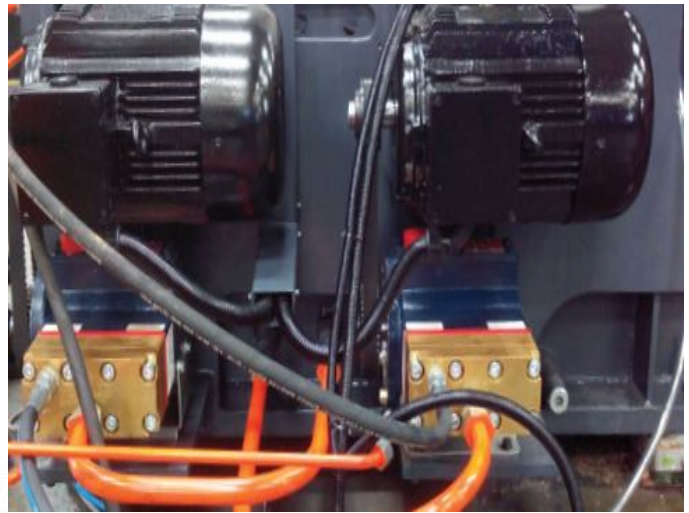


Application story



High Pressure Coolant for Deep Hole Drilling Machines

Location	India	Hydra-Cell model	G04XDBTHFEHG
Type of application	High Pressure Coolant for Deep Hole Drilling Machines	Flow rate	Up to 9 L/min (2.4 gpm)
Liquid	Machine Tool Coolant	Pressure	Up to 172 bar (2500 psi)
Application details	Precihole Machine Tools in Mumbai manufacture special purpose deep hole drilling machines that require very high pressure coolant through tool to flush out the chips during drilling operation. The Company produces a Micro Gun Drilling Machine for medical applications with drill bit sizes of 1mm or less. A very high pressure of 170 bar is necessary to clear away the chips through such small apertures. Hydra-Cell G04 pumps have been selected to replace the screw pumps previously used for this application. Unlike the screw pumps, they are able to produce a constant flow over a range of pressures and are far more energy efficient, especially when pumping water mix coolants. Precihole is a global supplier and by using Hydra-Cell has confidence that the coolant pump will give trouble-free service over many years.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Ability to offer a constant flow & pressure of coolant, right where it is needed. - Vastly decreased energy consumption when compared to the original screw 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