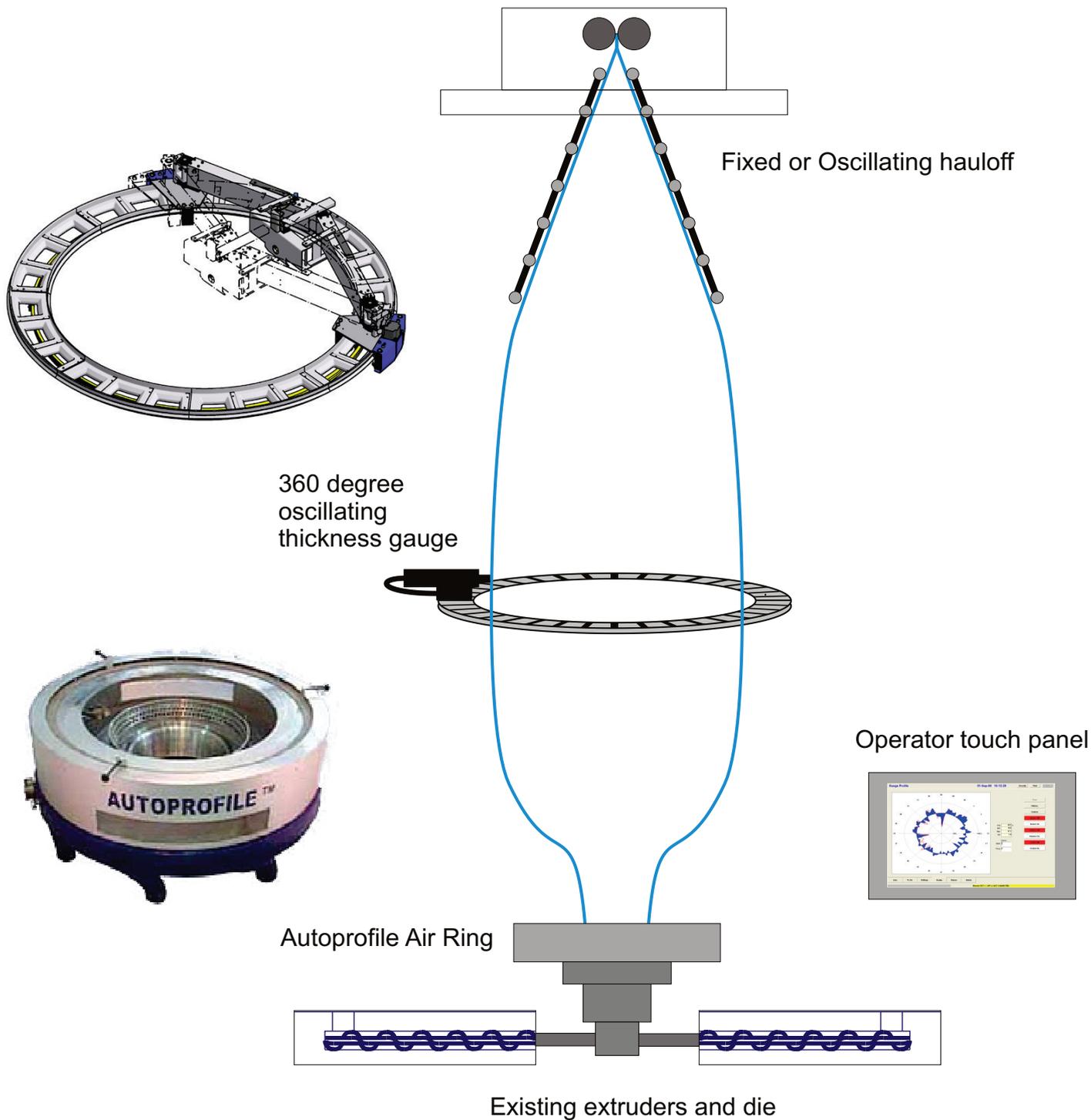
- In conjunction with GravEx gravimetric throughput control the Auto Profile Control system provides the ultimate control of the thickness of your extruded sheet or film which improves quality, reduces waste and facilitates raw material savings
- Standard software packages for Blown Film, Cast Film, Extrusion Coating and Sheet Extrusion
- Utilises proprietary thickness measuring system and auto die or air ring for transverse thickness correction, typically reducing existing thickness variation by 50%



Auto Profile Control Typical Blown Film Schematic

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Specifications:

- Digital output modules for 24 or 32 control elements or multiples thereof
- Compatible with most thickness measuring systems including capacitive and nuclear devices
- Thickness measuring and profile control hardware from proprietary suppliers
- Power supply single phase 230 V 50 Hz, 3 phase 400 V 50 Hz

Options:

- SSR output modules
- Customer supply thickness measuring and/or profile control hardware
- Integration into AdvanTec centralised control system or stand alone system
- Options for control of die bolt heater, air ring valve, air ring cartridge heater and die lip heating/cooling to effect profile control