

August 19, 2010



PRODUCER POURS; LADY LIBERTY SUPERVISES

Volumetric mixers are ideal for tight spots, such as on tiny Liberty Island.

By [The Concrete Producer Staff](#)

Every job is important to every concrete producer. But once in a while, a job comes along that is extra special.

That was the case for All County Mobile Concrete of Yonkers, N.Y., just north of New York City. All County Mobile's task was to mix and deliver concrete for a construction project on Liberty Island in New York Harbor. The work involves repairing existing walkways and adding others. The crew would be working under the watchful gaze of the Statue of Liberty.

There are many obstacles for the producer's owner, John Bernal Jr., to overcome. He arrives at the dock fully loaded at 6 a.m. each day. His volumetric mixer truck is then loaded onto a barge for a 30-minute voyage across the harbor and onto the famous island. Work must be completed by 9:45 a.m. each day so that the Liberty Island Visitors Center can open for tourists from around the world.

Each day, the amount of materials transported varies; daily pours range from three to six yards. Since Liberty Island is only 12 acres, All County Mobile's Zimmerman volumetric mixer truck was ideal for the tight job. A special blended cement containing 40% ground granulated blast furnace slag for a 4000 psi mix design was needed to meet specifications. The test results exceeded specifications, breaking cylinders in seven days at 5400 psi.

Hook lift system

The Cemen Tech MCD6-100 hook lift is designed to allow the truck chassis to transport and deliver concrete using the Cemen Tech MCD6-100 body. It is designed to carry the materials necessary for concrete production in separate compartments and then accurately measure them out at the jobsite. This enables end-users to produce fresh, high-quality concrete in the exact quantity and specification required. When the MCD 6-100 body is not needed, it can be quickly unloaded or detached from the truck using the hook lift system, thus freeing the chassis to perform other work. Cemen Tech. 800-247-2464. www.cementech.com.

Reduce waste

The Elkin Hi-Tech trailer is designed to produce exact quantities of concrete, reducing waste and the carbon footprint in concrete production. It also reduces labor costs, as owners can meet their production needs in their time frame with fewer hours of downtime. The manufacturer's models have capacities from two to 10 cubic yards and production rates from 15 to more than 200 yards per hour. With infrastructure repairs in mind, the trailer is ideal for street patching and repairing where small amounts of concrete are required with different mix designs. Elkin Hi-Tech. 800-245-6899. www.elkinhitech.com.

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