

Concrete Batcher Questionnaire

Customer Number:

Company: Name:

Date: Phone: Fax: Email:

1. Tell Us About Your Current System

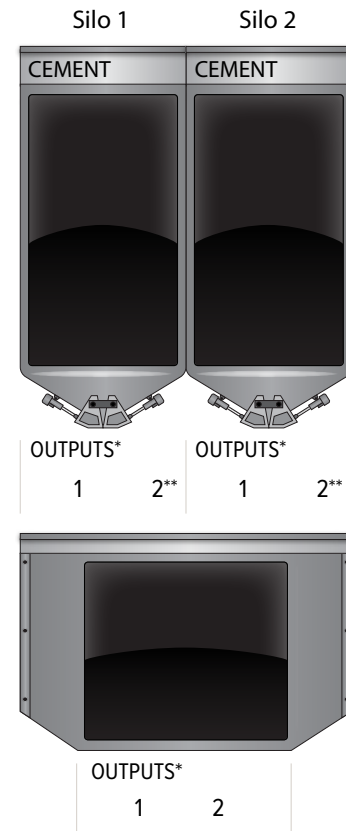
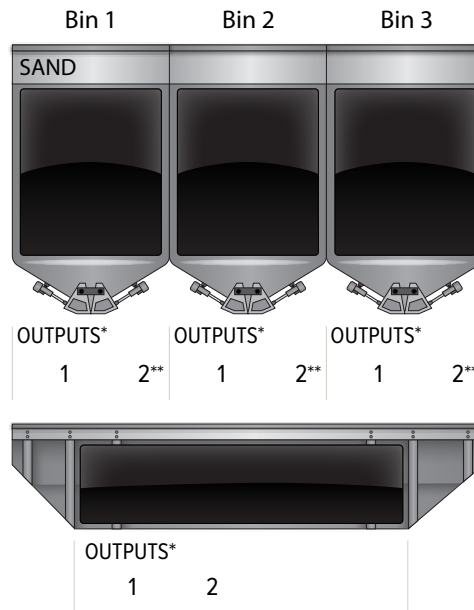
Check boxes in either Accumulative or Decumulative to reflect your current system. Type in any bin materials you use.

Accumulative System

Plant batch size requirements (cubic units):

Maximum

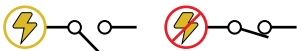
Minimum



*ELECTRICAL REQUIREMENTS

1 output:

Voltage on to open, voltage off to close



2 outputs:

Voltage signal to open, voltage signal to close



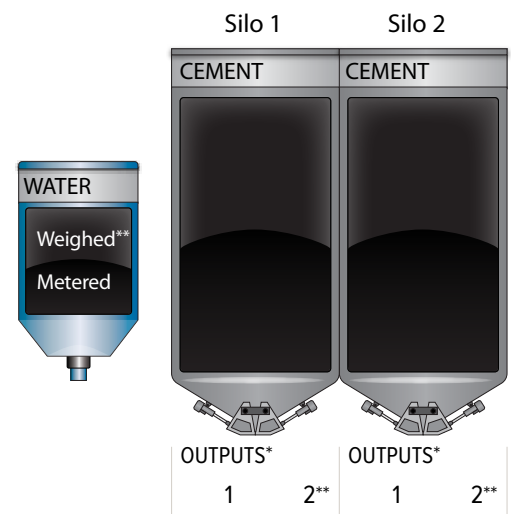
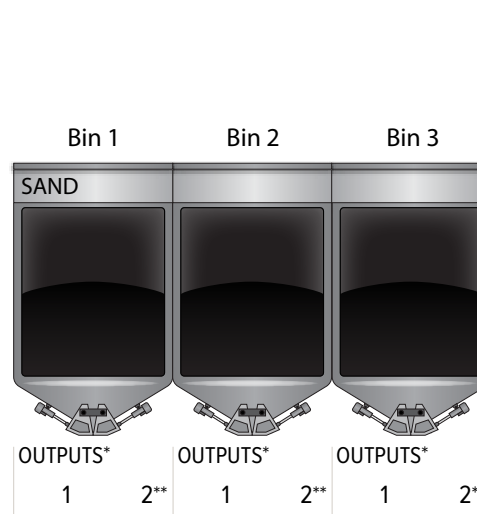
**Customization of standard product required

Decumulative System

Plant batch size requirements (cubic units):

Maximum

Minimum



2. Weigh Ticket Information

Ticket example is shown below. Please include any custom information in the space below and provide an example ticket.

