

ABRASIVE CLEANING

Info BITS

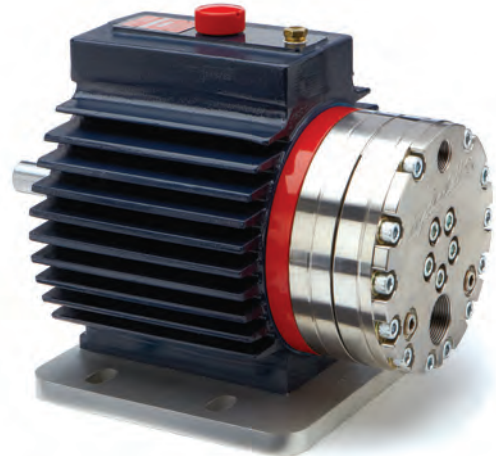


Controlled Water Jet Pumping of Corundum Particles

A manufacturer specializing in the use of water jets for cutting, machining, and surface cleaning operations patented a new system for the fast, controlled removal of rust, scale and coatings from critical surface areas of equipment and components such as rotors and steam turbine blades.

The new cleaning system allows for abrasive corundum particles to be included in the water as a suspension before pumping. This facilitates flexible control over the abrasive type, particle size, and ratio of abrasive medium to water.

At the heart of the system is a Hydra-Cell D15 pump with its ability to handle abrasive particles at high pressure and the noted Hydra-Cell controllability. Its high-efficiency pumping avoids oversizing the motor while its compact size and footprint suits the portable system.



Pump Model: D15XASTHFECB

Flow Rate: 8.2 gpm (31 l/min)

Pressure: 2466 psi (170 bar)

Application: Controlled, high-pressure delivery for water jet cutting, machining, and surface cleaning.

**Handles
Abrasive
Suspensions!**

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Seal-less Pumps

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