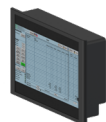


CRUISECONTROL ENHANCING AUTOMATION

SOFTWARE



BRACKET



CruiseControl is a comprehensive system designed to enhance the efficiency and consistency of concrete management at batch plants. This system integrates two key components: ConsistencyControl and AutoEmpty.

ConsistencyControl is a software enhancement that dynamically adjusts the addition of plasticizers based on the mixer's torque. This results in more consistent concrete quality across different batches, improving workability and ensuring uniformity.

AutoEmpty is a hardware upgrade that automates the control of the batch plant's discharge gate, maintaining an optimal concrete level in the pump's hopper. By initiating a new batch when the mixing chamber is empty, AutoEmpty reduces the need for manual intervention, increasing efficiency and safety.



Increased Operator Efficiency

By automating key processes, CruiseControl eliminates the need for a dedicated pump operator during 3D concrete printing, allowing one material operator to manage the operation.



Enhanced Output

The combined operation of ConsistencyControl and AutoEmpty boosts concrete output by up to 50%, making the batching process more efficient.



Improved Safety

Automating the monitoring of concrete levels minimizes the risk of human error, thereby creating a safer work environment.



Consistent Quality

ConsistencyControl ensures that every batch meets the same high standards, delivering uniform quality and workability.



Faster Mixing Time

The system optimizes the batching process, enabling the delivery of up to 3 m³/h of concrete when fully optimized.

TECHNICAL SPECIFICATIONS

SOFTWARE UPDATE

Requirement	To ensure optimal performance, your batch plant's software needs to be updated to the latest version. This update can be scheduled by contacting our technical support team at techsupport@cobod.com.
Process	Please email techsupport@cobod.com with a photo of the batch plant's machine plate and the Team-Viewer password.

HARDWARE

Requirement	Apart from the material level sensor, no additional hardware is needed for COBOD Mini Batch Plants with existing watt-meter control.
Sensor Model	Microsonic Distance Sensor
Means of measurement	Echo Propagation Time Measurement
Range	85 mm to 600 mm 3.3 in to 23.6 in
Operating Temperature	-25°C to +70°C -13°F to +158°F
Type of Connection	5-pin M12 initiator plug
Mounting Bracket	Insert the distance sensor into the bracket and secure it on the pump's grid.
Bracket Dimensions	45 mm x 80 mm x 200 mm

For more details about CruiseControl, contact your regional sales manager or explore the information provided on COBOD Connect. To schedule the CruiseControl software update, please email techsupport@cobod.com using the button below.

Contact Us



Software Update

The CruiseControl software update is designed to ensure consistent concrete quality and reduce manual intervention, particularly in tasks like adjusting plasticizer levels. To fully optimize your batch plant's performance, please coordinate with our technical support team to implement the latest software update. Comprehensive, step-by-step instructions can be found in the CruiseControl User Instruction.



Mounting Bracket

Our mounting bracket is developed to provide both precision and protection, ensuring the material level sensor is perfectly positioned for the AutoEmpty feature and safeguarded from external conditions. While standard models are readily available, the bracket can also be 3D printed on demand through our COBOD Connect platform for swift production and installation.

Read more