

# Floating Concrete Batch Plants

## Taking Concrete Off-Road



The New NY Bridge project will utilize more than 300,000 cubic yards of concrete to create the new twin-span crossing. **Floating batch plants** are supplying approximately two thirds of that total, effectively eliminating 20,000 concrete truck trips from local roadways.

The floating batch plants are designed to efficiently produce and deliver concrete **“on demand.”** They are easily maneuvered around the 3.1-mile project site by tugboats as needed, saving time and streamlining operations across the river.

The silos of the batch plants hold the raw materials, which are then **mixed in precise proportions** by an onboard operator to create high-quality concrete. The final mixture is then delivered through a large “placement boom,” seen above in blue.

Each plant regularly produces up to 75 cubic yards of concrete per hour, more than enough to **fill 37 full size pickup truck beds.**

The remarkable production rate rivals the capabilities of most land-based batch plants while maintaining a high degree of quality control.

The floating batch plants are crucial tools that benefit both the bridge builders and local communities.

*[Learn more at NewNYBridge.com](http://NewNYBridge.com)*

### QUICK FACTS

#### 1 TONS OF MATERIAL

The amount of concrete on the New NY Bridge project is enough to build a 1,500-mile sidewalk from the project site to Key West, Florida.

#### 2 BIG BATCHES

The project’s largest floating batch plant is capable of delivering 180 cubic yards of concrete per hour, enough to fill 18 cement trucks.

#### 3 SPECIAL DELIVERY

The batch plants’ 130-foot placement booms deliver concrete to remote locations on the project site with great precision.



#### *Did You Know?*

The floating batch plants supply concrete for the new bridge’s foundations, piers and even the iconic main span towers.

