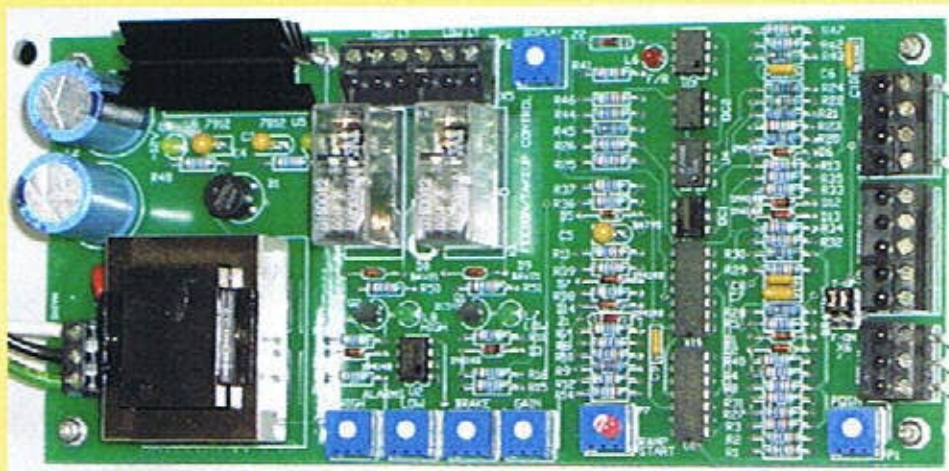


PRODUCT BULLETIN

Feed-on / Take-up Control System



Features:

- Smooth, gentle control of film at all times
- Film controlled over full length of elevator travel
- Standard three phase motors used
- Standard Variable Frequency Drives used
- End-of-film Slowdown can be fitted
- System can be fitted to any size machine
- Elevator Position Indicator incorporated in system

Operation:

The Feed-on / Take-up Control System has been developed for use on any size Film Processing Machine. A specially developed sensor arrangement is used to continuously monitor the position of the elevator and control the speed of the film over the full length of travel to maintain and control elevator position and rise / fall velocity.

Control of the film is maintained by using standard three phase motors to drive and brake the film plates. These motors are controlled by standard Variable Frequency Drive controllers and all components of the system are easily replaced and readily available. The control components are common to both Feed-on and Take-up ends thus reducing spares inventory.

Installation is not complex and the system can be retro-fitted to existing machines to give improved film control at both ends of the machine. A continuous front panel elevator position indicator is incorporated into the controller, together with settable alarm or limit points (relay output) for both upper and lower elevator positions.