

Powercreter® Series

High Pressure Shotcrete/Concrete Pumps



A **Putzmeister** COMPANY

Refractory

Underground

Civil



- Versatile wet-process pump
- Proven design
- Rugged reliability and durability
- Smooth hydraulics for easy handling

POWERCRETER®
Series

ALLENTOWN SHOTCRETE TECHNOLOGY, INC.

Offers a powerful family of wet-process shotcreting machines, including the Powercreter® 10, 20, 40 and 60HP models. Designed to offer versatile functionality for **Refractory**, **Underground** and **Civil** applications, Powercreters are available with a wide range of standard features and options.

POWERCRETER® 10



Rated for up to 10 cubic yards per hour, the Powercreter 10 fills the void between small-line mechanical ball valve pumps and 5" to 6" cylinder diameter concrete pumps. Compared to ball valve type pumps, the swing tube design gives operators the benefits of reversing for relieving pressure due to plugs, pumping difficult low slump or fiber mixes and lower maintenance costs.

With 3" material cylinders and variable, smooth hydraulics, the Powercreter 10 allows extremely controlled low output for specialized applications. When reducing to smaller diameter conveying lines, this model maintains much of its output pressure – something larger cylinder concrete pumps cannot do.



POWERCRETER® 20



Allentown's answer for mid-range pumping requirements, the versatile Powercreter 20 can be fed by a ready mix truck, on-site mixer, optional integrated batch mixer or continuous mixer. A rugged, high pressure pumping system, the Deutz air-cooled diesel engine and variable flow hydraulic pump combined with our simple, well-proven cycling system give you the power needed for controllable low to medium volume.

Rated for up to 20 cubic yards per hour, this pump features 4.5" material cylinders and is chosen for a broader range of pumping applications than any other model. When shotcreting, the fast switch-over of the swing tube reduces pulsing at the nozzle. For the most critical geotechnical and compaction grouting applications, this machine offers superb control. It easily handles harsh mixes, including low-cement, low moisture, refractory pumping castables.

