



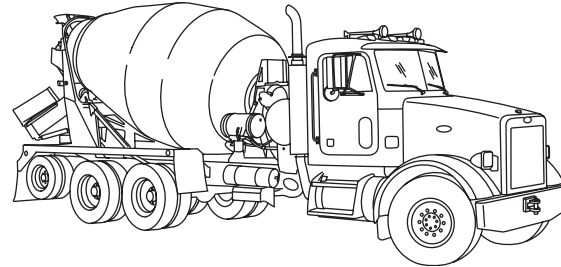
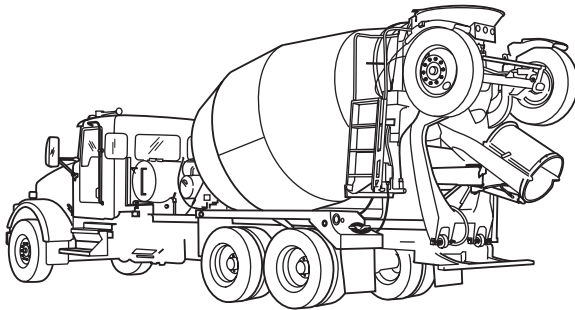
An Oshkosh Corporation Company

QUICK START MANUAL

Mixers Equipped with McNeilus FLEX Controls™

Includes Information for the Following Models

- Bridgemaster® Rear Discharge Electronic Mixer
- Bridgemaster® Rear Discharge Cable Mixer
- Standard Rear Discharge Electronic Mixer
- Standard Rear Discharge Cable Mixer



Publication No. 1566064

Disclaimer:

This Quick Start Manual must not be used to repair your vehicle. Repair information is available by calling McNeilus Customer Service at (888) 686-7278.

The information in this Quick Start Manual will be your guide to basic operation for this equipment.

All information, illustrations, and specifications in this manual are based on the information available at the time this manual was published. The illustrations used in this manual are intended as representative reference views only. Because of our continuous product improvement policy, we may modify information, illustrations, and/or specifications to explain and/or exemplify a product, service, or maintenance improvement. We reserve the right to make any change at any time without notice. Go to www.streetsmartparts.com for current information.

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1.0 Purpose of Manual

This manual is not intended to replace the Operator's Manual, also found with your Mixer, which must be read and thoroughly understood before operating this vehicle. This manual is intended as a quick start reference only. Read and follow all safety warnings and notices found in this manual and in the Operator's Manual.

If you have any questions about the content in this Quick Start Manual or in the Operator's Manual, contact McNeilus Truck and Manufacturing, Inc. at 888-686-7278.

WARNING

The operator of this Mixer must be properly licensed and trained to operate this Mixer.

If you do not have the proper training and licensing to operate this Mixer, you are putting yourself and others at risk of serious injury or death.

If you are uncertain how to operate this Mixer, inform your supervisor or contact McNeilus Customer Service at 888-686-7278.

WARNING

Thoroughly understand the controls before operating the Mixer. Be sure everyone is clear of the area around the truck before operating the Mixer. Remain attentive at all times when operating the controls.

2.0 Scope

This manual provides information for use by the equipment operator under the following headings:

1. **Starting the Truck.** Includes operation for the start up of the truck and controls.
2. **Control Familiarization.** Includes control equipment and icon status identification.
3. **Drum Operation.** Includes drum control.
4. **Hopper and Chute Operation.** Includes basic information for operating the hopper and chute.
5. **Throttle Operation.** Includes rear throttle operation.
6. **Auxiliary Axle Operation.** Includes Bridgmaster® axle, Pusher axle, and Tag axle operation.
7. **Work Lighting.** Includes operation of the various work lighting options.

To order a replacement manual, call McNeilus at 888-686-7278 or visit www.streetsmartparts.com.

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1.0 Starting the Truck

1. Ensure the battery box lockout switches are turned ON if equipped.
2. Walk around the entire mixer truck to ensure it is clear of obstructions and of non-operator personnel.
3. For electric (non-cable) mixers, move the drum control handle (electronic joystick) to the neutral, detented position (see Figure 1 for electronic joystick position).

For cable mixers, move the cable drum control lever to the neutral position as indicated by the control arm on the hydraulic pump.

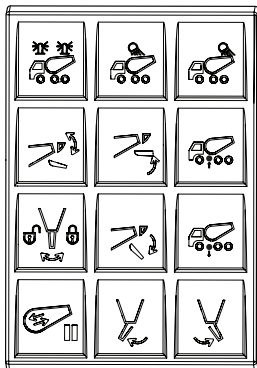
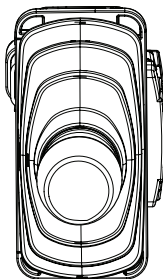


Figure 1



Electronic Joystick shown

4. Start truck engine per chassis manufacturer's recommended starting practices.

5. In-cab control keypads will illuminate briefly (Figure 2) and the touch screen display will power up (Figure 3).

Standard In-Cab Keypad Optional In-Cab Keypad

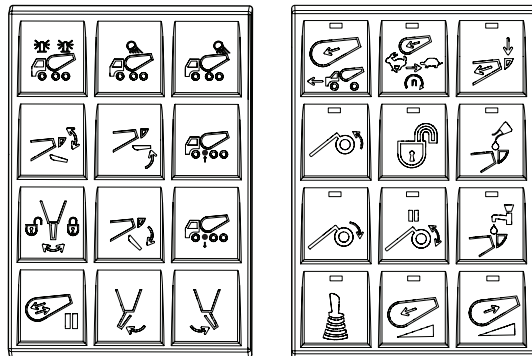


Figure 2

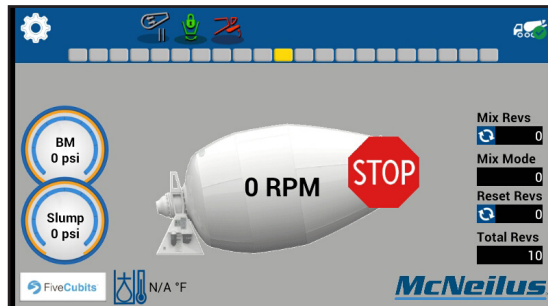


Figure 3

2.0 Control Familiarization

2.1 Touch Screen Display

This section will provide quick reference to the icons and functions of the display screen for FLEX Controls™ (Figure 4, Figure 5, and Figure 6). Please refer to the following pages for more detailed descriptions of these icons and functions.

