

Application story



Injection Prior to Spraying

Location	Blovce, Czechia (Installation: 2022)	Hydra-Cell model	G10XRSGSFEMB
Type of application	Injection Prior to Spraying	Flow rate	20 – 390 l/hr (5 - 103 gph)
Liquid	Actellic 50 EC Sila Pro PA99 Euromold SAL chemicals Insecticide (BIOOL)	Pressure	Up to 25 bar (363 psi)
Application details	Established in 2001, the Administration of State Material Reserves is the central body of state administration in the areas of economic measures for crisis situations and state material reserves. The compact skid was designed by AxFlow Czech for the inline injection of chemicals into a main water pipeline prior to this liquid mixture being delivered to multiple spray nozzles. The Hydra-Cell G10 pump delivers the liquid at a constant pressure into the discharge pipeline. Then via a flowmeter to one of the many nozzles, which ensures even spraying of the crop against pests in the storage silos.		
Advantages of Hydra-Cell pump on this application	• Required a constant and extremely low pulse flow to ensure an even spray pattern in the silos. • Simple B&L pumps used for other chemicals as customer wanted local stroke adjustment, not VFD control.		

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