WCS
Wiggert Control System
An Investment In The Future
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.

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**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.

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* 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,