

Application story



Metering of Additive for Cement Production

Location	Czechia (Installation: March 2024)	Hydra-Cell model	G10XRBGHEHA x 5
Type of application	Metering of Additive	Flow rate	10 - 60 L/hr
Liquid	Additive (300 cP)	Pressure	Up to 10 bar
Application details	Founded in 1906, this customer opened its first plant in Mexico and is now one of the world's largest producer of Cements, Concretes, Aggregates & Screed for the construction industry. The precision injection and dispensing system is designed to inject the additive onto the aggregate in the mill; reducing the energy required for cement grinding. This system consists of four separate units – tanker discharge (centrifugal pump), main tank topping (Wanner G10), IBC topping (Wanner G10) and metering (2x Wanner G03). The Metering unit is equipped with two pumps, running duty / standby. Main tanks topping: 1x G10XRBGHEHA IBC topping: 1x G10XRBGHEHA Metering: 2x G03XKBGHECA Spare part: 1x G03XKBGHECA		
Advantages of Hydra-Cell pump on this application	Seal-less design requires minimal maintenance, and the ability to pump differing additives if chosen in the future.		

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