

FILL IT UP



THOMASON MACHINERY LTD.

Since its establishment in 1997, THOMASON MACHINERY LTD is one of the leading Industrial companies in manufacturing of all kinds of filling lines and its accessories for the cosmetic, pharmaceutical, food and beverage, dairy, chemical and agro-chemical as well as household products industry.

Thomason has a reputation for specialized filling machines. These machines can fill any type of liquids and powders into any container - bottles, tins, jars, portion packages etc. Today, Thomason services clients in many European and Middle Eastern countries.

Flexibility and Quality

Thomason have based their success on being able to customize each machine to match the clients product by looking to its own design department manned by highly skilled personnel for developing and studying machine components for absolute precision performance and producing machines that have sophisticated engineering, sturdy construction and long term reliability.

The main production lines of the company are:

- Filling machines for liquids, creams and powders.
- Labeling machines for any kind of labels including the application of multiple labels.

Research and Development is done in a dedicated test laboratory and all machines go through extensive tests before delivery.

Well known international companies, in many countries, trust Thomason Machinery to deliver lines for their production needs. Companies like: HENKEL, UNILEVEL, SHELL and MOBIL

The Implementation


In its goal for continuous improvement through innovation, Thomason started the partnership with B&R, and the use of the Power Panel systems along with B&R System 2005 and B&R System 2003 controllers.

The filling lines are controlled and operated via a Power Panel. The B&R 2005 I/Os in the control cabinet are connected to the Power Panel via ETHERNET Powerlink. The B&R solution defines the attributes of the machines, and gives easier access to the control of the machine as well as providing technical and

system to encoder signals contributed directly to the increase in output performance of the machine.

The final system offers the highest performance and efficiency.

Future development is directed to the decentralization of the installed automation components. This goal will be reached with the use of Ethernet Powerlink and the decentralized backplane solution (X2X Link).

“Thomason is always in front of the developments. It was from the first companies of its kind to move its machines from pneumatic to hydraulic and then to electro-mechanical operation producing better, more accurate and easier to operate machines”, says Chris Thomas, General Manager at Thomason Machinery Ltd. 

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- Capping machines for all kind of caps.
- Bottle rinsing machines (washing).

An important factor in the success of Thomason is the excellent and expedite After Sales Service, considered as one of the most important advantages of the company. Thomason undertakes the training of its client's technicians, the installation and startup as well as troubleshooting and servicing activities for clients worldwide.

statistical information about the operation and the functions of the machines. Additionally, the ability of the system to connect via a modem to the machine makes it easier for maintenance and servicing.

For smaller systems an independent B&R System 2003 is used. Its compact size delivers the required functionality without difficulties in the switching cabinet.

The increased reaction speed of the