



SRF Limited retrofitted Dusenbery Slitter

Benefits of the AEAB Solution:



SCADA system for easy
operation and fault finding



60% Energy Saving



18 months Cost recovery
time

The Customer, their current solution

SRF Ltd. is a multi-business entity specialising in fluorochemicals, packaging film business, specialty chemical business and fabric.

SRF had a 30 years old Dusenbery Slitter in which they were using Rockwell automation with Siemens DC Drives and Master drives.

Customer's Problem and Pain Points

The whole system was completely hard wired resulting in frequent failure as the smaller components were taking more time in fault finding and troubleshooting. All the Drives and automation system were completely phased out and it was becoming expensive to maintain the spares. The DC motor was old as well and the overall system accuracy was compromised.

AEAB Solution, and its impact to the customer

AEAB studied the whole system and proposed their solution with S7-400 PLC, Sinamics G AC Drives and 1PH8 Motors. We recommended them to replace old DC motors to AC motors.

Customer got the below benefits:

- Hard wire removed and all data has been taken delivered using Profibus. This reduced wiring and cable cost
- Whole system upgraded to new generation system resulting in cost reduction and greater availability of components.
- Scada system provided for operation and fault monitoring made their life easier.
- Energy savings up to 60%.
- Accuracy has been improved