

# Labotek system solution a perfect fit for Willow



JANUARY 2008



Moving to a brand new manufacturing facility in 2003, Willow appreciated that a reliable and user friendly automatic central feed system was the most efficient method to supply material to our injection and blow moulding machines. It is not only economic to use such a system, it also improves factory house keeping and eliminates errors at the same time.

We asked three major suppliers of central vacuum conveying systems to supply quotes for a full turn key system. It was a learning curve for us and looking back Fleming Plastics really assisted us in everything we needed to know about a feeding system. They helped us understand not only the system concept but also the detailed operation of each component. Our confidence in the user friendliness in both operation and maintenance as well as the proven quality of Labotek components led us to assign Fleming Plastics Dynamics to install the Labotek system we are using today.

Another fact that I should mention, being a 5 Star safety accredited business we took in consideration that Labotek vacuum pumps were the only one to have a noise level less than 80 dBA.

Since May 2003, when our system was commissioned we have installed 9 more machines, all of them connected to the existing system using parts supplied by Fleming Plastics Dynamics. The simplicity of the Labo-Link one wire system allows us to complete all the work in house without the help of external contractors.

This just proves the flexibility and simplicity of a Labotek central vacuum system.



**Daniel Moga Engineering Manager**

## RECENT LABOTEK INSTALLATIONS BY FLEMING:

Sistema  
APERIO Group  
ATLAS Plastics  
HP Packaging  
Moulding Services  
Visy Industrial Plastics

Full View Plastics  
Pippak  
Huhtamaki Australia  
Impact International  
Willow Ware  
Ultraplas

Duomer Products  
AMCOR Closures  
Marco Engineering  
Bindweld Plastics  
Toyota  
Plastic Injection Company

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Plastics Dynamics  
Your Plastics Ancillary Specialists  
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### System Criteria

Of the 38 vacuum receivers, four are feeding internal intermediate bulk BM silos with the remaining 32 vacuum receivers servicing moulding machines. A safe material selection coupling station protects operator error against incorrect material connection while allowing full flexibility of any material to any vacuum receiver.

A custom central alarm panel with numbered indicator lights which activate when a station alarms, was designed according to the Willow Ware Specification.



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