

Application story



High Pressure Coolant for CNC Machine Tools (4)

Location	Russia	Hydra-Cell model	G12XKCTHFECA
Type of application	High Pressure Coolant for CNC Machine Tools (4)	Flow rate	Up to 30 L/min (7.9 gpm)
Liquid	Machine Tool Coolant	Pressure	Up to 60 Bar (870 psi)
Application details	Hydra-Cell is standard option for HP Coolant delivery Stankoteh is one of the largest machine tool enterprises of the Russian Federation, taking 1st place on the basis of volume of work performed. The factory produces turning, milling and drilling machines with optional through tool, high pressure coolant delivery. The factory formerly used Knoll screw pumps to provide this high pressure coolant option but now has settled on Hydra-Cell G12 pumps because of their ability to handle metalworking fluids with abrasive fines with outstanding reliability. Using Hydra-Cell pumps removes the need for Stankoteh to equip their machines with extra fine filtration to meet the needs of the coolant pump. Hydra-Cell is now the standard option for all Stanko machines produced with a high pressure coolant option.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Ability to handle the particle laden liquid with ease. - Does not require fine filtration systems, unlike other pump technologies.		

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