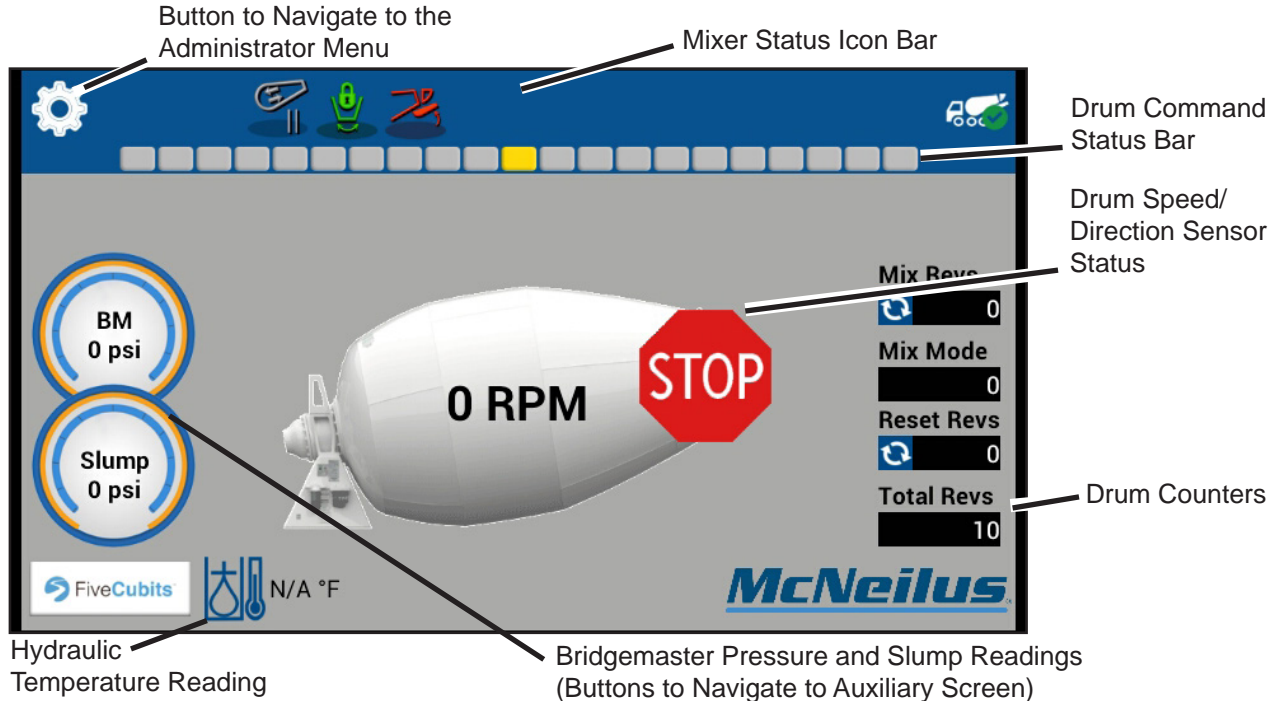
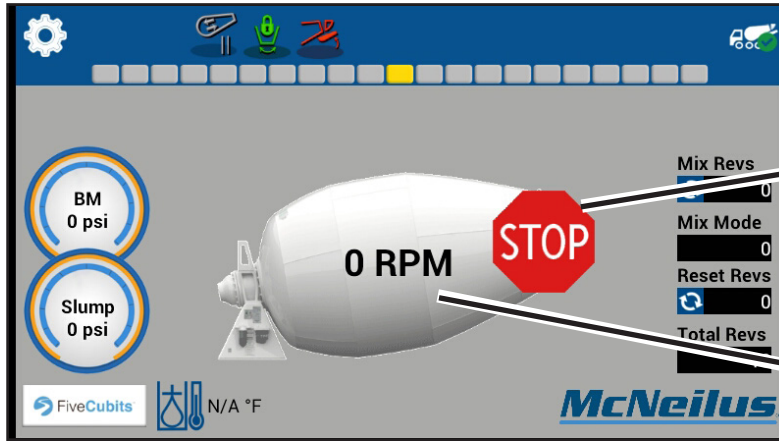


Figure 4

2.2 Speed/Direction Sensor Reading Screen

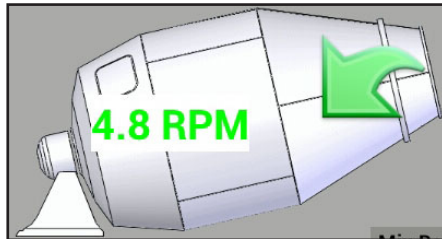


Signifies the Drum's Direction based on Sensor's Reading

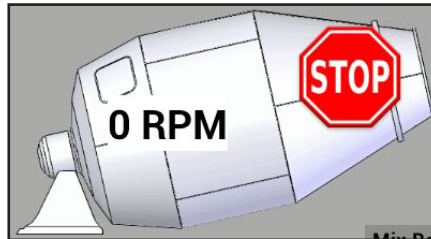
Signifies the Drum's Speed Based on Sensor's Reading

Examples:

Direction: Charge
Speed: 4.8 Drum RPM



Direction: Stopped
Speed: 0 Drum RPM



Direction: Discharge
Speed: 1.33 Drum RPM

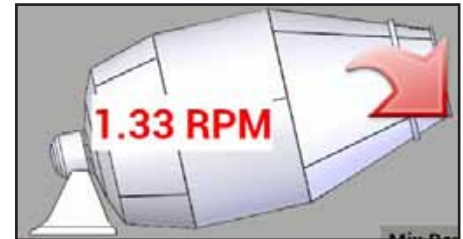


Figure 5

2.3 Drum Revolution Counters

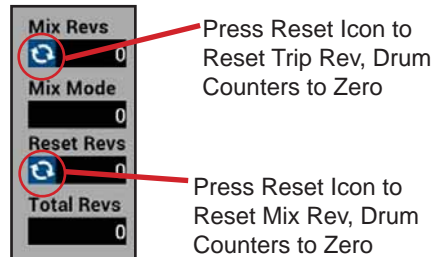
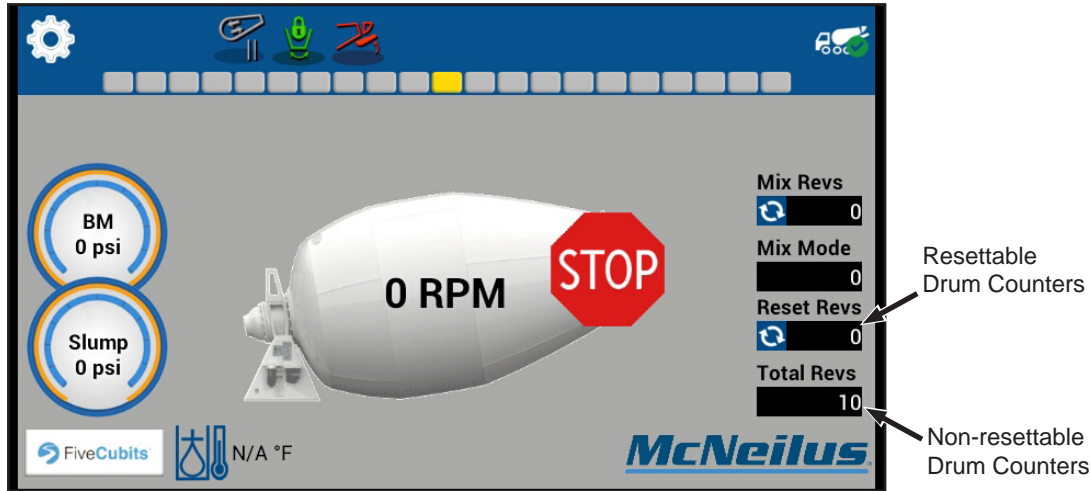


