

Application story


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



Coating Ceiling Tiles

Location	USA	Hydra-Cell model	G10XKSTDDECH
Type of application	Spray Coating Ceiling Tiles	Flow rate	15 l/min (4 gpm)
Liquid	Paint	Pressure	34 bar (493 psi)
Application details	An American plant manufacturing ceiling tiles was having problems on the final coating stage of the production process. Air-operated hydraulic paint-spraying pumps, feeding paint to spray nozzles above the conveyor, were repeatedly breaking down. Pump life ranged from 5 days to just a few hours. A 1-month trial of a Hydra-Cell G10 (with Kel-Cell technology) under production conditions swiftly alerted the customer to potential savings in maintenance/repair costs and energy. The pump ran reliably without problems. Output was up and no production was lost through downtime. The customer ordered another 6 x G10 pumps with Kel-Cell technology and tungsten valves and seats. Further applications for Hydra-Cell units were found in the same plant. Cost savings here and in the company's other plants where the technology has been adopted run into thousands of dollars.		
Advantages of Hydra-Cell pump on this application	Kel-Cell technology protects diaphragms against damage if suction line strainers clog. Seal-less design gives reliability and long pump life. Construction material options to match liquid characteristics. Less pulsation. Low energy requirement (no air). Operation is quieter than air-driven pumps.		

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