

Application story



Resin Hardener for Chipboard Production

Location	Russia	Hydra-Cell model	G03XKPEHFEMJ
Type of application	Resin Hardener for Chipboard Production	Flow rate	5 L/min (1.32 gpm)
Liquid	Resin Hardener	Pressure	5 bar (72 psi)
Application details	Hydra-Cell® Pumps Resin Hardener Tomlesdrev, LLC is the largest lumber factory in Tomsk region of Russia. In addition to logging and lumbering, the Company manufactures add value, engineered wood products such as chipboard and laminated chipboard, totalling some 36,000,000 m2 per annum In 2014 the Company installed a Hydra-Cell G03 pump with polypropylene head to pump hardener in the chipboard production process; replacing a leaking screw pump which suffered constant seal wear. Operating round the clock, seven days a week, the Hydra-Cell has proved its dosing accuracy and reliability for over two years, running faultlessly without damage during that time. The customer is delighted with the seal-less nature of the pump, which enables a much cleaner and safer working environment.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Its seal-less design, offer 100% liquid containment. - Its seal-less design, meaning vastly reduced maintenance & increased production.		

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