Figure 6

2.4 Touch Screen Display Button Overview

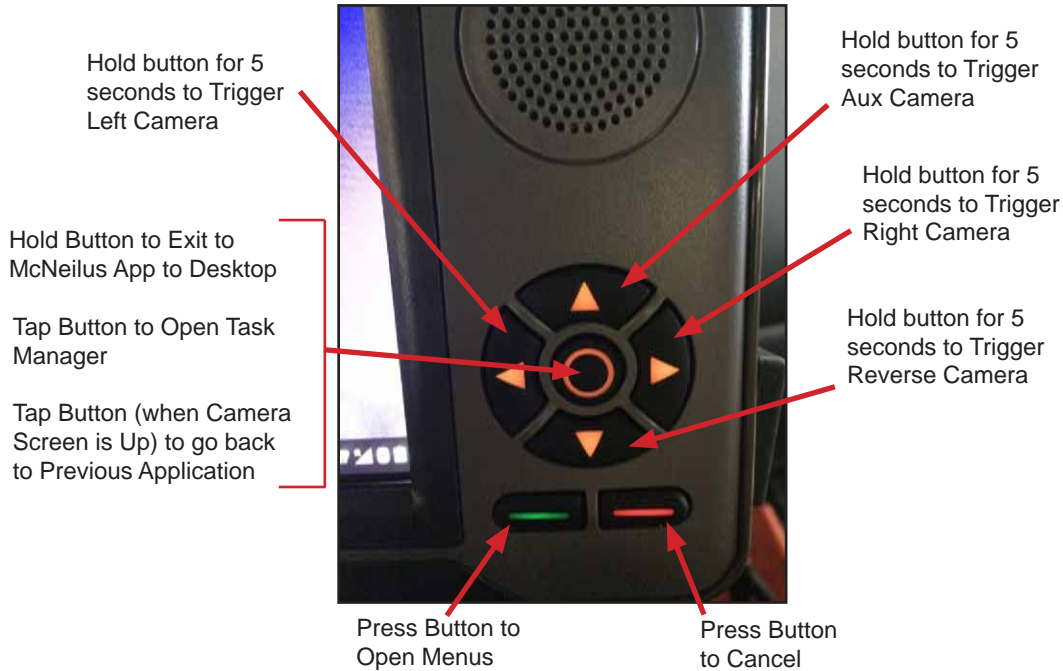


Figure 7

2.5 Display Screen Status Icons

These icons are part of the touch screen display to indicate the status of various functions. **NOTE:** Standard Mixers do not have Bridgmaster axle capabilities, but may have a Tag axle.



Bridgmaster
Down



Bridgmaster Up



Chute Locked



Chute Unlocked



Chute Down



Chute Up



Drum Charge



Drum Discharge



Hopper Up



Hopper Down



Load Mode



Mix Mode



Work Lights On



Strobe Lights On



Add Water
(Optional
Equipment)



AdMix (Optional
Equipment)



Hydraulic
Temperature



Hydraulic Fan

2.6 Standard In-Cab Control Keypad

The standard in-cab controls consist of a control keypad and an optional joystick (Figure 8). The actual buttons present on any control keypad may vary, depending on the configuration of your Mixer.

No.	Item	Description
1	Strobe Lights	LED on when strobe lights are ON. Press to turn on or off.
2	Perimeter Lights	LED on when perimeter lights are ON. Press to turn on or off.
3	Work Lights	LED on when work lights are ON. Press to turn on or off. NOTE: Work lights will not turn off if the reverse function forces the lights on.
4	Hopper Up/Down	Green LED when air hopper is DOWN. Red LED when air hopper is UP.
5	Chute Up	Green LED while button is pressed.
6	Pusher Axle Up	Green LED while button is pressed.
7	Chute Lock/Unlock	Green LED when locked and Red LED when unlocked.
8	Chute Down	Green LED while button is pressed.
9	Pusher Axle Down	Green LED while button is pressed.
10	Drum Pause/Resume*	Stops the drum rotation.

No.	Item	Description
11	Chute Swing Left	Moves chute to the left (Power Chute Swing Option only). Green LED is on when button is pressed.
12	Chute Swing Right	Moves chute to the right (Power Chute Swing Option only). Green LED is on when button is pressed.

* Mixers with Cable Control will have this function if they have the Start/Stop valve.

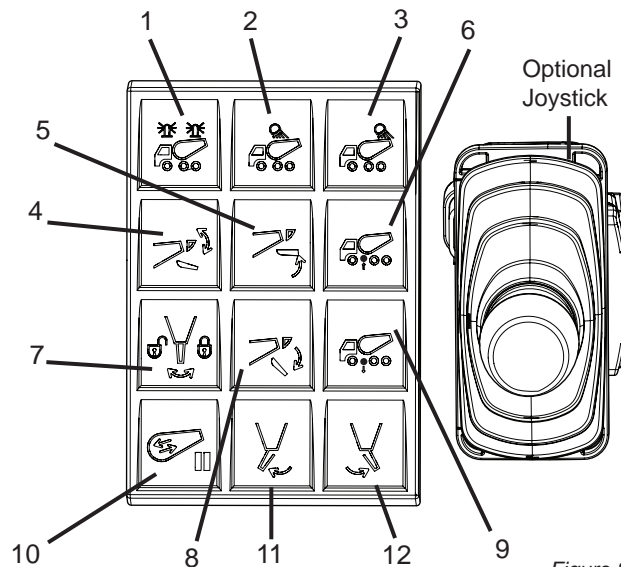


Figure 8

2.7 Optional In-Cab Control Keypad

The optional in-cab keypad controls some accessories and mixer functions (Figure 9). **NOTE:** Standard Mixers do not have Bridgmaster axle capabilities, but may have a Tag axle.

No.	Item	Description
1	Constant Speed Mode*	LED is green when in constant speed mode. Constant speed will automatically engage if going over preset speed.
2	Mix Mode*	Turns drum at preset speed for a preset number of revolutions by ramping engine speed. Truck must be in Park/Neutral, parking brake must be set to active, and Cruise Control Switch turned on.
3	Load Mode*	Turns drum at maximum speed for loading purposes by ramping engine speed. Truck must be in Park/Neutral, parking brake must be set to active, and Cruise Control Switch turned on.
4	Bridgmaster/Tag Axle Up	LED on when Bridgmaster Axle/Tag Axle is UP.
5	Activate	Press and hold the button and Bridgmaster/Tag function buttons.
6	AdMixture Add	LED on when AdMixture Add button is pressed.
7	Bridgmaster/Tag Axle Down	LED on when Bridgmaster Axle is DOWN (if equipped).
8	Bridgmaster Axle Pause/Resume	LED is red while axle is stopped (if equipped).

No.	Item	Description
9	Water Add	LED on when add water is enabled.
10	Joystick Enabled/ Disabled	Indicates if joystick is enabled (green) or disabled (red).
11	Drum Charge*	LED is green while charging.
12	Drum Discharge*	LED is green while discharging.

* Mixers with Cable Control will not have this function.

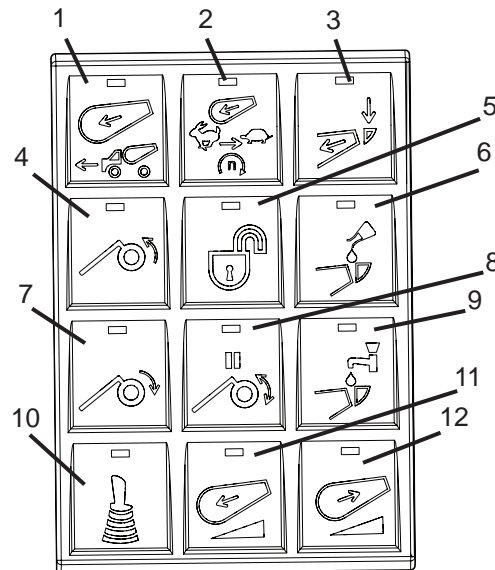


Figure 9

2.8 Rear Control Pendant Keypad

The rear control pendant keypad controls some accessories and mixer functions (Figure 10). The operator can take the rear control pendant up the ladder platform for quick access to starting and stopping the drum. Buttons present on the control pendant vary depending on the configuration of your Mixer.

No.	Item	Operation
1	E-STOP	E-STOP on/off button. To reset, press and hold button for 5 seconds.
2	Throttle Down	Slows the engine throttle. Truck must be in Park/Neutral, parking brake must be set to active, and Cruise Control Switch turned on.
3	Throttle Up	Speeds engine throttle. Truck must be in Park/Neutral, parking brake must be set to active, and Cruise Control Switch turned on.
4	Hopper Up/Down	Green LED when air hopper is DOWN. Red LED when air hopper is UP.
5	Chute Up	Green LED while button is pressed.
6	Chute Lock/Unlock	Green LED when locked and Red LED when unlocked.
7	Chute Swing Left	Moves chute to the left (Power Chute Swing Option only). Green LED is on when button is pressed.
8	Chute Down	Green LED while button is pressed.

