

# Mobile Control

## INITIATE, CONTROL, VERIFY - REMOTELY

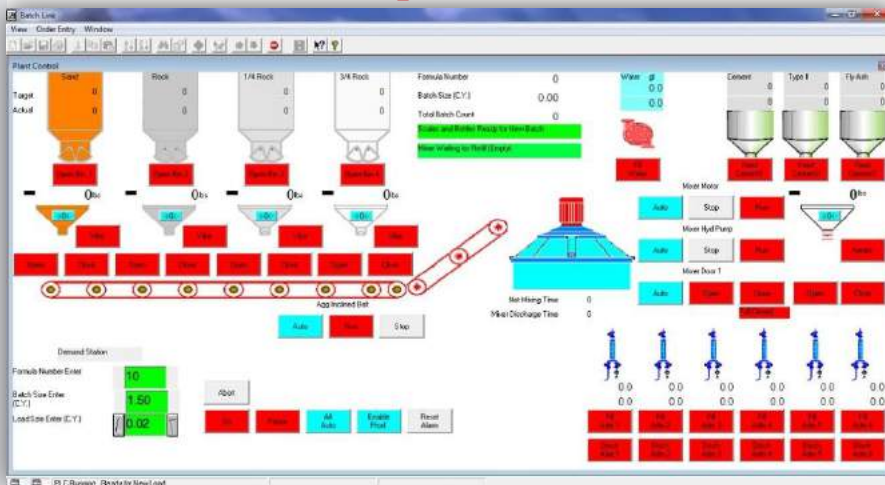
Now you can take control of your plant from the production floor, the yard, the office – anywhere within the range of your tablet's WiFi signal. Everything you can do on your control system, you can do on your mobile control. Choose a formula; schedule deliveries, start a batch; correct batching errors; solve holdups; signal your mixer to fill your bucket, hopper or truck; even view batch reports on the run. Mobile Control gives you full control.

### Free your batch operator

Let him check on progress of your crews, schedule production and deliveries, make the adjustments that improve quality, save time and money and make everyone's life easier.



### Your window on the plant



### All the functions of your batch controller

- Manual controls for all plant functions – gates, conveyors, mixer etc.
- Create or edit formulas; make adjustments to improve product quality.
- Make temporary adjustments such as air entrainment and slump.
- View graphs of mixer moisture, slump and temperature.
- Set up batches and delivery to each crew.
- Start batches or a continuous run of batches.
- Monitor progress and react to alarms for weight tolerance errors etc.
- Choose whether to charge mixer immediately or wait for your command.
- Modify mixer charging sequence, mixing time etc. on the fly.
- Discharge mixer when ready or only on your command.
- View paperless batch reports.
- View inventory, record deliveries.
- Modify reports or create new reports.



From your BatchTron – to your computer – and wireless modem – to your Mobile Control

# SYSTEM MENUS AND SCREENS

## Formula edit

Formula Name	Formula Number	Formula Type	Formula Usage	Sand	Rock	1/4 Rock	3/4 Rock	Cement	Type II	Fly Ash	Cold Water	Air	SuperPl	Retard	Rheopel	NC534	Admix 6
DryConcr	1	Pave	Dem	1001	100	1000	1004	201	202	203	30.1	5.1	5.2	5.3	5.4	5.5	5.6
WetConcr	2	Man i	Dem	1002	100	1000	1004	202	202	203	31.0	5.1	5.2	5.3	5.4	5.5	5.6
WaterbyM	3	Floor	Dem	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FormulaA	10	Septic	Dem	1010	100	1000	1004	501	502	503	31.0	5.1	5.2	5.3	5.4	5.5	5.6
Formu111	111			1001	100	1000	1004	201	202	0	30.1	0.0	0.0	0.0	0.0	0.0	0.0
Formu299	299			1299	100	1000	1004	201	202	203	30.1	0.0	0.0	0.0	0.0	0.0	0.0
Formu300	300			1300	100	1000	1004	201	202	203	30.1	0.0	0.0	0.0	0.0	0.0	0.0

