

Steps for quick start:

- Factory default on **Tools** Screen
- Set up **System**
- Set up **Valves**
 - Speed calibration
 - Conv. (autonull for auto mode)
 - same for prewet or deice
 - Spinner (manual null)
 - Gate (cal for non-man modes)
- Set up **Materials**
 - Configure solid rates
 - same for prewet or deice
 - Calibrate solid material
 - same for prewet or deice
 - Catch test solid material
 - same for prewet or deice
- Calibrate joysticks if equipped



System

REGION: Metric Alarm Speed: 88

TRUCK: Mat+Gate GS12 Speed: 0

DRIVER1: RoadWatch Blast Timer: 0

Temp Comp: 0

Spinner Reverse/Air Gate Button: Under app solid off

Remote Pause Only: Under app prewet off

Electric Prewet: Under app deice off

Full Screen Low Oil/Dump Limit/Body Up Msg: ☒

1 - Solid blast too long 15 No Action

Tools

Parameters: Factory Default Load Sync Profiles

Accessories: I/O Mapping

Digital Out 1-V3B: None

Digital In 1: None

A1-A: None

Valve Dither: 150 Hz

Upgrade RC

Joystick

Stick No. Joy 1

Per Float: Non Rat

No Prox

PFloat2

B1 Pause

B2 Mode1 Flow

B3 Mode2 L/Wing

B4 Mode3 L/Wing

B5 Mode4 Hold

B6 Emrg

User 1 Name 1

User 2 Name 2

Stop

Speed

Automatic Speed Calibration

In the box below Enter a speed to perform the speed Calibration

Note: Best to calibrate at or near the normal travel speed

40 kph

Start

Manual Speed Calibration

In the box below Enter the pulses per mile or km

20000 pulse/km

0 kph

Conveyor

Conveyor: Auto Sensor Pulses: 50

Auto Null

WARNING: Conveyor will run when Start button pressed

Start Press 'Start' to begin the auto-null cycle

Manual Null

WARNING: Conveyor will run when min or max is selected

Click on either Min Or Max to select, Up/Dn to change

Min Output: 40.0 % - 0.9 A

Max Output: 80.0 % - 1.8 A

Gain: 60.0

500 Hz

Spinner

Spinner: Manual

Lane Calibration

WARNING: Spinner will run when Lane Cal button pressed

Lane Cal Press Lane Cal to start calibration

Manual Null

WARNING: Spinner will run when min or max is selected

Click on either Min Or Max to select, Up/Dn to change

Min Output: 40.0 % - 0.9 A

Max Output: 70.0 % - 1.6 A

Blast: 0.0 Spinner Stop Speed

Gate

Gate: Man

Manual Mode

- Set minimum and maximum gate positions

Readback Mode

- Move gate to min or max position
- Tap the min or max value to save

Automatic Mode

- Press UP/DN arrow to move gate to min or max position
- Tap min or max to set gate position
- Tap again to save

