

Application story



Blowing Agent and Catalyst

Location	Italy	Hydra-Cell model	G03XKSJSNEHG / G04EDRJHFEHG
Type of application	Blowing Agent and Catalyst	Flow rate	G04 2.28 l/hr (0.5 gph)
Liquid	Blowing Agent Catalyst	Pressure	150 - 170 bar (2175 - 2465 psi)
Application details	This Italian OEM company builds batch-production systems for the manufacture of polyurethane foam. For pumping catalyst and blowing agent the company is using G03 and G04 Hydra-Cell pumps instead of piston pumps or traditional metering pumps. Hydra-Cell is preferred over piston pumps for its reliability and absence of seals. Its advantages over traditional metering pumps include lower cost and smooth flow – there is no need for pulsation dampeners.		
Advantages of Hydra-Cell pump on this application	Seal-less design, incorporating multiple diaphragms in a single pump head. Pulse-free flow. Simple, compact build (cf.relative bulk of traditional metering pumps). Low maintenance. Proven reliability.		

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