

LineLazer™ V 3900, 5900, 200HS, 200DC, 200MMA, ES2000 HP Auto Series and LineLazer™ V 250SPS and 250DC Airless Line Stripers

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EN

For the application of line striping materials.

For professional use only.

For outdoor use only.

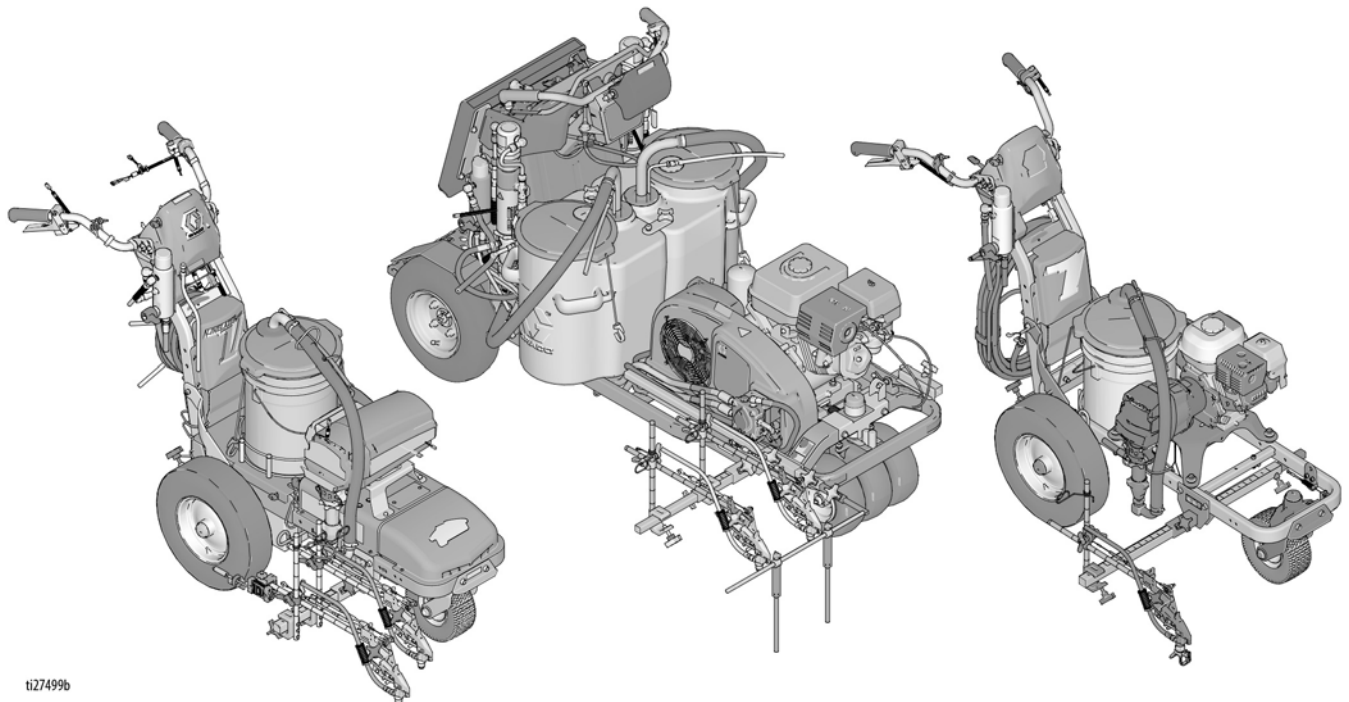
Not for use in explosive atmospheres or hazardous locations.

Maximum Operating Pressure: 3300 psi (22.8 MPa, 228 bar)



Important Safety Instructions

Read all warnings and instructions in this manual and in related manuals.
Be familiar with the controls and the proper usage of the equipment.
Save these instructions.