Maximum: 10 4.89 V

Minimum: 0 0.49 V

Pre-Wet Valve

Pre-Wet: V Flow

Auto Null

WARNING: Pre-Wet will run when Start button pressed

Start Press 'Start' to begin the auto-null cycle

Manual Null

WARNING: Pre-Wet will run when min or max is selected

Click on either Min Or Max to select, Up/Dn to change

Min Output: 35.0 % - 0.8 A

Max Output: 75.0 % - 1.7 A

500 Hz

Anti-Ice Valve

Anti-Ice: 3 Boom

Before nulling open all booms

Auto Null

WARNING: Anti-Ice will run when Start button pressed

Start Press 'Start' to begin the auto-null cycle

Manual Null

WARNING: Anti-Ice will run when min or max is selected

Click on either Min Or Max to select, Up/Dn to change

Min Output: 35.0 % - 0.8 A

Max Output: 75.0 % - 1.7 A

500 Hz

Solid Material

Solid Material Setup

Selected Material: SALT-- Blast Mode: Clsd Lp

30 60 90 Cal Gate: 5

120 150 180 Weight/Rev: 1

210 240 270 Blast Rate: 270

Calibration Catch Test

Ensure enough material to cover the gate completely Press Start when ready

Prepare Rate/Speed/Time Ensure enough material Press Start when ready

Start Start

Pre-Wet Material

Pre-Wet Material Setup

Selected Material: LIQUID-- Solid: SALT-- Reduce: Disabled

2 4 6

8 10 12 Pts/gal: 1600

14 16 18

Calibration Catch Test

Ensure enough liquid in the tank and system safe to run

Prepare Rate/Speed/Time Ensure enough material Press Start when ready

Start Start

Anti-Ice Material

Liquid Material Setup

Selected Material: DEICE0 Blast Mode: OFF

10 20 30

40 50 60 Pts/Lt: 200

70 80 90 Blast: 90

Calibration Catch Test

Prepare a container and ensure enough liquid in the tank and system safe to run

Prepare Rate/Speed/Time Ensure enough material Press Start when ready

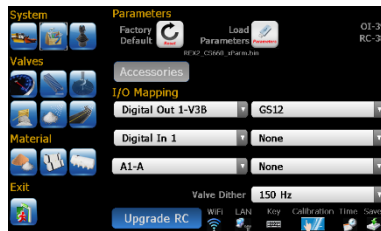
Start Start

CS660 RC45

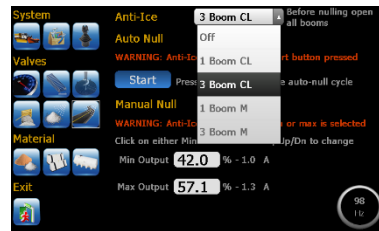
3 Knobs



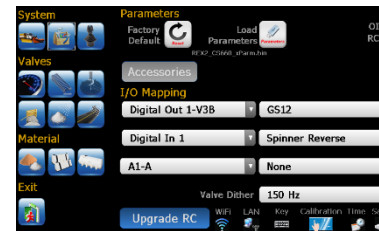
Solid+Prewet



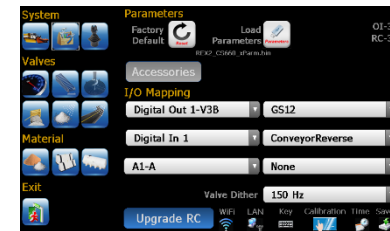
3 Boom CL Anti-Icing



Solid+Prewet w spn rvs



Solid+Prewet w cnv rvs



V1-B Conveyor
V1-A Spinner
V2-B Prewet
V3-B Op1(GS12)
V3-A Op2(Rvs)
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS
A2-A Gate SS

V2-A Anti-Icing
V3-B BoomL(DigIn-bmL,DigOut1-bmL)
V3-A BoomC(DigIn-bmC,DigOut2-bmC)
V5-B BoomR(DigIn-bmR,DigOut3-bmR)
S1-A GSS
S3-B Anti-Ice SS

V1-B Conveyor
V2-B Spinner Fwd
V2-A Spinner Rvs (DigIn-SpnRvs)
V3-B Prewet
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS

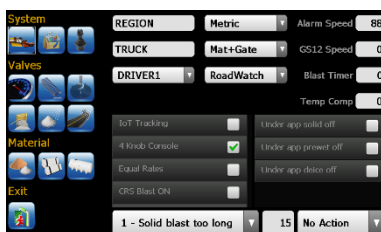
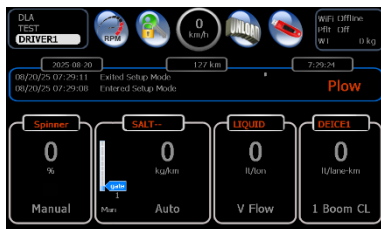
V1-B Conveyor Fwd
V1-A Conveyor Rvs (DigIn-CnvRvs)
V2-B Spinner
V3-B Prewet
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS

