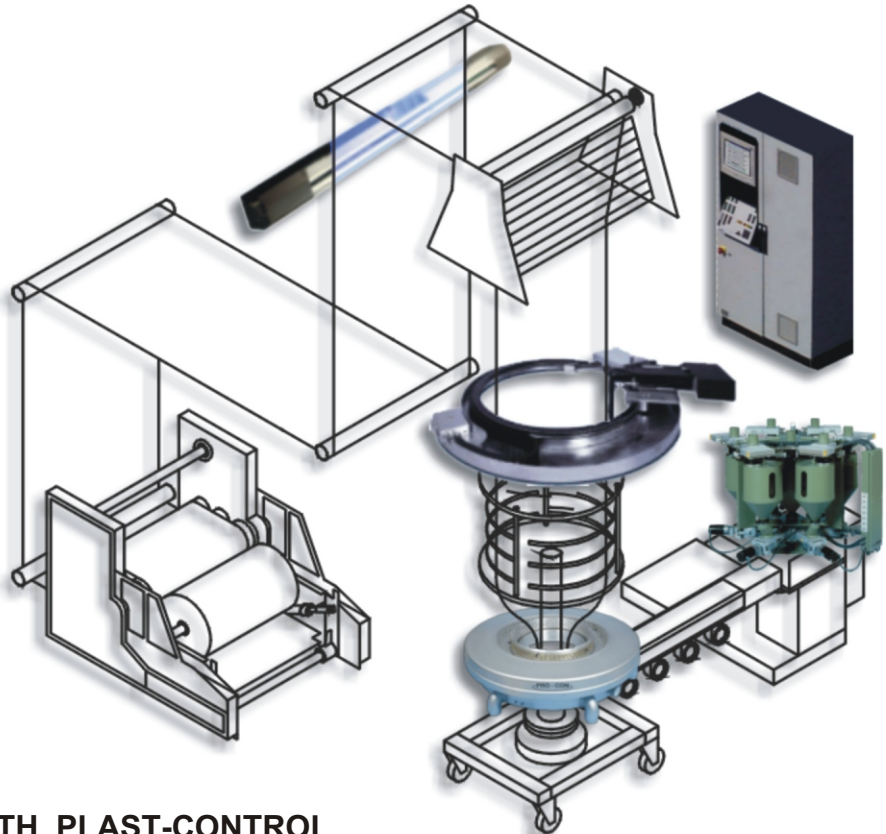
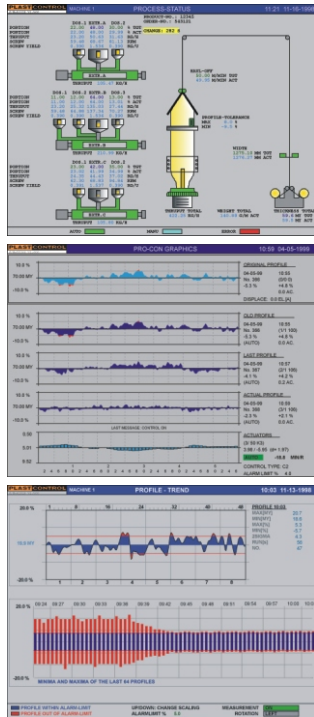


EXTRUDER - AUTOMATION

ACS 5x00 / 6x00

For Mono- and Coextrusion lines



QUALITY ASSURANCE WITH PLAST-CONTROL EXTRUDER AUTOMATION

ACS represents the latest achievement in high accuracy control technology for all types of continuous extrusion processes. The ACS system platform is modular and allows for integration of on-line profile measurement **PRO-FIL**, automatic profile control air ring system **PRO-CON**, Gravimetric line and layer ratio control for mono up to 10 extruder co-extrusion applications and for incorporation of continuous gravimetric dosing (blending).