No.	Item	Operation
9	Chute Swing Right	Moves chute to the right (Power Chute Swing Option only). Green LED is on when button is pressed.
10	Drum Stop*	Stops drum rotation.
11	Drum Charge**	Speeds drum while charging and slows drum while discharging. Green LED while charging.
12	Drum Discharge**	Speeds drum while discharging and slows drum while charging. Green LED while discharging.

* Mixers with Cable Control will have this function if they have the Start/Stop valve.

** Mixers with Cable Control will not have this function.

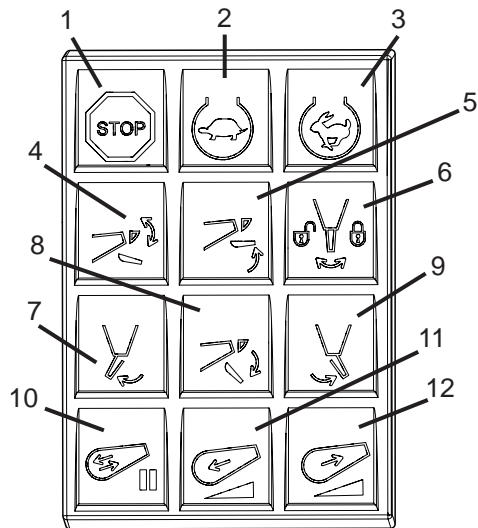


Figure 10

2.9 OMNEX Wireless Transmitter for FLEX Controls (If Equipped)

Accessories and mixer functions and some options are operated by buttons on the OMNEX Wireless Transmitter (Figure 11) for electronic mixers only. The actual buttons present on the transmitter will vary, depending on the configuration of your Mixer. The operator can take the transmitter up the ladder platform for quick access to starting and stopping the drum.

No.	Control	Normal Use or Reading
1	Power ON Button	Press to turn the system ON. ²
2	HOPPER UP/ DOWN Button	Press to raise or lower the charge hopper. ³
3	CHUTE LOCK/ UNLOCK Button	Press to engage the chute lock. Press the button again to disengage the chute lock.
4	CHUTE UP Button	Press and hold to raise the discharge chute.
5	CHUTE DOWN Button	Press and hold to lower the discharge chute.
6	E-STOP	To reset, press and hold button for 5 seconds.
7	Power OFF Button	Press to turn the system OFF
8	DRUM PAUSE Button	Press to stop drum rotation.

No.	Control	Normal Use or Reading
9	DRUM DISCHARGE Button ¹	Press and hold to drive the drum in the DISCHARGE (CCW) direction. Continue holding the button to increase drum speed. Release the button when the desired (or maximum) speed is obtained. The button can also be pressed and released to incrementally increase speed.
10	DRUM CHARGE Button	Press and hold to drive the drum in the CHARGE (CW) direction. Continue holding the button to increase drum speed. Release the button when the desired (or maximum) speed is obtained. The button can also be pressed and released to incrementally increase speed.
11	THROTTLE RETARD Button	Press to retard throttle/drum speed. (See Adjusting the Throttle Speed for more information.)
12	THROTTLE ADVANCE Button	Press to advance throttle/drum speed. (See Adjusting the Throttle Speed for more information.)

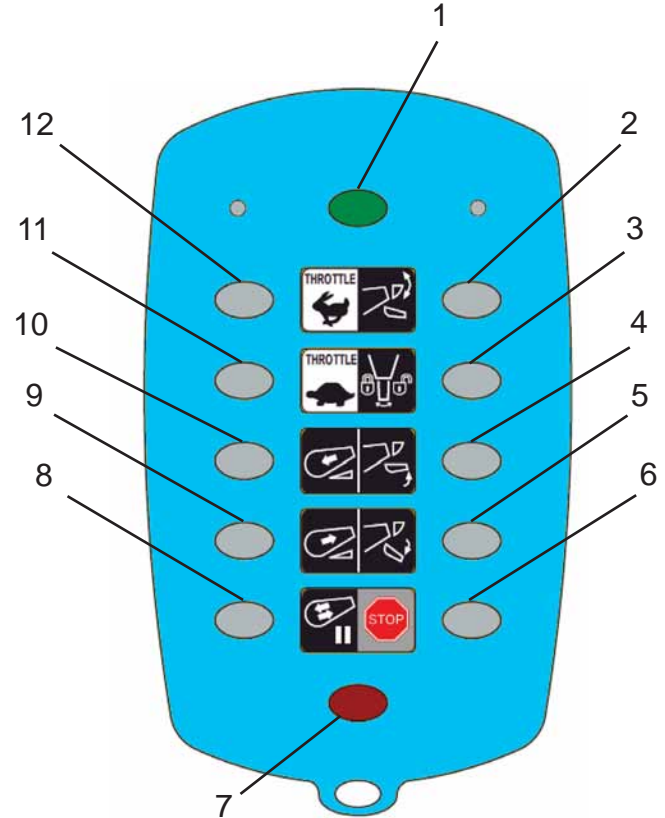


Figure 11

2.10 Optional Joystick for Drum Pause, Chute Up/Down Functions

The Mixer may be equipped with an optional joystick that controls drum pause, main chute up, and main chute down (Figure 12). If equipped, this joystick is found as part of the in-cab control box.

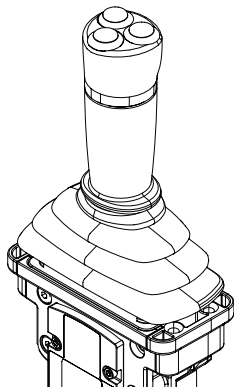
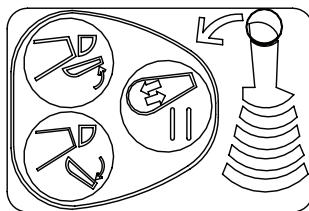
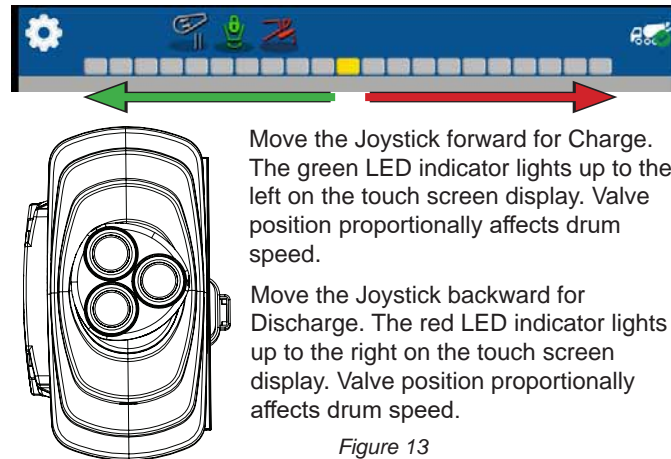


Figure 12



Move the Joystick forward for Charge. The green LED indicator lights up to the left on the touch screen display. Valve position proportionally affects drum speed.

Move the Joystick backward for Discharge. The red LED indicator lights up to the right on the touch screen display. Valve position proportionally affects drum speed.

Figure 13

3.0 Drum Operation

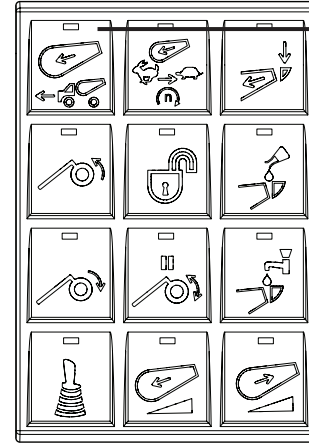
3.1 Rotating the Drum with the Optional In-Cab Control Keypad, Rear Pendant Keypad, or Joystick

NOTE: Not applicable to Cable Mixers.