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4 Knobs

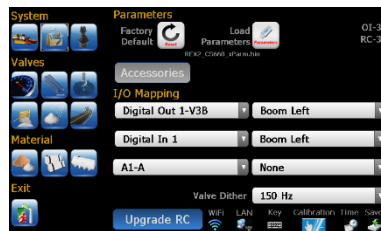
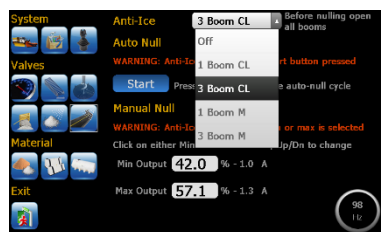
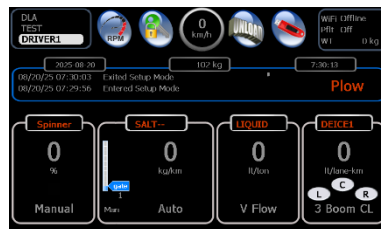


Solid+Prewet+AirGate+1 Boom



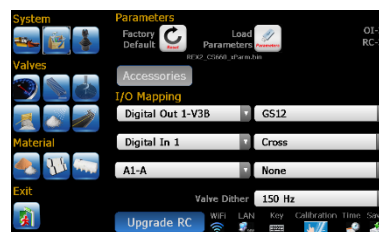
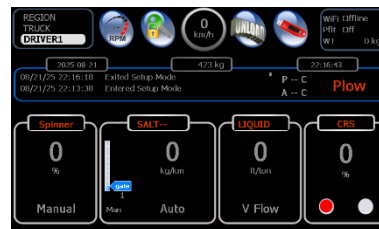
V1-B Conveyor
V1-A Spinner
V2-B Prewet
V2-A Anti-Ice
V3-B Op1(GS12)
V3-A Op2(Rvs)
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS
A2-A Gate SS

Solid+Prewet+3 BoomCL Anti-Icing



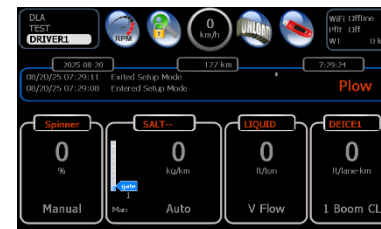
V1-B Conveyor
V1-A Spinner
V2-B Prewet
V2-A Anti-Ice
V3-B BoomL(DigIn-bmL,DigOut1-bmL)
V3-A BoomC(DigIn-bmC,DigOut2-bmC)
V5-B BoomR(DigIn-bmR,DigOut3-bmR)
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS

Solid+Prewet+Cross Cnv



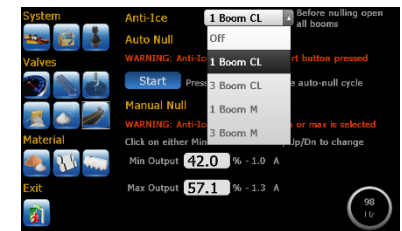
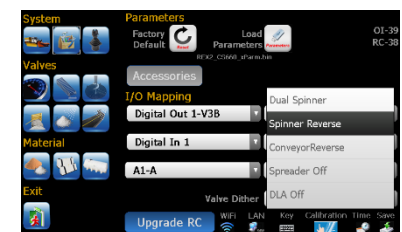
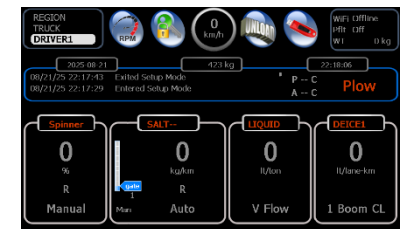
V1-B Conveyor
V1-A Spinner
V2-B Cross 1(DigIn-Cross)
V2-A Cross 2
V3-B Prewet
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS

Solid+Prewet+1 BoomCL Anti-Icing



V1-B Conveyor
V1-A Spinner
V2-B Prewet
V2-A Anti-Ice
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS

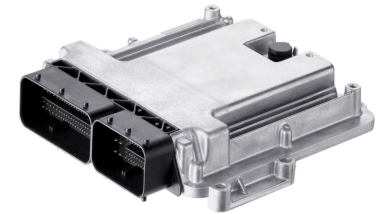
Solid+Prewet+1 BoomCL+spn&cnvRvs



V1-B Conveyor Fwd
V1-A Conveyor Rvs (DigIn-CnvRvs)
V2-B Spinner Fwd
V2-A Spinner Rvs (DigIn-SpnRvs)
V3-B Prewet
V3-A Anti-Ice
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
A2-A GateSS
S3-A LSS
S3-B Anti-Ice SS

