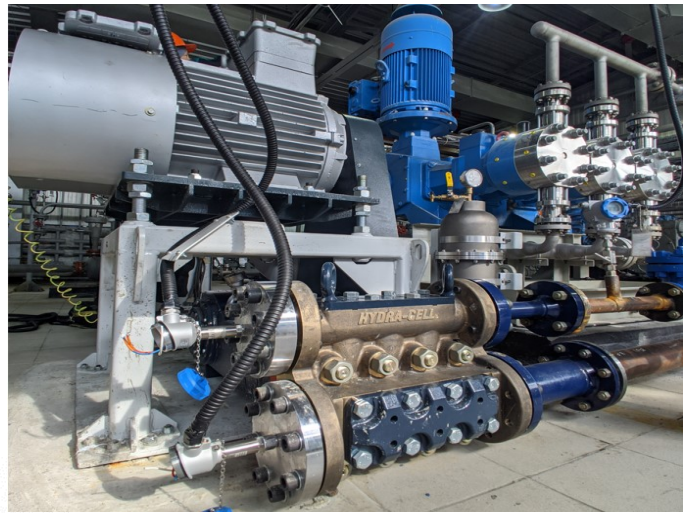


Application story



Gas Drying (14)

Location	Russia (Installation: September 2021)	Hydra-Cell model	T100HRDGNNESACX
Type of application	Spraying Mono-Ethylene Glycol	Flow rate	5-15.6 m3/h
Liquid	Mono-Ethylene Glycol	Pressure	53 - 60 bar (768.7 - 870.2 psi)
Application details	The pump transfers Mono-Ethylene Glycol to spray nozzles. Regenerated Mono-ethylene Glycol, with a temperature of 70-75 °C, is supplied to the pump from the heat exchangers and then transferred at high pressure to the nozzles located in columns for gas drying. Atomised Mono-Ethylene Glycol absorbs all the moisture from the gas. A problem in the customer's technological scheme is a small liquid head at the pump inlet, which is about 0.2-0.3 bar. The customer has two triplex pumps from another manufacturer which fail every week, plus a LEWA pump (that cost 230,000 Euros in 2015) which was unable to suck in liquid under such conditions and has been completely redundant since installation. The customer is now considering a second purchase of a Hydra-Cell T100 to replace the other competitor pumps.		
Advantages of Hydra-Cell pump on this application	• Minimal maintenance required due to no dynamic seals to wear or replace - saving costs and value time with no unplanned downtime • Hydra-Cell T100 pump provides reliable and stable operation with a low NPSHa • Reduced acquisition costs and footprint compared to previous competitor technology previously purchased		

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