Select the mode of operation for rotating the drum: either the joystick, optional in-cab control keypad (shown), or the rear pendant keypad (shown).

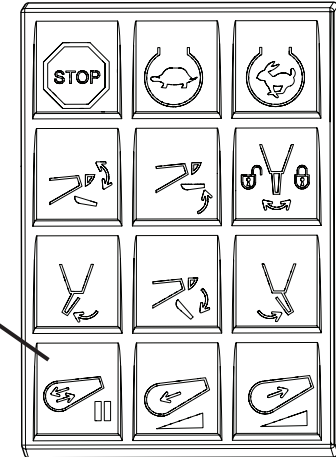
1. Ensure the Constant Speed button indicator is OFF on the optional in-cab control keypad by pressing the button to toggle the light on/off (Figure 14, Item 1).
2. Ensure the drum Start/Stop button indicator is OFF on the standard in-cab control keypad or the rear pendant keypad by pressing the button to toggle the light on/off (Figure 14, Item 2 shows the rear pendant keypad).
3. If rotation control is desired through the joystick, press the joystick button on the optional in-cab keypad. Otherwise, use the drum charge or discharge buttons on the optional in-cab keypad or the rear pendant keypad.
4. Valve position proportionally affects drum speed. The more the joystick is pushed forward or backward or the more times the charge or discharge buttons are pressed on the keypads, the faster drum rotation speed will be.

Optional In-Cab Control Keypad



1 Constant Speed

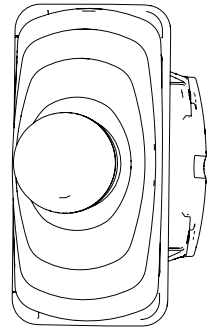
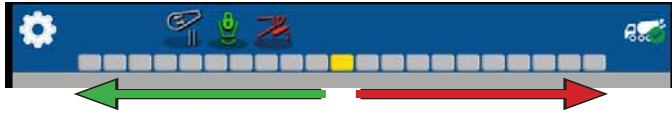
Rear Pendant Keypad



2 Drum Start/Stop

Figure 14

- If the joystick mode is activated, move the joystick in the desired direction for drum rotation (Figure 15).



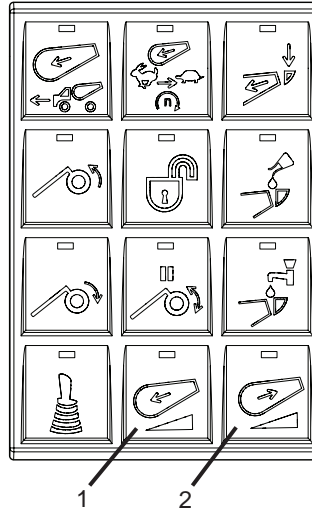
Move the Joystick forward for Charge. The green LED indicator lights up to the left on the touch screen display. Valve position proportionally affects drum speed.

Move the Joystick backward for Discharge. The red LED indicator lights up to the right on the touch screen display. Valve position proportionally affects drum speed.

Figure 15

- If either the optional in-cab keypad or the rear pendant keypad is selected, press the CHARGE button (forward) (Figure 16, Item 1) or DISCHARGE button (backward) (Figure 16, Item 2) until the desired rotation direction starts. Valve position proportionally affects drum speed. The button indicators will illuminate.

Optional In-Cab Keypad



Rear Pendant Keypad

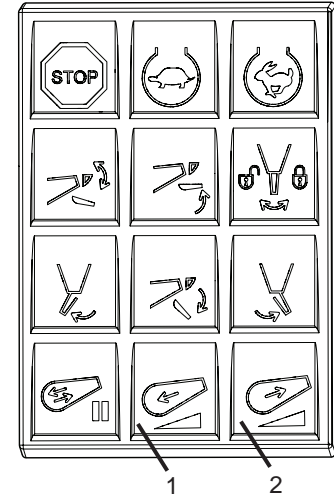


Figure 16

- Adjust drum rotation controls for the desired drum rotation speed and monitor the drum speed and rotation direction on the touch screen display HOME screen (Figure 17).

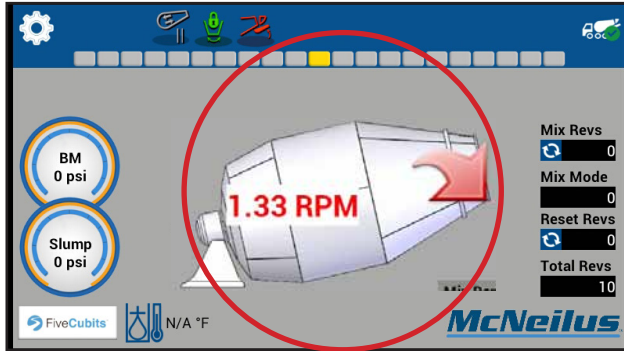


Figure 17

Drum Charging



Drum Discharging



3.2 Rotating the Drum with the OMNEX Wireless Transmitter (If Equipped)

NOTE: Not applicable to Cable Mixers.

- Ensure the Constant Speed button indicator is not showing on the touch screen display (Figure 18, Item 1).
 - To turn OFF Drum Stop Indicator on the OMNEX Wireless Transmitter, push the drum start/stop button as required (Figure 19).

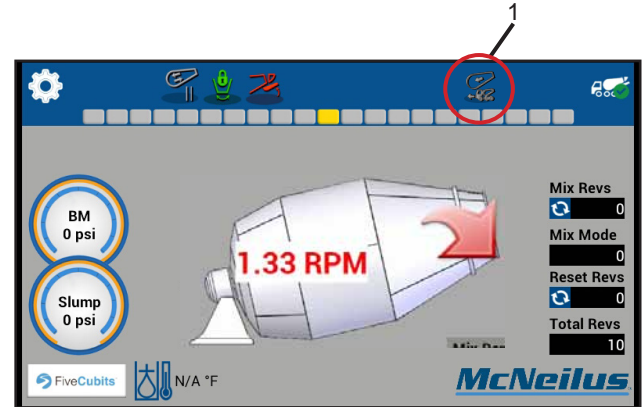


Figure 18

2. Press the appropriate button, either Charge (Figure 19) or Discharge (Figure 19), on the OMNEX Wireless Transmitter.
 - Drum Charge: Push to speed up drum while charging or to slow drum while discharging
 - Drum Discharge: Push to speed up drum while discharging or to slow drum while charging

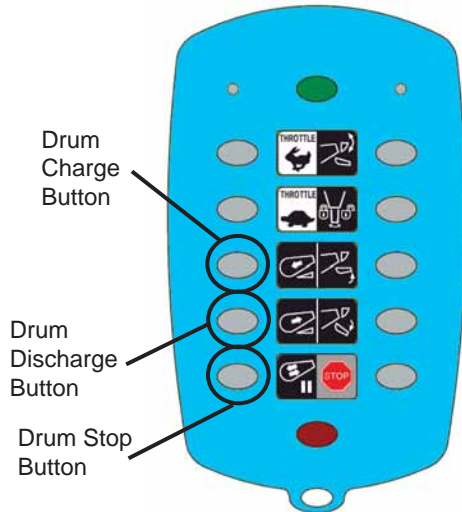


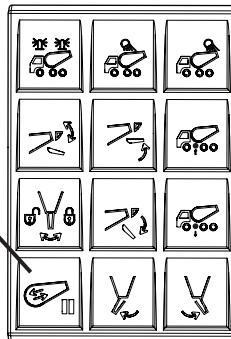
Figure 19

3.3 Drum Stop Operation

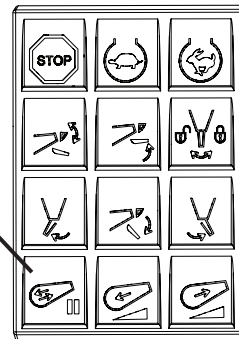
The standard in-cab control keypad, rear pendant keypad, and OMNEX Wireless Transmitter have a button that will stop drum operation.

