

Labotek system proves reliability with zero downtime in over four years

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TrendPac is a leading Australian manufacturer offering a full range of manufacturing, packaging and product development services. Key to TrendPac's modern blow moulding and injection moulding facility is the plant wide and fully automated Labotek central materials handling system.

When we began considering a central feed system to be responsible for our entire moulding facility, reliability was our highest priority. Now looking back after 4 years of zero downtime, reliability has been fully proven and we have come to really appreciate all the advantages of a Labotek central feed system complimented by bulk storage silos. Of particular interest to us were a few smart design features that offer in-built security and ensuring the reliability we were looking for, such as:

- Labotek vacuum sequencing valves open pneumatically with mechanical spring return, so in the unlikely event of a failure it will always close off eliminating the risk of a vacuum leak that would otherwise bring the system down.

- Labotek vacuum stations consist of multiple individual side channel vacuum pumps connected together in series, we run the 3 x LT6 (3 x 3.4kw blowers). Even if one of the three blowers fail the remaining two continue to operate.
- Although we are conveying over very long distances the Labotek vacuum stations convey the material at low material velocity, we have never seen any signs of "angel hair" or stringing caused by high speed and heat build up.

Other advantages we have seen are reduced manual handling, reduced contamination risks, reduced fork truck traffic in moulding area, reduced dust levels and general spillage and wastage. We have a moulding facility shop we are proud to invite our customers to which is greatly thanks to the Labotek system.

TrendPac looks for stability in our supply partners and knowing Fleming have represented Labotek in Australia for over 25 years added to our final decision. We are extremely happy with our Labotek system in terms of reliability, aesthetics, modularity, ease of use and environmental impact such as very low noise levels and energy consumption. We also purchase Maguire gravimetric blenders, DynaCon Conveyors and Cool-Pak Chillers from Fleming making them our preferred ancillary equipment supplier.

Craig Watson
Operations Manager, TrendPac.

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General Cables NZ	Visy Beverage	Willow Ware Australia	Toyota
IML NZ	Brickwoods	Ultraplas	Plastic Injection Company
APERIO Group	Full View Plastics	Duromer Products	
Plaspak	Pippak	AMCOR Closures	
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