Ticket #: 3
Customer: Rice Lake Weighing Systems
Truck #: 1258

Mix ID: 1
Mix Name: Test Mixture
Quantity: 1.0 CY

Ingredient	Target	Actual	%TOL
Sand	1200 lb	1195 lb	-0.4%
Stone2	1000 lb	1010 lb	1.0%
Stone1	800 lb	800 lb	0.0%
Cement	400 lb	400 lb	0.0%
FlyAsh	200 lb	205 lb	2.5%
Admix 1	10 oz	11 oz	10.0%
Admix 2	5 oz	5 oz	0.0%
Admix 3	6 oz	6 oz	0.0%
Admix 4	6 oz	6 oz	0.0%
Water	50 gal	50 gal	0.0%

08:08 AM 12/13/2024

3. Input Requirements:

Please indicate all the applicable inputs for this system.

Decumulative
Batcher

Accumulative
Batcher

Decumulative
Batcher

Accumulative
Batcher

Admixture 1 Bottle Empty

Air Pressure OK

Admixture 1 Pulse Meter

E-Stop

Admixture 2 Bottle Empty

Water Meter Pulse

Admixture 2 Pulse Meter

Conveyor Running

Admixture 3 Bottle Empty

Weighed Water Gate Closed
Limit Switch

Admixture 3 Pulse Meter

Aggregate Hopper Gate Closed
Limit Switch

Admixture 4 Bottle Empty

Cement Hopper Gate Closed
Limit Switch

Admixture 4 Pulse Meter

Manual Mode

Are there any additional 120V or 240V input requirements not mentioned in the previous list such as sensors, switches, limit switches, photo eyes, etc?

If so, please specify in the space provided.

4. Output Requirements:

Please indicate all the applicable outputs for this system.

	Decumulative Batcher	Accumulative Batcher		Decumulative Batcher	Accumulative Batcher
Conveyor Start/Run			Water Fill/Feed		
Alarm/Horn			Weighed Water Discharge Gate		
Bin 1 Discharge			Admixture 1 Discharge		
Bin 1 Vibration			Admixture 1 Fill/Feed		
Bin 2 Discharge			Admixture 2 Discharge		
Bin 2 Vibration			Admixture 2 Fill/Feed		
Bin 3 Discharge			Admixture 3 Discharge		
Bin 3 Vibration			Admixture 3 Fill/Feed		
Cement Hopper Gate (Close)			Admixture 4 Discharge		
Cement Hopper Gate (Open)			Admixture 4 Fill/Feed		
Cement Silo 1 Feed			Aggregate Hopper Gate (Close)		
Cement Silo 2 Feed			Aggregate Hopper Gate (Open)		
Cement Weigh Hopper Air			Aggregate Hopper Vibration		
Cement Weigh Hopper Vibration			Aggregate Weigh Hopper Air		
Cement Silo 1 Air			Dust Collector 1		
Cement Silo 2 Air			Dust Collector 2		

Are there any additional 120V or 240V output requirements that were not covered in the previous list, including but not limited to air solenoids, vibrators, aerators, motor starters, horns or lights?

If so, please specify in the space provided.

5. Weighing and Moving Aggregates and Cements:

5a. Apart from a feed gate and gravity, does the aggregate require any equipment to move it from a surge bin into the weigh hopper?

5b. List equipment used to move aggregate into the truck or mixer. For example: "Gate opens releasing product. Product travels via conveyor to truck."

5c. List equipment used to move cement from silo into weigh hopper:

5d. List equipment used to move cement from weigh hopper into the truck/mixer:

6. Admixtures and Water

6a. Does the process use more than the standard front- and tail-water additions?

Yes No

If yes, describe:

6b. How many admixtures does this system use?
NOTE: Four is the default maximum.

How Many

6c. Describe any mix design methods used (bottle or direct).

7. Drawing of Plant

A drawing helps show system integration and design. Please include the location of all moving parts (gates, conveyors, augers), sensors, load cells, bins, silos, water and admixture lines.