

Application story



Board Manufacture

Location	Finland	Hydra-Cell model	G03XDSGHHEMA / G10XDSGSFEMB / G25XDSGHFEMB
Type of application	Board Manufacture	Flow rate	G03 Up to 11 l/min (3 gpm) / G10 Up to 30 l/min (8 gpm) / G25 Up to 75 l/min (20 gpm)
Liquid	Fillers Colour Additives Latex Polymer Starch	Pressure	Up to 50 bar (725 psi)
Application details	Almost every chemical used in the manufacture of board reacts when exposed to air, usually by drying and/or crystallising. There is always liquid between seal faces of process pumps. Seal wear, (especially of the shaft seal) will allow ingress of air and dry the liquid, causing further wear and leaks. When a pump stops, air may penetrate other internal seals, causing the pump to seize. It has been estimated that 90% of maintenance work on industrial pumps involves the shaft seal. The Hydra-Cell has no shaft seal in contact with the pumped fluid. It is therefore more reliable and needs minimal maintenance. Other benefits cited by customers in Finland include higher efficiency and a lower power requirement.		
Advantages of Hydra-Cell pump on this application	Seal-less design. Pumping efficiency. Low power requirement.		

www.hydra-cell.co.uk

Wanner Engineering -
World Headquarters & Manufacturing
Minneapolis USA
t: (612) 332-5681
e: sales@wannereng.com

Wanner International
Hampshire UK
t: +44 (0) 1252 816847
e: sales@wannerint.com

Wanner Pumps
Shanghai CHINA
t: +86-21-6876 3700
e: sales@wannerpumps.com

Wanner Pumps
Kowloon HONG KONG
t: +852 3428 6534
e: sales@wannerpumps.com