WCS

Wiggert Control System
An Investment In The Future

ADVANCED CONCRETE TECHNOLOGIES®

WE ADD PROFITABILITY TO THE MIX

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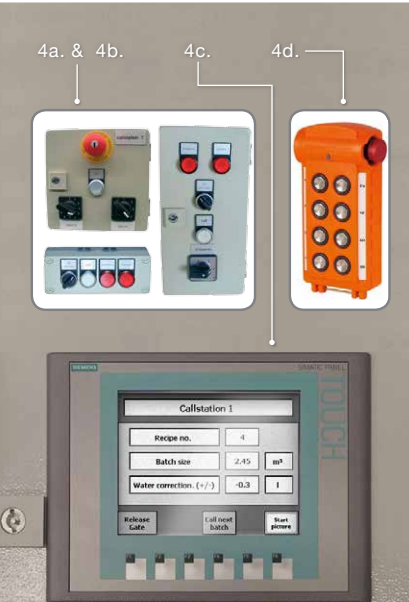
WCS – Wiggert Control System

All-in-one solution for your concrete production.

WCS combines Hardware (Motor Control Center) and Software (Microsoft Windows-based operating system; Siemens PLC) in an efficient control system. All components factory bench tested with plant simulation before delivery.

The WCS is based on several modules:

Main module:
- Order management.
- User management.
- Visualization.
- Manual control.

Recipe administration:
- Recipe input.
- Component management.

Maintenance module:
- Maintenance intervals of the plant.
- Maintenance intervals of on-site plants.

Statistic module:
- Material consumption statistic.
- Production statistic.
- Recipe statistic.
- Cost statistic.

Quality assurance:
- Database storage.
- Data export (also ERP-System).

1. **Hydromat concrete moisture control** Automatically controls the water/cement ratio for a consistent mix.

2. **Safety standards** WCS overviews all the plant's safety standards according to the latest safety regulations.

3. **Hydrotester** Abrasion-resistant high-quality probe installed in the active flow area. Measures the moisture content of aggregates.
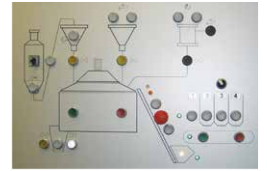
4. **Concrete Call Stations**
   a. **Basic:** Concrete call for one program. Control box with call button and status/disturbance indicator lights.
   b. **Classic:** Control box with selector switch for quantity and/or recipe. Control button for moisture correction.
   c. **Comfort:** Control box with touch screen. Flexibility in selection of recipes, concrete volume, moisture correction and discharge position.
   d. **Wireless version** available.

Note: as with all of our equipment, some features are optional. All metric-to-imperial conversions are approximate.

Four control options*
available to suit your needs

WCS – Classic:
One Microsoft Windows-based PC with **one** monitor.
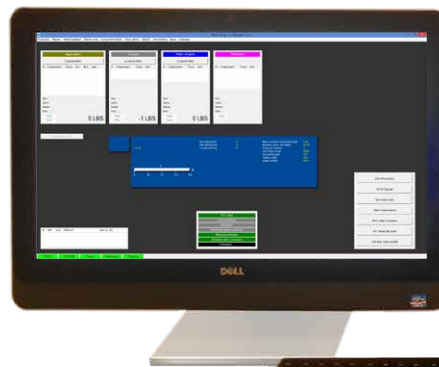Manual control via push buttons on graphical operator panel
at MCC cabinet.

WCS – Basic:
One Microsoft Windows-based PC with **one** monitor.
PC also available built-in to the MCC.

WCS – Standard:
One Microsoft Windows-based PC with **two** monitors.

WCS – Pro:
Two Microsoft Windows-based PC's
with **two** monitors.
Redundant System.

**Teleservice WCS Support
included with all control
options.**

To provide support,
our experts can access,
troubleshoot and update
your WCS remotely via
TeamViewer.

A video-
conference
service via
Skype is also
available.

* Touch screen and
curved high-quality
monitor upgrades
are available with
all control options.

Engineered in Germany

Flexible equipment program for superior concrete production across North America.

WiCoMix Plants, MobilMat Plants, CentroMix Plants.
Aggregate, Water, Cement, Admixture, Color and Fiber handling and dosing.
Planetary Countercurrent Mixers HPGM, Twin Shaft Mixers DWM,
Water Recycling Systems, Concrete Transport Systems and Control Systems.

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ACT is the American division of Wiggert & Co.