

The Windows Touch

No two precast plants are alike. The TouchBatch system, with a PC-based Windows software and a PLC-based plant interface, has the flexibility needed to automate your particular plant configuration. It is a straightforward, open system that has the capacity to adapt to new tasks as your plant evolves and grows.

The Windows software is the key to ease-of-use: *easy* to operate because of the familiar user interface, *easy* to link to for upgrading or problem solving, *easy* to integrate with the rest of your business.

The TouchBatch system takes care of precast needs such as precise moisture control and the flow of concrete from batch plant to mixer to casting machines.

Both the manual backup and the scale indicators are capable of operating independently from the computer, ensuring a reliable backup.

All hardware used in the *TouchBatch* is non-proprietary to ensure spare parts are readily available off-the-shelf from multiple sources. In many cases we can reuse your existing scales and manual panel or you can specify a custom panel designed to fit your plant.



Powerful production control

Schedule the production for the day and the computer will take care of batching, mixing and delivering the concrete to each machine. Accurate and consistent batching minimizes interruptions and achieves the best quality in every batch. The system is fully multi-tasking and capable of handling multiple scale hoppers for each group of materials and dual mixers with multiple discharge gates in each mixer.

Graphical batching screen

An intuitive batch screen with live graphics shows the status of all your plant devices in real-time during batching.

Easy to use software

The user friendly *TouchBatch* software is designed to take full advantage of touch-screen technology. The user interface is clean and uncluttered, designed to take advantage of touch-operation. Just touch the screen with your fingertip or use a mouse to operate the system.

The "One level" menu design allows switching between windows at the touch of a button, eliminating time consuming multilevel menus.

This is software that makes you feel right at home the first time you use it!

Automatic moisture control

Especially recommended for dry-cast and self compacting concrete production, the Mixer Moisture Control option calculates the water addition to the mixer necessary to bring the concrete moisture to the exact target specified for each mix design. This software feature is totally integrated and much easier to use than standalone moisture controllers.

Superior batching...

Fast, accurate and consistent

The Windows/XP based software in the **TouchBatch** system has an "Adaptive Look-Ahead" free fall compensation using real-time material flow rates in order to batch all materials with accuracy. As a result, there is little or no jogging, which makes for increased production and consistent batching.

Mixer moisture control

The system measures the combined moisture of all dry materials in the mixer and calculates the exact water target to achieve the desired moisture *in one step*.

This powerful option integrates the mixer moisture sensor directly into the batch software and effectively eliminates the need for a stand-alone moisture control computer. The result is a more precise and reliable moisture control.

You can easily alternate between dry-cast and wet-cast jobs while always achieving the right moisture.

Aggregate moisture compensation

By reading microwave moisture probes in the aggregate bins the system automatically compensates for moisture and yield during batching. You can also manually enter the moisture for any material.

Easy moisture probe calibration

Moisture probe calibrations for aggregate bins are easily done from within the **TouchBatch** program, instead of using a third party program.

To avoid re-calibrating moisture probes when switching materials to different bins, moisture calibration tables can be stored and reloaded for each material.

All digital scales

The **TouchBatch** uses a digital data link to read scale indicators, instead of analog signals that usually drift with time.

This guarantees the readings on the computer screen always correspond exactly to those on the scale indicators, with no possible drift between the two readings. Simple and Safe!

Color batching

Our color batching option tightly integrates with the concrete batching: color targets are stored within each concrete mix design and batch results from both color and concrete batching are stored together in the same Q/C Log for more convenience.

This option effectively replaces external color batch controllers.

Reliable manual backup panel

The **TouchBatch** manual panel guarantees the operation of your plant because it uses 120V-AC industrial grade buttons to drive the plant (no electronic components). In addition, all parts are non-proprietary and are widely available from multiple vendors.

Production reports

Batch results recordation of target and actual weights as well as W/C ratios, water trim and manual adjustments keeps track of quality control and inventory, while a suite of built-in reports shows production details and totals within any specified time period.

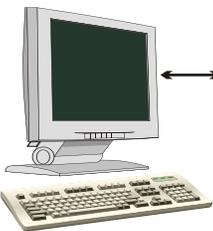
Excellent product support

Our responsibility does not end with the installation of your system. We have expert technical support available at all times (even after hours and during weekends) to answer your questions and do whatever it takes to help you make the most of your system.

Our technicians can link with your **TouchBatch** via modem or Internet for direct assistance or to deliver software upgrades that keep your system current.

TouchBatch™ system

Flat screen LCD monitor

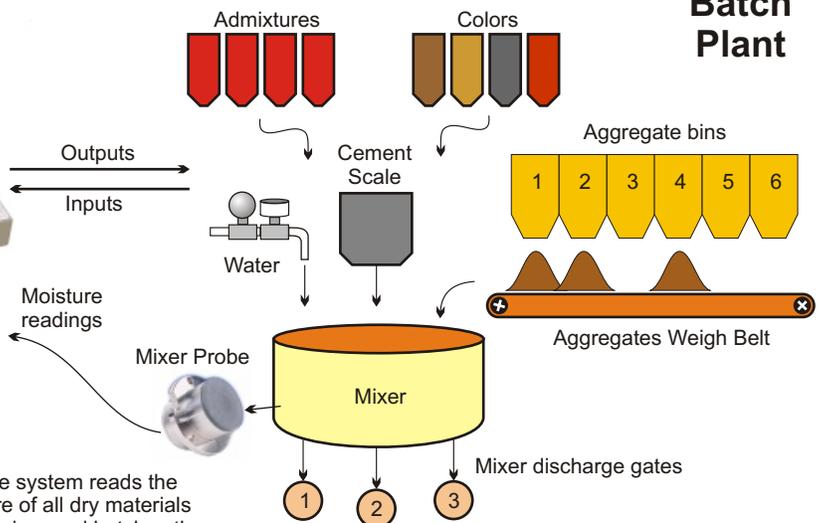


Windows based PC for plant control, job scheduling, reports and database.

Control cabinet with PLC-based interface, integrated manual backup and standard scale indicators.



NEW! The system reads the moisture of all dry materials in the mixer and batches the exact amount of water to achieve the desired moisture. *Simple, effective and easy to calibrate.*



Batch Plant

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