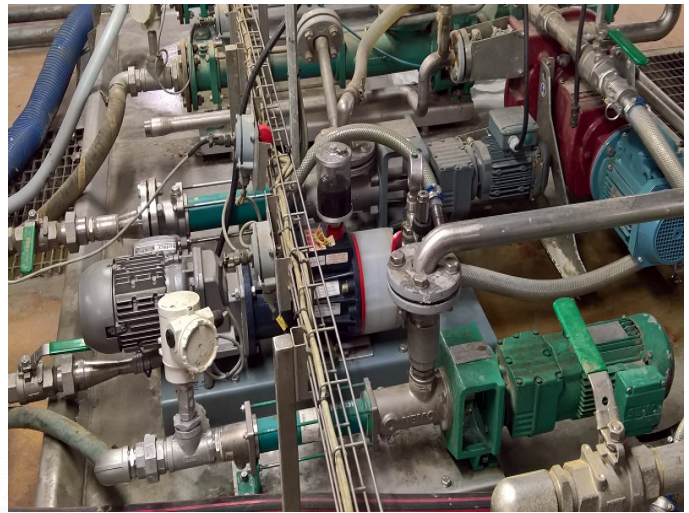


Application story



Emissions Control for Engineered Wood Factory

Location	Sweden	Hydra-Cell model	G10XKPTCCTPA
Type of application	Emissions Control for Engineered Wood Factory	Flow rate	100 - 400 l/hr (26 - 105 gph)
Liquid	Recycled Water Urea	Pressure	10 Bar (145 psi)
Application details	This world renowned Swedish manufacture of, among other products, wooden furniture, was suffering from regular pump failures. During the manufacturing process some reject wood is produced. This is burnt in a furnace to produce heat and steam for the plant. This wood is often painted and when burnt produces fine particulate (50 - 100 microns). To control both particulate and NOx emissions, a Water / Urea mix is sprayed into the emissions chimney as part of the scrubbing process. The water and urea mix is filtered and recycled, however particulates build up in the liquid. This process has been a headache for the IKEA maintenance team for 30 years with maintenance every month to keep this process working. Hydra-Cell proved itself on this application and now IKEA are looking to replace a number of Netzsch progressing cavity pumps on different duties		
Advantages of Hydra-Cell pump on this application	Hydra-Cell's ability to: - Pump this recycled, particle loaded water mix with aggressive Urea with ease. - Enable simple, in-situ maintenance, due to its seal-less nature.		

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