

Application story


WANNERTM
HYDRA-CELL[®] PRO
SEAL-LESS PUMP TECHNOLOGIES



Chemical Injection on PU Line 2

Location Finland (Installation: Late 2021/
Early 2022)

Hydra-Cell model MT08MSNJNSSGD10C

Type of application Chemical Injection

Flow rate 2 – 6 g/sec

Liquid Kingspan PA1

Pressure 155 Bar

Application details Used in the production of insulated panels to meter a toxic chemical (a foam additive) into Pentane to function as the main blowing agent.

Running at low flow rates & at 155 Bar, the pump injects this liquid from 50 Gallon / 210 Litre drums into the process approx. 30m away, where it is mixed at high pressure before being deposited onto the continuous panel line to form the insulation barrier.

Flow rate accuracy is vital and Kingspan are very impressed how easily the pump speed vs. accuracy can be achieved.

Advantages of Hydra-Cell pump on this application Flow rate accuracy is vital; customer very impressed how easily the pump speed vs. accuracy can be achieved.

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