

EMULSION EXPLOSIVE

Info BITS

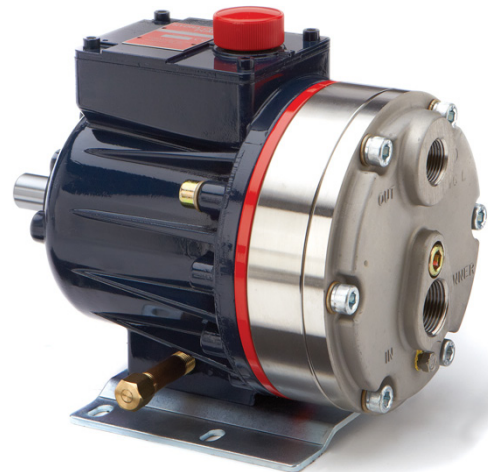


Hydra-Cell® Injects Emulsion for Quarry Detonations

A concrete producer with more than 10 plants uses a mobile manufacturing unit in its quarry to inject the precise amount of emulsion explosive into holes more than 30 feet deep. Blasting of the materials for concrete production makes it easier for the heavy equipment to collect and haul the raw materials.

Three Hydra-Cell D10/G10 replaced packed plunger pumps on the mobile unit because the packed plunger pumps were incapable of running dry without damage and involved more maintenance. The packing required frequent adjustment and replacement from wear.

The Hydra-Cell pumps have been operating three years without problems. In addition to dry running and easier maintenance and repair, Hydra-Cell also offered a greater selection of diaphragm materials and more accurate injection for the detonations.



Pump Model: D10EKSEHFHC

Flow: 0.8 gpm (3.0 l/min)

Differential Pressure: 145 psi (10 bar)

Application: Injecting an emulsion with the precise amount of explosive composition for quarrying

**Dry
Running
Capability!**

Hydra-Cell®
Seal-less Pumps

www.Hydra-Cell.com