1. The drum STOP button (Figure 20, Item 1) must be OFF (this means the indicator light must be OFF) upon truck startup for drum rotation to be enabled.
2. To stop drum rotation at any time while the drum is turning in either direction, press the STOP control button at any control station. The button indicator will illuminate red and the drum will stop rotation.
3. To restart drum rotation, press the STOP control button. The button indicator light will turn OFF and the drum will restart in the same direction and rotation speed prior to the stop event.

Standard In-Cab Control Keypad



Rear Pendant Keypad



OMNEX Wireless Transmitter

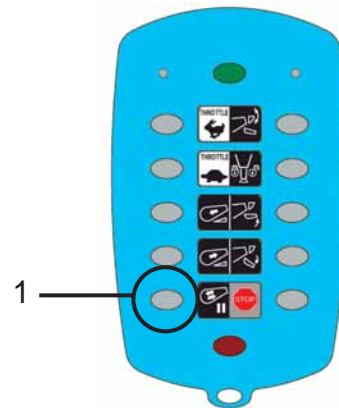


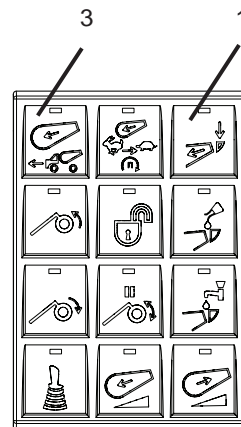
Figure 20

3.4 Load Mode Enabled

The LOAD function is enabled using the optional in-cab control keypad only. The LOAD function allows for one-touch operation of the loading function. When pressed, the engine RPM will go to the full preset and the drum speed will accelerate to 18 RPM.

NOTE: Not applicable to Cable Mixers.

1. Position the Mixer under the loading boot.
2. **Truck must be in Park/Neutral, parking brake must be set to active, and Cruise Control Switch turned on.**
3. Press the LOAD button on the optional in-cab control keypad (Figure 21, Item 1). The button indicator will illuminate and the drum control screen will show the LOAD icon on the touch screen display (see Figure 21).
4. Truck engine will ramp to full preset and the drum will accelerate to full CHARGE.
5. When loading is complete, press the LOAD button again. The system will default to Constant Speed mode preset (the Constant Speed indicator will illuminate).
6. If manual drum control is desired, press the Constant Speed button (the indicator light will go OFF) (Figure 21, Item 3) and select the desired drum control mode station (see 3.1 Rotating the Drum with the Optional In-Cab Control Keypad, Rear Pendant Keypad, or Joystick).



Optional In-Cab
Control Keypad

Figure 21



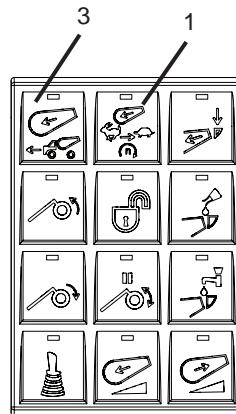
LOAD icon on the
touch screen display

3.5 Mix Mode Enabled

The MIX function is enabled using the optional in-cab control keypad only. The MIX function allows for one-touch operation of the mixing function while at the slump rack or prior to job pour. When pressed, the engine RPM will go to the full preset and the drum speed will accelerate to the preset Mix RPM for a preset number of drum revolutions.

NOTE: Not applicable to Cable Mixers.

1. **Truck must be in Park/Neutral, parking brake must be set to active, and Cruise Control Switch turned on.**
2. Press the MIX button on the optional in-cab control keypad (Figure 22, Item 1). The button indicator will illuminate and the drum control screen will show the MIX icon on the touch screen display.
3. Truck engine will ramp to full preset and drum will accelerate to MIX RPM in the charge direction ONLY for a preset number of revolutions (set by Fleet Manager).
4. When mixing revolutions reach the preset, the MIX mode will cancel and the engine and drum will slow to IDLE and CONSTANT SPEED respectively. The system will default to Constant Speed mode preset (the constant speed indicator will illuminate).
5. If manual drum control is desired, press the Constant Speed button (the indicator light will go OFF) (Figure 22, Item 3) and select the desired drum control mode station (see 3.1 Rotating the Drum with the Optional In-Cab Control Keypad, Rear Pendant Keypad, or Joystick).



Optional In-Cab
Control Keypad

Figure 22



MIX icon on touch
screen display

3.6 Constant Speed Mode Enabled

The Constant Speed function is enabled using the optional in-cab control keypad. The Constant Speed function allows for one-touch operation of a preset slow charge drum speed for transport to the job site without the need to manually adjust the controls.

NOTE: Constant Speed will automatically engage when either the LOAD or MIX modes are cancelled or a preset road speed is reached (programmable) or shut off.

NOTE: Not applicable to Cable Mixers.

1. To manually engage CONSTANT SPEED mode, press the optional in-cab control keypad (Figure 23, Item 1). The button indicator will illuminate.

NOTE: All other mixer drum inputs and rear throttle controls are disabled while this mode is activated.

2. To turn off, press the CONSTANT SPEED button again.

NOTE: The drum will return to the RPM that was active prior to turning on CONSTANT SPEED mode.

Optional In-Cab Control Keypad

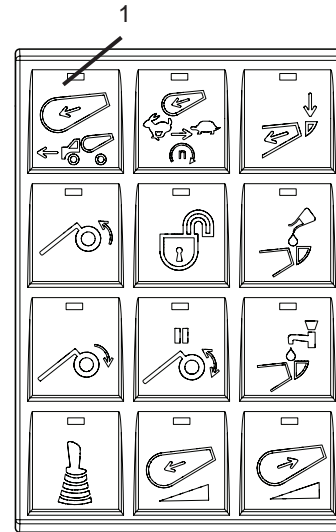


Figure 23

4.0 Hopper and Chute Operation (If Equipped)

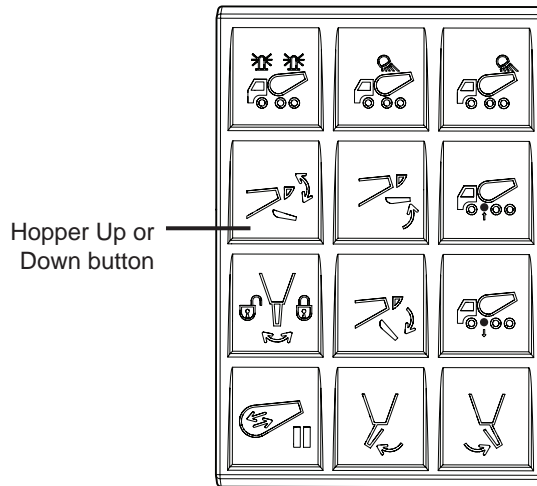
4.1 Hopper Operation

The movement of the air hopper is enabled on the standard in-cab control keypad or the rear pendant keypad. Hopper UP indicates the hopper is in a position to allow the concrete mixture to discharge. Hopper DOWN indicates the hopper is in a position to fill the drum with the mixture.

1. Press the HOPPER button on the standard in-cab control keypad or the rear pendant keypad (Figure 24). The button indicator will illuminate red for Hopper UP and green for Hopper DOWN. Additionally, the home/drum control screen will show either the Hopper UP icon or the Hopper DOWN icon.

OPERATIONAL NOTE: Upon truck startup, cycle the Hopper DOWN button until indicator light shows GREEN on the function button.

