

# Application Bulletin

## Hydroblasting Operation Cuts Filter Replacement Costs With Lakos Separator

Changing expensive cartridge filter elements at a rate of up to every 45 minutes, a hydroblasting operation in Rancho Cordova, California, has chosen to install a Lakos In-Line Separator . . . and now finds their replacement costs and downtime have been cut in half. The Separator is installed ahead of two 5-micron and two 1-micron cartridge filters, removing sand, scale, grit and other particle matter from whatever water source is available at the job site.

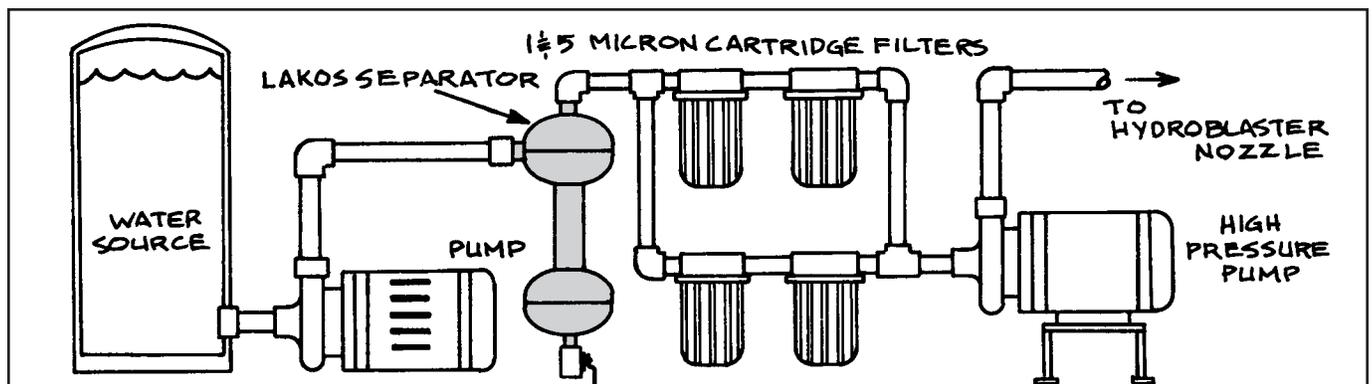
The hydroblasting system utilizes water at a pressure of 10,000 psi (700 kg/cm<sup>2</sup>). It's used for cleaning concrete and heavy equipment and removing chipped paint from a variety of surfaces. A wet-blasting technique is used for removing highway markings from asphalt.

"We get everything from very good tap water to muddy, rusty water from a tank truck," says Joe Miller, owner/operator of Miller Enterprises-Hydroblasting. "The Lakos Separator has saved us 50% in overall cartridge costs and downtime."

At a cost of \$42.00 per set of cartridge elements, Miller figures the Lakos Separator has paid for itself many times over. Maintenance on the separator is minimal, requiring only a 15-second manual purge of accumulated solids when necessary. No replacement elements and no shutdowns for cleaning are also real benefits to Miller.



*The compact Lakos Separator (see photo) was easily retrofit on Miller's portable hydroblaster system as a pre-filter to the cartridges (see illustration).*



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