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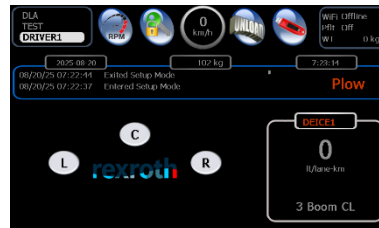
3 Knobs



Solid+Prewet



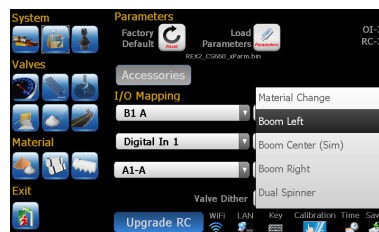
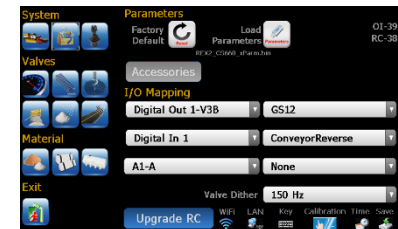
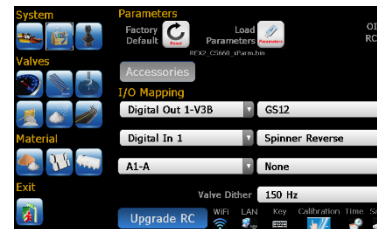
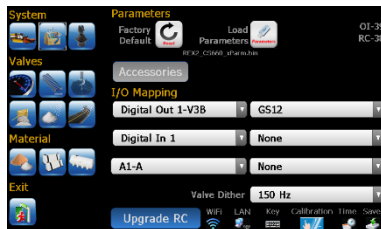
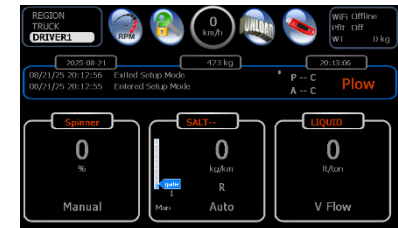
3 Boom CL Anti-Icing



Solid+Prewet w spn rvs



Solid+Prewet w cnv rvs



V1-B Conveyor
V1-A Spinner
V2-B Prewet
V3-B Op1(GS12)
V3-A Op2(Rvs)
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS
A2-A Gate SS

V4-B Gate Up
V4-A Gate Dn

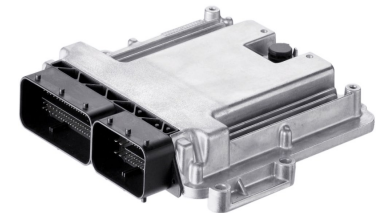
V2-A Anti-Icing
B1-A BoomL(DigIn-bmL,B1A-bmL)
B1-B BoomC(DigIn-bmC,B1B-bmC)
B2-A BoomR(DigIn-bmR,B2A-bmR)
S1-A GSS
S3-B Anti-Ice SS

V1-B Conveyor
V2-B Spinner Fwd
V2-A Spinner Rvs (DigIn-SpnRvs)
V3-B Prewet
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS

V1-B Conveyor Fwd
V1-A Conveyor Rvs (DigIn-CnvRvs)
V2-B Spinner
V3-B Prewet
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS

