

Application story



Hydra-Cell in Paper and Pulp

Location	Czechoslovakia	Hydra-Cell model	G10XRSGSNEHB
Type of application	Dosing process liquid	Flow rate	1m3/hr (264 US gal/hr)
Liquid	Water based	Pressure	10-15 bar (145-218 psi)
Application details	The end user company is the most prestigious company in the Czech paper industry and produces 70,000 tonnes of thin paper products each year, 95% of which is exported. The Company was using a triple head piston pump to serve three individual production lines with process liquid. Flow control difficulties coupled with ever present seal maintenance problems led the customer to consider replacing the entire system. A large, traditional, triple head, diaphragm metering pump was considered, alongside three individual Hydra-Cell G10 pumps in separate systems, proposed by Wanner's Czech distributor. The Hydra-Cell dosing solution allowed easy, precise flow control tailored to the requirements of each individual production line. At approximately half the acquisition cost of the competitor system considered, (including pipework and a buffer tank) Hydra-Cell became the obvious solution. The customer is impressed by the speed of routine maintenance, the low cost and rapid availability of service parts and the completely leak free operation of the Hydra-Cell pumps.		
Advantages of Hydra-Cell pump on this application	Seal-less design for: - leak-free operation - minimal maintenance - lower cost of ownership		

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