Standard In-Cab Keypad or Rear Pendant Keypad



Touch Screen Display
Hopper Up/Down Icons



Hopper UP



Hopper DOWN

Figure 24

4.2 Chute Lock Operation

The pneumatic chute lock/unlock is enabled on the standard in-cab control keypad or the rear pendant. CHUTE UNLOCKED indicates the chute is not locked into position and may move freely when movement is undesired. CHUTE LOCKED indicates the chute is locked into position and will not move until unlocked.

1. Press the CHUTE LOCK button on the standard in-cab control keypad (Figure 25) or the rear pendant keypad (not shown). The button indicator will illuminate red for CHUTE UNLOCKED and green for CHUTE LOCKED. Additionally, the drum control screen will show either the CHUTE UNLOCKED icon or the CHUTE LOCKED icon.

OPERATIONAL NOTE: Upon truck startup, cycle the Chute LOCKED button until indicator light shows GREEN on the function button.

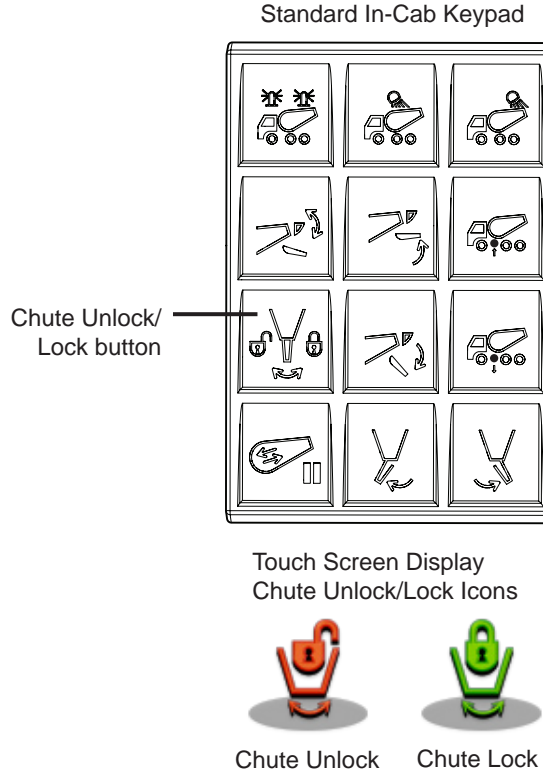


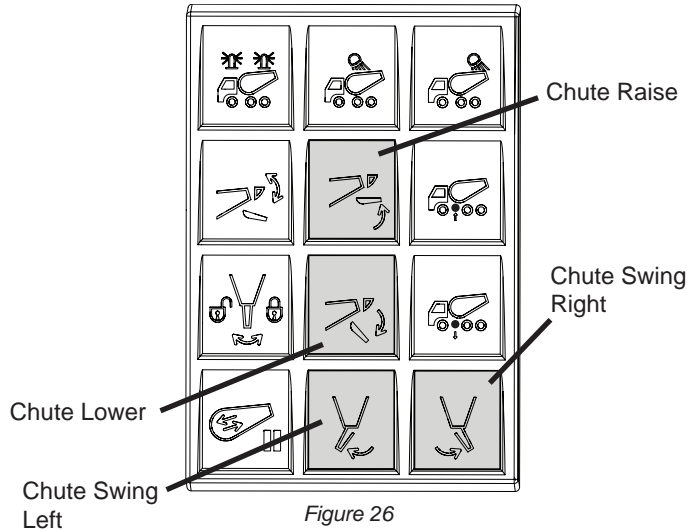
Figure 25

4.3 Chute Raise/Lower and Swing Operation

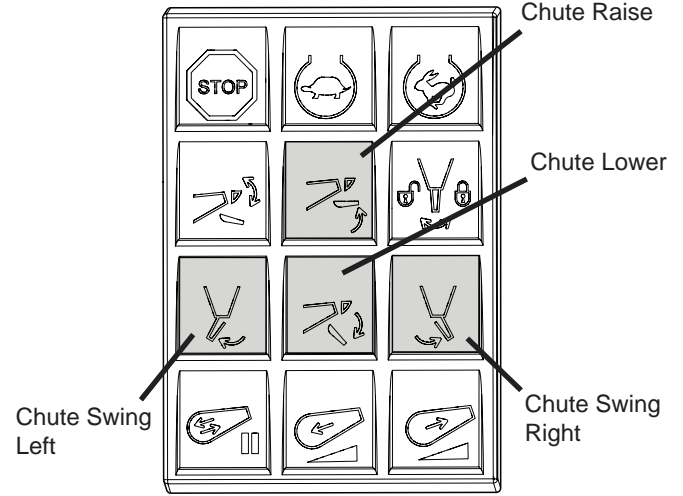
The chute raise/lower and swing (optional function) is enabled on the standard in-cab control keypad (Figure 26) or the rear pendant keypad (Figure 27). The button indicator will illuminate when pressed.

NOTE: The Power Chute Swing, which swings the chute left or right, is an optional feature.

Standard In-Cab Control Keypad



Rear Pendant Control Keypad



4.4 Hopper, Chute Lock, and Chute Operation with OMNEX Wireless Transmitter for FLEX Controls

Hopper Operation: Push the Hopper button to raise/lower air hopper (option) (Figure 28, Item 1).

Chute Lock: Push the Chute Lock button to lock/unlock air chute lock (Figure 28, Item 2).

Chute Lower and Swing Right Operation: Push the Chute Lower button to lower the chute or push with green Shift Function button pressed to swing chute right (option) (Figure 28, Item 3).

Chute Raise and Swing Left Operation: Push the Chute Raise button to raise chute or push with green Shift Function button pressed to swing chute left (option) (Figure 28, Item 4).

OPERATIONAL NOTE: Upon truck startup, cycle the Hopper button and the Chute LOCK button until “Hopper DOWN” and “Chute LOCK” icons are displayed on the touch screen.

OMNEX Wireless Transmitter

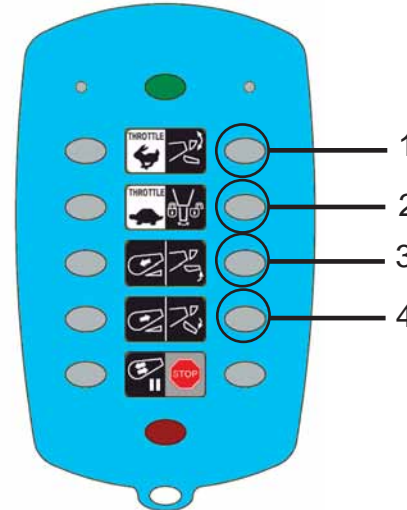


Figure 28

5.0 Throttle Operation

5.1 Rear Throttle Operation

The rear throttle controls are on the Rear Pendant Keypad or OMNEX Wireless Transmitter only (Figure 29).

To use the Rear Throttle Controls:

- **Ensure the parking brake is set and the Mixer is in NEUTRAL**
 - Drum STOP must be OFF (drum must be turning)
 - Constant Speed must be OFF
1. Press and hold/release (depending on engine type) the Throttle Raise button (rabbit icon) to achieve maximum PTO speed.
 2. Press and hold/release (depending on engine type) the Throttle Lower button (turtle icon) to achieve pouring PTO speed (normally 1200 RPM)
 3. To bring remote PTO speed back to idle, press and hold the Throttle Lower button (turtle icon).

