CMQ ENGINEERING USA

Portabatch™

Mobile Concrete Batch Plant



Ready-Mix. Built for the Road.

The Portabatch is a fully mobile, front-end loader-fed concrete batching plant built on a heavy-duty, custom-engineered chassis. It is easily towed by a standard semi-tractor without requiring an escort.

No cranes are required for setup. Rapid setup and takedown take just 2 to 3 hours.

Delivers a high-output performance of 90 to 100 cubic yards per hour—yielding roughly 10 loads per hour.

The Portabatch is one of CMQ Engineering's most well-known product lines worldwide. It is designed to meet the rigorous demands of the U.S. ready-mixed concrete and heavy civil construction industries. Over 150 Portabatch plants have been delivered to mine and project sites internationally. All are still operating. They are extremely reliable and robust, while also being simple to operate and easy to maintain.

Easily towed by a standard semi-tractor without requiring an escort, the Portabatch eliminates the need for expensive or hard-to-position cranes during setup. The Portabatch empowers ready-mix operators and contractors to maximize efficiency, bypass transit delays, and maintain total control over their supply chain.

exclusive United States distributor:

CEI
Concrete Equipment Innovation™

Components

Cement Storage Silo

- 55 Ton Capacity
- Overfill Protection
- Reverse pulse filter ducted to 3 feet from the ground
- Folding silo hand rails
- Wind up ladder access to silo roof
- Two quick release silo inspection hatches on the roof
- Shedder angle mounted above silo horizontal screw
- Sliding shut-off plate above the horizontal screw allows the screw to be emptied for transport and maintenance, with product remaining in silo.

Aggregate Weigh Hopper

- 420 ft³ Volume
- 10 yd³ Batching Capacity
- Designed for free flow without bridging
- Mounted on load cells
- Flanged discharge gates have sealed bearing pivots
- Removable LED weight indicator with sun shade for ease of view.

Cement Weigh Hopper

- 5.4 Ton Capacity
- Shedder plate above discharge screw
- Two auxiliary inlets for additional storage silos
- Reverse pulse dust filter

Water Storage Tank

- 2,110 Gallon Capacity
- High capacity water pump and 3” delivery line
- Water controlled by pulse meter
- Delivery line also allows for additional external water supply.

Discharge Conveyor

- 30” wide belt
- Rubber lagged head drum with dust suppression spray nozzles mounted around the discharge hopper
- Spring-tensioned belt scraper
- Low maintenance, heavy-duty conveyor belt take up

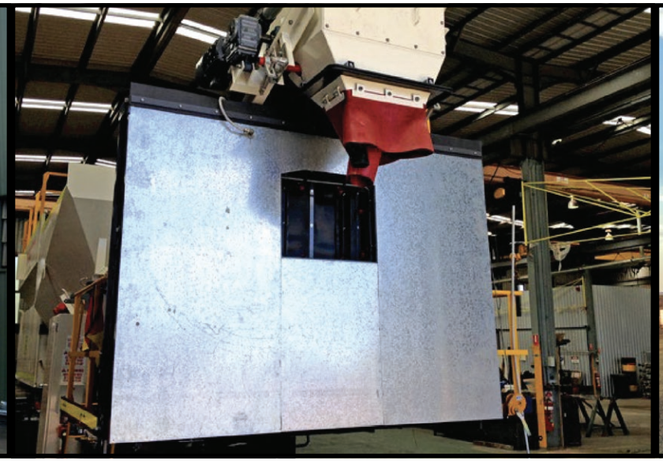
Chassis

- Specially-designed, with tri-axle assembly
- Six manual wind-down legs for leveling
- Oversize sign, flashing light and four oversize flags mounted on the corners

Optional Extras



Platform and ladder for access to gen set and CWH filter



Folding truck loading bay cover — traveling position



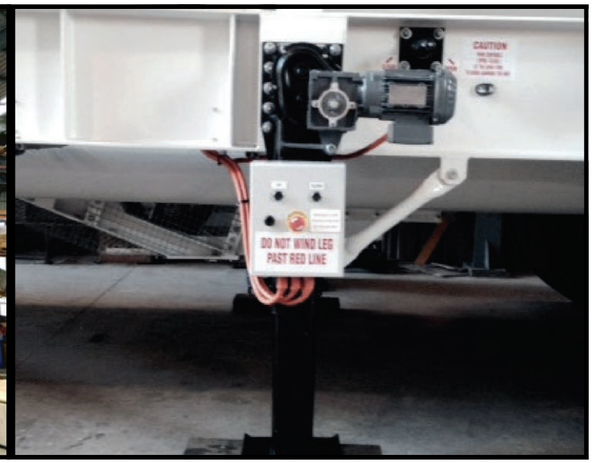
Folding truck loading bay cover — deployed



Cement weigh hopper filter access



Pneumatically operated folding hand rails

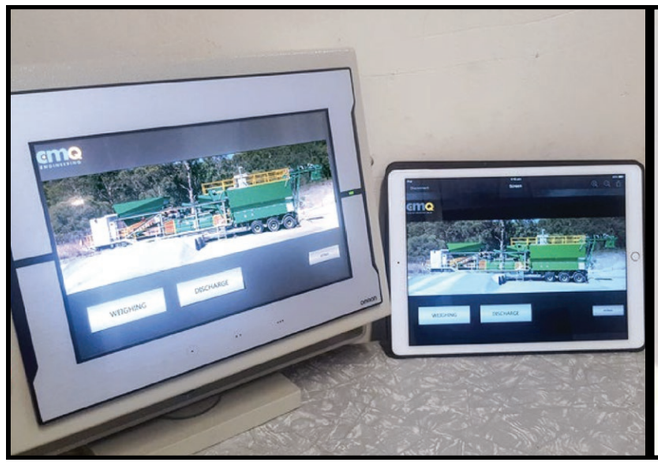


Electrically operated wind down leveling legs

Electrical & Controls

- Electrical wiring using steel wire armored cable
- Removable control panel with 65ft lead
- Control circuitry is 24V DC
- 64 kW generator mounted in an acoustic enclosure
- 28 CFM air compressor
- Remote grease lines, mounted on the chassis

Option to upgrade to feed a continuous mixer to produce **cement treated base** or **backfill paste**, as well as a twin shaft mixer for **wet batch** production. The computer control system is WiFi connected, allowing quick removal of the trailer (in 30 minutes) and the batching of concrete from the Portabatch.



Touch screen batch system with optional iPad



Removable manual panel



Portabatch™ plant shown with optional 100-ton auxiliary cement silo.



Portabatch™ plant with optional 4-bin aggregate unit and two auxiliary cement silos.

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