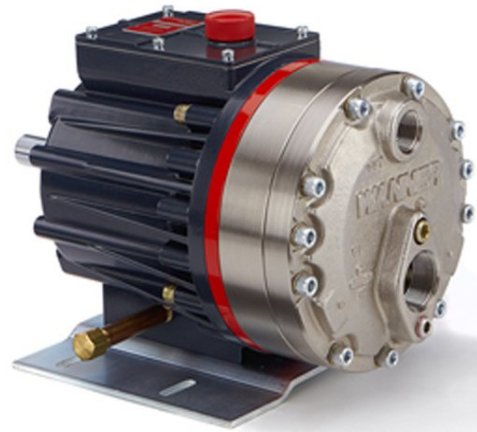


Application story



Calcium Carbonate Solution Extends Sugar Drying Press Life

Location	Denmark	Hydra-Cell model	G25XKCTHFECA
Type of application	Pumping Calcium Carbonate Colution	Flow rate	29 l/min (7.7 gpm)
Liquid	Water Calcium Carbonate	Pressure	10 bar (145 psi)
Application details	Hydra-Cell G25 pumps have been in use for about ten years in this sugar refining plant in Denmark. The process - producing refined product from raw sugar beet - requires the sugar to be pressed and dried. The life of the press is extended by pumping-in a low concentration solution of water and calcium carbonate, mixed before entering the pump. The plant runs two G25 units as duty pumps, with a third G25 as back-up. The pumps operate at 400 rpm, with discharge pressure below 10 bar.		
Advantages of Hydra-Cell pump on this application	Energy savings. Ability to handle particulate. Ability to handle non-lubricating liquids.		

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