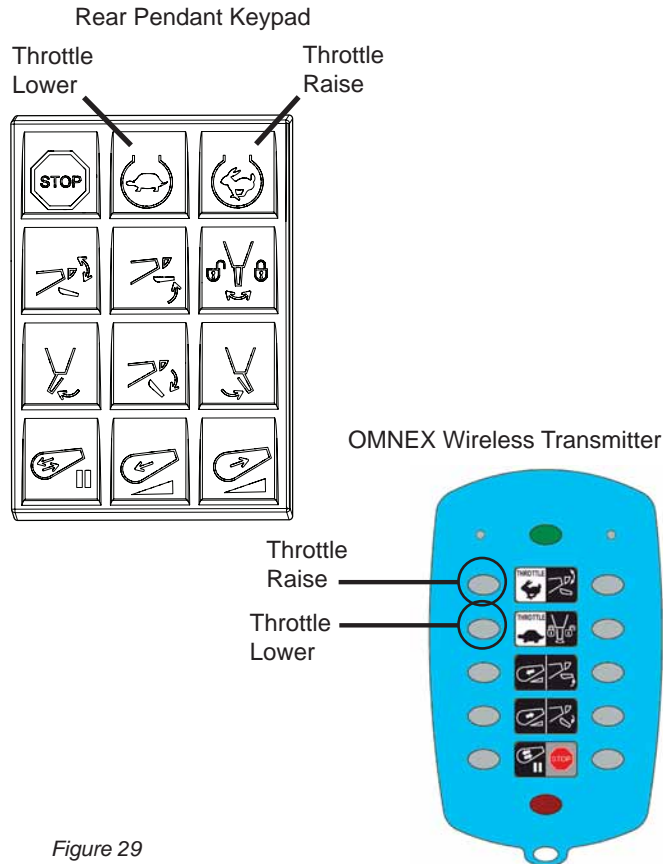


Figure 29

6.0 Auxiliary Axle Operation (If Equipped)

6.1 Bridgemaster Axle Operation

The touch screen monitor displays information necessary for safe operation of the Bridgemaster axle, although the keypad buttons are the only method to raise or lower the axle.

1. Check the status of the main chute by looking at the chute hazard indicator on the touch screen monitor AND through visual observation.
 - a. Center and lower chute as required. Make sure the chute “lowered and centered” icon appears on the top row of the monitor display (Figure 30, Item 1) before commanding the Bridgemaster axle up or down.
2. Prior to lowering the Bridgemaster axle, note the pressure requirements on the pressure data placard for the load being transported. **The axle pressure MUST match the load.**
 - b. Use the PRV2 adjusting knob on the Bridgemaster to dial in the proper pressure for the load being transported. The BM PSI gauge on the screen (Figure 30, Item 2) should change according to the pressure dialed in on the PRV2 adjusting knob.

NOTE: The Bridgemaster axle automatically raises when the truck is placed in reverse.

NOTE: An alarm buzzer will sound in the cab when the Bridgemaster axle is in motion (raising or lowering).

WARNING

Make sure the area behind the truck is clear of people or obstructions before raising or lowering the Bridgemaster® trailer. The alarm in both the cab and at the rear of the mixer sounds when the trailer is traveling up or down.

Keep clear of the area behind the truck and of the trailer pinch points while the trailer is in motion.

Failure to comply may result in serious injury or death.

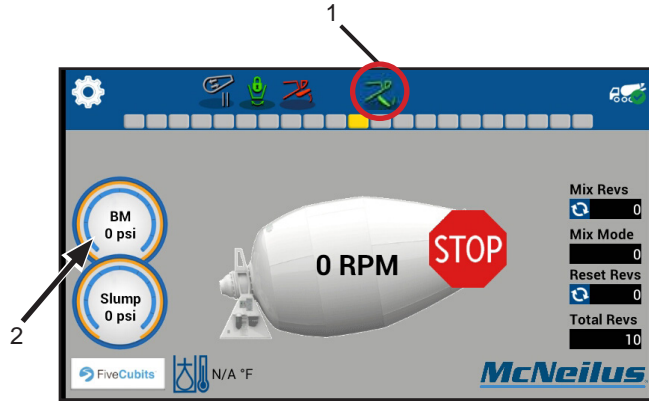


Figure 30

6.1.1 Additional Notes on Bridgemaster Axle Operation

- The Bridgemaster axle must be raised anytime the drum is empty
- Initial operation of the Bridgemaster will not begin if the chute hazard indicator shows the chute off to the side or raised
- A Bridgemaster STOP button is on an in-cab keypad and is used to stop axle motion (Figure 31, Item 1).
NOTE: The STOP button will also stop the chute raise/lower functions.

- The axle start/stop feature should only be used as such. It is not designed to be used as an on/off switch for the axle.

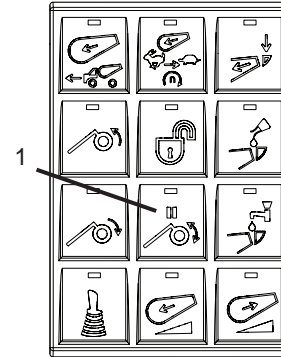


Figure 31

6.2 Pusher and Tag Axle Operation

Auxiliary axle (Air Pusher or Air Tag) raise or lower operation is controlled by the standard in-cab control keypad and the optional in-cab control keypad.

NOTE: Auxiliary axles automatically raise when the Mixer is placed in reverse.

To raise or lower the Air Pusher or the Air Tag axles:

1. Press the appropriate button on the keypad to raise or lower the auxiliary axle. **NOTE:** The standard cab control keypad has the Pusher axle Up and Down buttons (Figure 32). The optional cab control keypad has the Tag axle Up and Down buttons (Figure 33).

Standard In-Cab Control Keypad

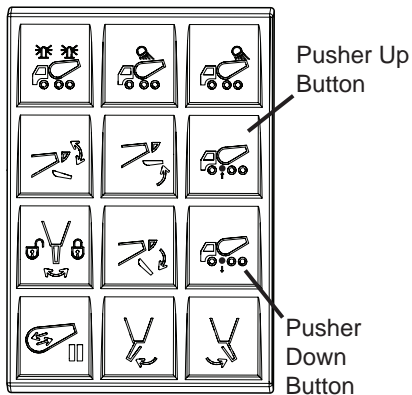


Figure 32

Optional In-Cab Control Keypad

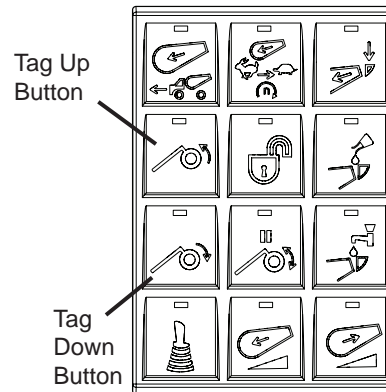


Figure 33

7.0 Work Lighting (If Equipped)

Work lighting operation is controlled by the standard in-cab control keypad (Figure 34). The touch screen monitor only displays whether the work lighting is turned on or off.

- Press the keypad button to turn on or off the Strobe Lights, Perimeter Lights, and Work Lights.

Ref.	Function	Description
1	Strobe Lights	All locations of strobe lights.
2	Perimeter Lights	Fender mounted perimeter lights.
3	Work Lights	Rear pedestal work lights.

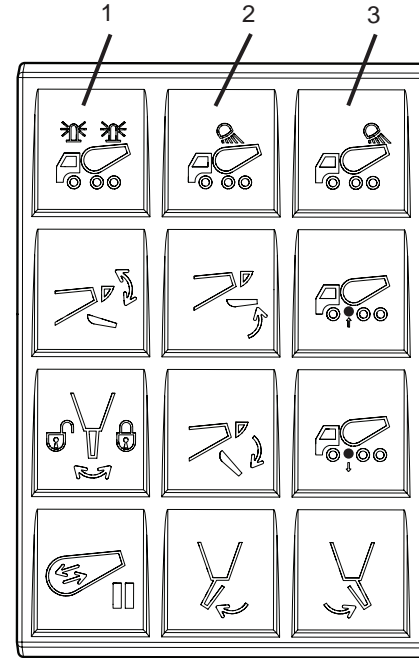


Figure 34

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