

Vacall™ Sweeper 14 Dual
Superior vacuum power increases
efficiency on bridge resurfacing

Each year, IVS Hydro, Inc., of Waverly, West Virginia, removes over a million square feet of various concrete surfaces on roads, parking garages, bridges and piers throughout the U.S. Founded in 1972, IVS Hydro has consistently invested in the best hydro-excavating equipment – machines that can work quickly to complete projects fast and minimize traffic flow downtime – building a reputation for optimum safety and efficiency.

The Vacall versatility advantage

IVS Hydro's latest investment in modern hydro-excavating technology is their recent purchase of a Vacall 14D with dual jet cleaners and a pair of high-performance vacuum intakes. ❖ In effect, the unique dual system can pick up debris and wash down the surface in about half the time it takes for a conventional sweeper-cleaner. Plus, the machine requires less manual labor, creating another significant cost savings given the company's volume of work over a year's time. ❖ IVS Hydro used its new Vacall for a 350-foot bridge-resurfacing job along State Rt. 19 near Beckley, West Virginia. After a high-pressure hydro-milling machine removed 3 inches of concrete to expose the steel supports, the Vacall was used to clear about 4 inches of fine sediment and gravel-sized chunks of concrete left behind. ❖ Without the Vacall, the cleanup process involves a crew of workers manually maneuvering a large hose that vacuums the debris into a vacuum truck. Another cleanup alternative involves the use of a large air compressor or fire hose that moves the debris to the end of the work area where workers manually scoop the debris into a truck. ❖ "Normally, we have a vacuum truck and several guys who use a hose to pick up the debris," said Lyle Moore, Hydro Demolition Supervisor and 25-year employee of IVS Hydro. "With the Vacall, I only need one guy driving the Vacall and another making sure he's on the right line. In about three passes, we have removed all of the leftover debris, high-pressure washed the surface and removed nearly all the excess water." ❖ The Vacall



14D has a 14-cubic-yard debris tank built with heavy-gauge galvanized steel that is engineered with an easy-dump tilting tailgate. The debris tank, which is covered by a lifetime warranty, has three drains that allow for trouble-free water dumping to increase storage capacity and keep weight low. To keep workers on the job longer, the water tanks carry 420 gallons of water. ❖ At the request of IVS Hydro, the Vacall 14D was equipped with the dual 48-inch pick-up vacuums that produce 5 Hg and 16,500 cfm – the industry's highest powered vacuum. Each pick-up is equipped with a series of high-pressure water nozzles located at the front of the vacuums, which break up the sediment for easier pick-up and clean the surface in the same pass. ❖ The Vacall leaves the surface ready for the next crew to apply the cap layer. ❖ "We know the Vacall product very well and we knew what we wanted when we ordered this machine," said Moore. "The guys at Vacall gave us exactly what we wanted."

VACALL™

For more information, visit www.vacallindustries.com.
 For a demo, call 330-339-2211. Vacall products are designed, manufactured and supported
 by Gradall Industries, Inc., a world leader in pioneering hydraulic technologies.