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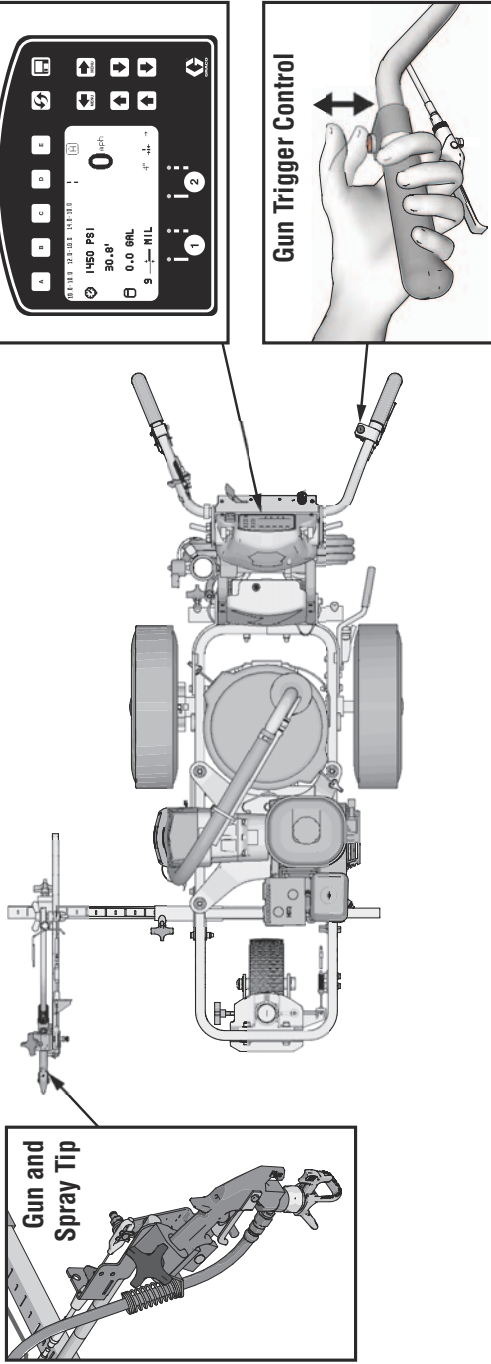
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NOTE: For Best results, always dot in the same direction.

NOTE: Minimum RPM for placing dots is 2600.

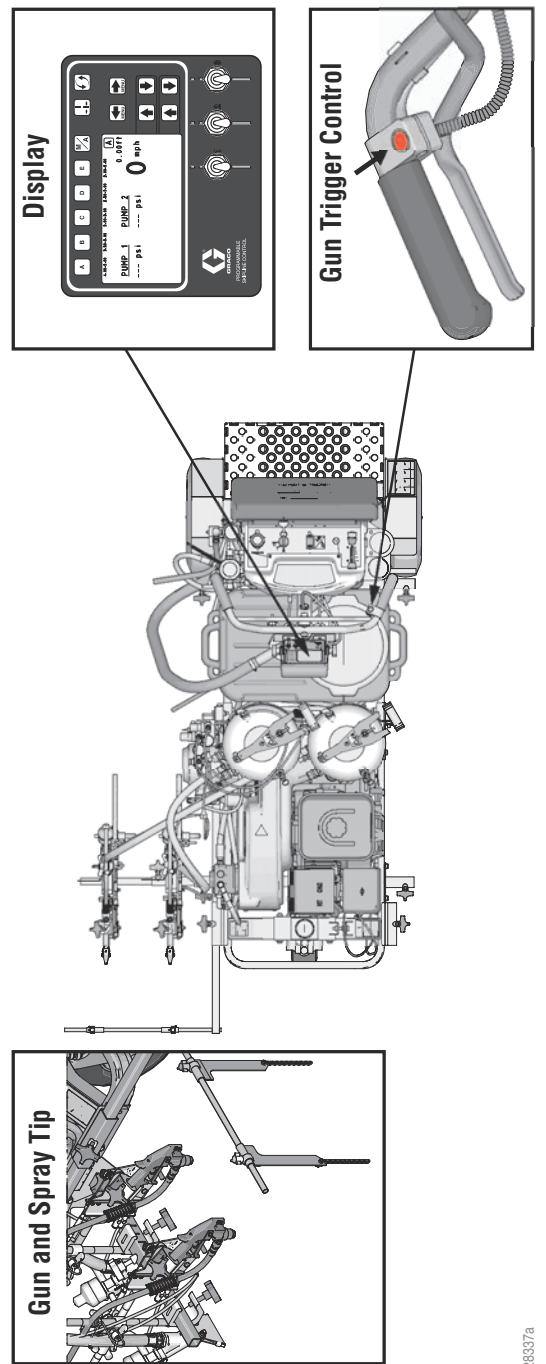
NOTE: Minimum pressure on LLIV 250SPS is 1000 psi.