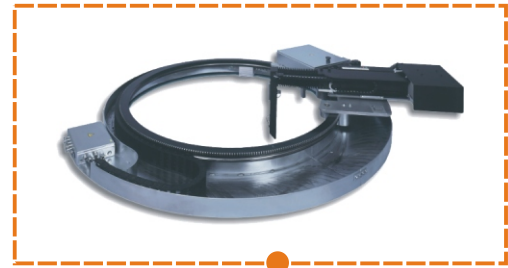
The operator interface consisting of a 17" color monitor, industrial key pad and clearly labeled function buttons is easy to learn and simple to use.

Advanced design features, utilizing the latest hardware innovations, ensure a long service life with reliable and accurate performance and minimal maintenance.

Accurate production control equates to large savings, through constant roll or product weight, constant and controlled nominal thickness and improved gauge characteristics. Incorporation of the integrated dosing system provides savings through the accurate and controllable metering of blend materials. Product memory promotes fast and accurate job changes resulting in less scrap and more sellable production time.

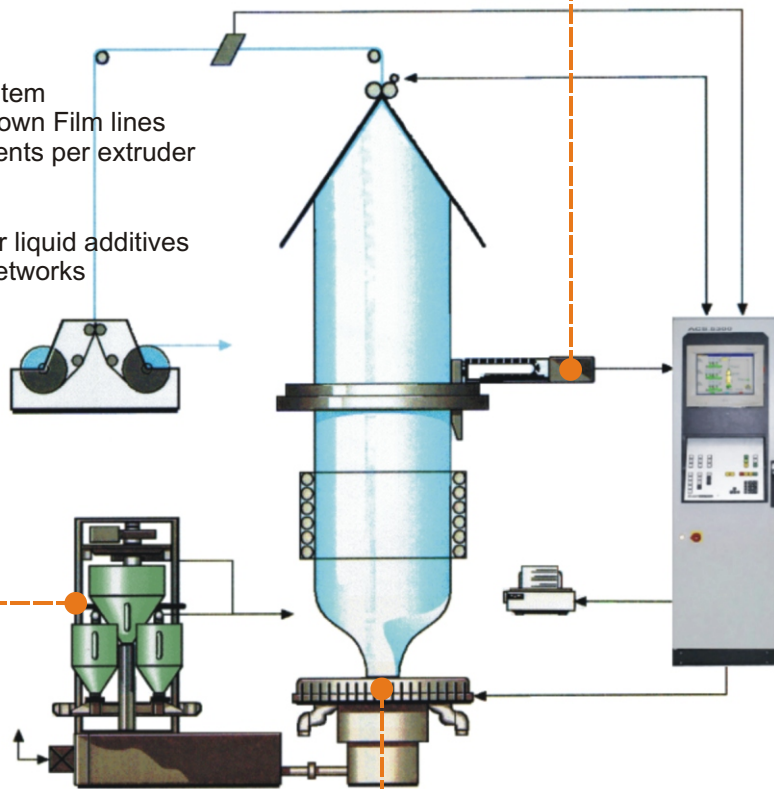
Through faster job changes, accurate dosing of materials, control of average thickness and regulation of transverse direction gauge profile, ACS system payback is typically less than one year when compared to an unregulated line.

- Quality improvement and repeatability of products
- Reduction of production costs - increased yield
- 25%-50% faster to on-spec product
- Short job changes
- Simple operation
- Clearly arranged display
- Information displayed as text and graphics
- Instant alarm reports with text editor for inhouse explanations
- Documentation of product- and process data (ISO 9000)
- Independent of material density
- Retrofits on existing lines
- Modularity for future upgrades and additions
- Fast return on investment
- Stable realtime operating system



UPGRADE FEATURES

- Profile measurement
- Profile control for Blown Film lines, in combination with the **PRO-CON** system
- Width measurement and control for Blown Film lines
- Gravimetric dosing of up-to 7 components per extruder
- Temperature control
- Report system including printer
- Measurement and control of pumps for liquid additives
- Data link for integration into existing networks
- Remote diagnostics via modem



RANGE OF APPLICATION

- Blown film extrusion
- Cast film extrusion
- Sheet extrusion
- Pipe extrusion
- Tubing extrusion
- Profile extrusion
- Wire and cable extrusion