## Precast/Products batch setup

Demand Station

Formula Number Enter: 10

Batch Size Enter (C.Y.): 1.50

Load Size Enter (C.Y.): 0.02

## Ready-mix order entry

Order ID / Name / Info	Job ID / Name / Info	Customer Name	Order Size	Order Size Done	Order Delivery Schedule Date	Order Delivery Schedule Time	Mix Design Number	Mix Design Name	Mix Design Type	Mix Design Usage / Slump / Spread	Customer Full Address	Customer Full Contact Info	Customer Delivery Address	Customer PO Number	Order Received Date	Order Received Time
Order as an example	Job for state high w	1st customer	110.00	0			5				1st cu	1st cu	1st cu		8/12/2	3:01:14
Order for training	Job for storehouse	2nd customer	120.00	0			1				2nd cu	2nd cu	2nd cu	Cus3 F	8/12/2	3:01:14
Repeat order 1	Job for storehouse	3rd customer	200.00	0			1				Cus3 F	Cus3 C	Cus3 C	Cus3 F		
Repeat Order 2	Job for tining	4th customer	200.00	0			3	TRDF	PSI 2	Roof	cus4 e	Cus4 c	cus4 d	cus4 F		
Test		5th cus	1.00	0			0				cus5 e	cus5 c	5th cus	cus4 F		
Walking Order 1	Job for Walking	walk in customer	1.00	0			1				walk ir	walk ir	walk in	walk ir		

## Trucks and drivers

Sequence	Licence Plate	Truck #	Truck Capacity (Cu Yd)	Agg Load Rate (lbs/s)	Cement Load Rate (lbs/s)	Unload Rate	Available (Truck in Good Condition)	Available For Loading
8	348-0409	chris		0	0		True	True
9	485-346	peter		0	0		True	True
10	652-385	Robert		0	0		True	True
11	A200	Gay Cox	10.00	0	0		True	True
1	Truck 1	driver 1	6.00	0	0		True	True
212	Truck 2	driver 2	10.00	0	0		True	False
2	Truck 3	driver 3	10.00	0	0		True	False
3	Truck 4	driver 4	0	0	0		True	True
4	Truck 5	driver 5	0	0	0		True	True

Mobile Control is a ruggedized tablet that works with your BatchTron and either BatchLink Order Entry or BatchLink Reporting fitted with its optional Remote Control. Scale-Tron's BatchLink software includes setup and operating menus for Concrete Products plants and additional Order Entry / Truck Dispatching for Ready-Mix operation.

## SYSTEM SPECIFICATIONS

Tablet size:	10.1" (257mm) touch screen with "Gorilla Glass" and rubberized case.
Operating system:	Android
WiFi range:	820 ft (250m) in free space, 230ft (70m) inside buildings., Can be increased with use of additional wireless routers and antennas.
Battery life:	One day of normal use.
Other features:	Email, Text messaging, Phone, Speakerphone, Scheduler, Memo pad, Internet, Clock and timer, Calculator, Camera and much more.
Memory:	16 GB internal plus up to 32 GB micro SD card.
Power:	100-250 volt universal charger.
Size, weight:	6.9" (175mm) x 10.1" (256mm) x 0.38" (10mm), 1.3 lb (580g).

## Paperless reports

**Batch Report** NORTH EAST READY MIX INC.

Reporting Units: Us

Batch Number= 1    Set Value= 1    Actual Value= 0

Formula Number= 2

Formula Name= AMP352    Demand Number= 1    Date: January 03, 2000

Load Number= 26    Mixer Number= 1    Time: 2:38:03 PM

Customer= EASTERN HOUSES 8    Batch Size= 377 %

Name	Type	Moisture(%)	Actual	Target	Units	Deviation
Admix 1	Air Entraining		100	100	Oz	0%
Admix 2	Retarder		110	110	Oz	0%
Aggregate 1	Sand	1.2	3997	3990	Lb	0.2%
Aggregate 2	Gravel 3/16	0.8	3922	3948	Lb	-0.7%
Aggregate 3	Gravel 5/8	1.9	8212	8228	Lb	-0.2%
Cement 1	Cement		2511	2493	Lb	0.7%
Cement 2	Silica Fume 1		822	831	Lb	-1.1%
Water 1	Water		161	150	Gal	7.4%

Water Added to Batch= 160.617 Gal    Total Water in Aggregate= 27.757 Gal

Water Cement Ratio= 0.47    Total Water in Admixes= 0 Gal

Volume= 5.02 Cubic Yards    Total Water in Batch= 188.374 Gal

Water Trim= 0 Gal

**SCALE-TRON**

Automation, Sensors and weighing system

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