

Pressure Control System – Chute Feed

Continuous pressure monitoring of the Batt formation chamber for previously supplied Crosrol Chute Feed systems, which currently utilize the On-Off Photo-eye monitoring system.

The newly introduced system uses an highly sensitive Digital pressure monitoring transducer for constant monitoring of the Material fill level of the Batt formation chamber, The newly designed system working in conjunction with the Card controller continually adjusts the Feed Roll speed (Via Inverter) so as to ensure a constant feed of Material from the upper chamber to the lower Batt formation chamber. This new principle of constant feeding leads to significant benefits in short term irregularities of Card sliver been seen.

Working trials have shown that the Card's short-term CV% (5M CV) to be reduced from typically 2.5% (when utilizing the Photo-Eye system) to less than 1.5% when using the new control method.

Parts included in the Change Kit: -

- Digital Pressure Monitoring Transducer (European origin).
- Mechanical fittings & housings including connecting pipes.
- Connection cables between Transducer System and the Chute Control cabinet.
- Full instructions on how to connect the New Pressure control system to your old Carding machine.