



COEXPERT® CO-EXTRUSION CONTROL SYSTEM

CoExpert® is a Microsoft Windows®-based computer package used in conjunction with AEC blending and feeding equipment to control the extrusion process. It can be used on single or multi-layer applications, including wire & cable, profile, blown or cast film, or sheet.

CoExpert® co-extrusion system uses an IBM-compatible Pentium®-based industrial graphical control system (Windows®-based) with touch-screen. It includes an integrated PC/Touch Screen controller, significantly easing installation and operator usage. It controls extruder speeds, layer percentages, and blender recipes; and comes complete with all necessary hardware and software. Communication wires and cables are not included.



STANDARD FEATURES

- Intel® Pentium-based industrial computer includes:
 - SVGA color monitor
 - Touch-screen operator interface
 - 3.5" floppy disk drive
 - Windows® operating system
 - Modem and telephony software included for factory support and upgrades
- User-friendly screens configurable to match each specific process
- In-line surge protector
- Control functions include:
 - Extruder speeds
 - Layer percentages
 - Blender recipe storage
 - Remote operation
 - Monitoring of material usage
 - English or Metric units
 - Real-time trending chart of process
 - Alarm log
 - Configurable password protection
 - Integral diagnostic system

OPTIONAL FEATURES

- Line Speed Control (COEX-LS), including a high accuracy encoder and a conversion panel. CoExpert® with line speed control is required when using a CoExpert® package to control the haul-off. For use with up to six (6) OL blending systems or GH-M rate monitor units and a haul-off control. Included are an encoder and a conversion panel for interfacing to the CoExpert® control system. Controls overall yield (weight/length), weight per area, and thickness. Communication wires and cables not included.
- Windows® 95/98/NT communications package compatible with a DDE server

SPECIFICATIONS

The standard CoExpert® package is for use with up to six (6) OL Series blending systems and/or GH-M Series rate monitor units without a haul-off control. The CoExpert® system can control up to six extruders with or without line speed control.

An extrusion line running 500 pounds/hour of 1.0 mil film could consistently run 0.98 mil film with better quality, lower scrap and produce an extra 75,000 pounds of product per year.

ADVANTAGES

- Reduced material usage
- Improved product quality
- Increased productivity
- Simplified start-up and material change-over
- Reduced start-up and shut-down times
- Monitoring of material usage
- "On-the-fly" product changes
- Precisely control co-ex layer percentages
- Set recipes from a remote control panel
- Display average product gauge by inputting product width
- Display true layer percentages
- Allow input of recycled trim width
- Remotely monitor the process
- Monitor alarm histories