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4 Knobs



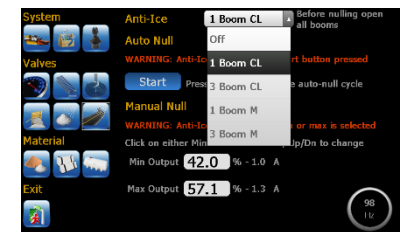
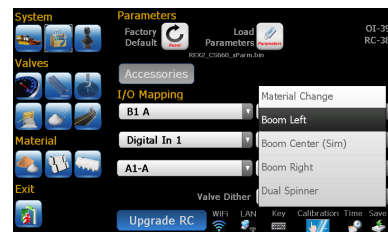
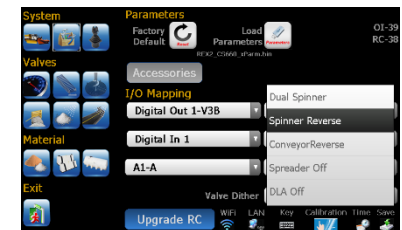
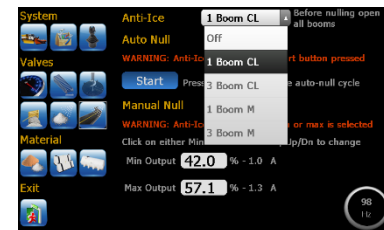
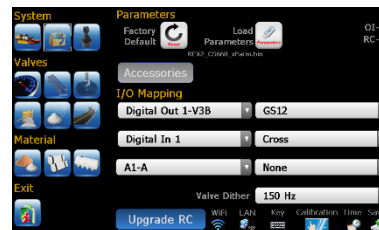
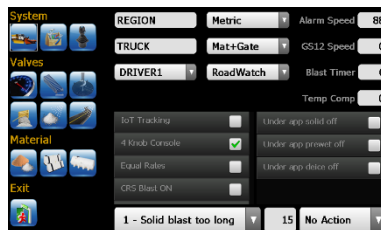
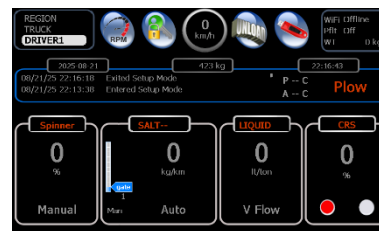
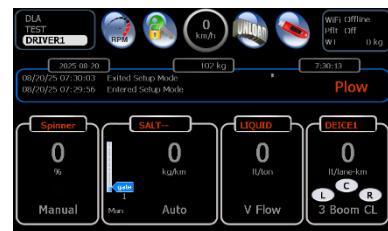
Solid+Prewet+AirGate+1Boom

Solid+Prewet+3BoomCL Anti-Icing

Solid+Prewet+Cross Cnv

Solid+Prewet+1BoomCL Anti-Icing

Solid+Prewet+1BoomCL+spn+cnvRvs



V1-B Conveyor
V1-A Spinner
V2-B Prewet
V2-A Anti-Ice
V3-B Op1(GS12)
V3-A Op2(Rvs)
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS
A2-A Gate SS

V1-B Conveyor
V1-A Spinner
V2-B Prewet
V2-A Anti-Ice
B1-A BoomL(DigIn-bmL,B1A-bmL)
B1-B BoomC(DigIn-bmC,B1B-bmC)
B2-A BoomR(DigIn-bmR,B2A-bmR)
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS

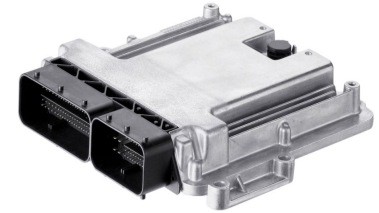
V1-B Conveyor
V1-A Spinner
V2-B Cross 1(DigIn-Cross)
V2-A Cross 2
V3-B Prewet
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS

V1-B Conveyor
V1-A Spinner
V2-B Prewet
V2-A Anti-Ice
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
S3-A LSS
S3-B Anti-Ice SS

V1-B Conveyor Fwd
V1-A Conveyor Rvs (DigIn-CnvRvs)
V2-B Spinner Fwd
V2-A Spinner Rvs (DigIn-SpnRvs)
V3-B Prewet
V3-A Anti-Ice
V4-B Gate Up
V4-A Gate Dn
S1-A GSS
S2-A CSS
A2-A GateSS

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4 Knobs



Solid+Prewet+3BoomCL+CrossConv



- V1-B Conveyor
- V1-A Spinner
- V2-B Prewet
- V2-A Anti-Ice
- V5-B Cross 1(DigIn-crs)
- V5-A Cross 2
- B1-A BoomL(DigIn-bmL)
- B1-B BoomC(DigIn-bmC)
- B2-A BoomR(DigIn-bmR)
- S1-A GSS
- S2-A CSS
- S3-A LSS
- S3-B Anti-Ice SS