LineLazer V Auto-Layout System



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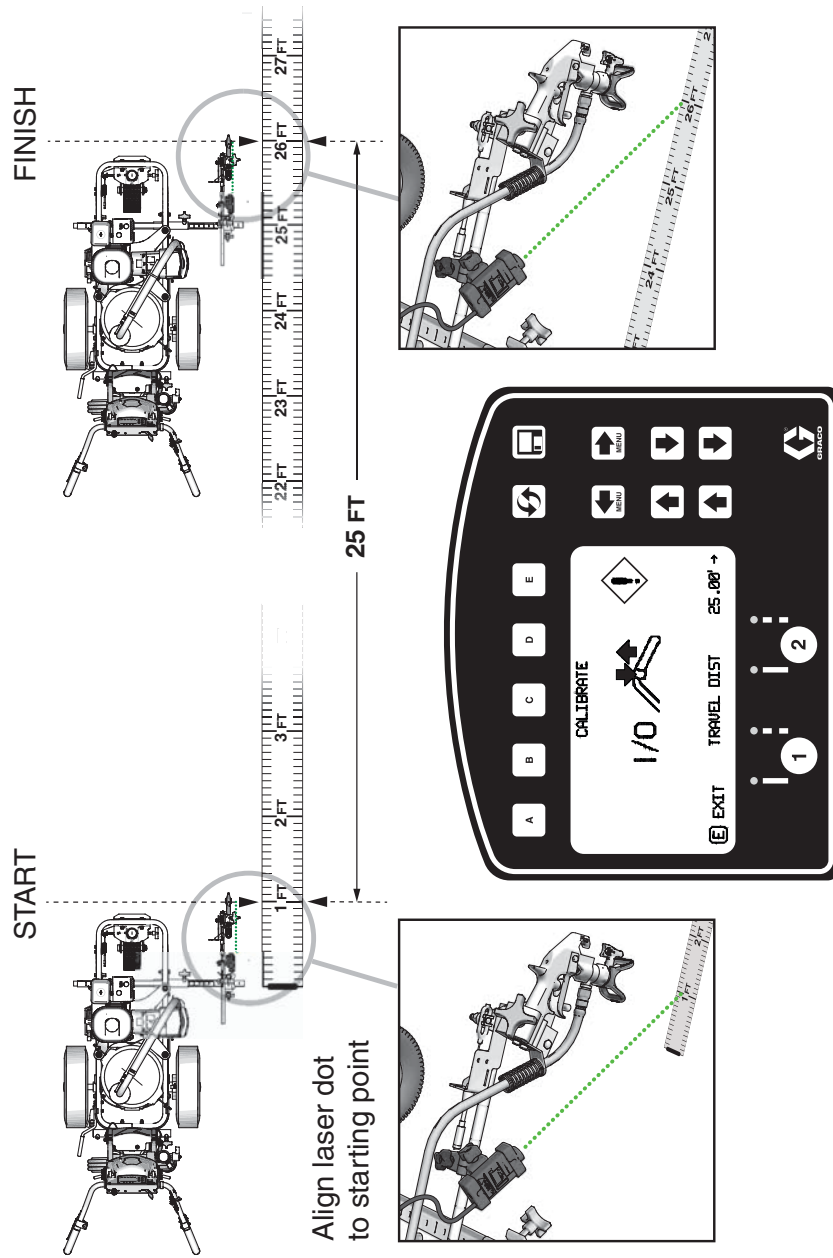
LineLazer V 250SPS & 250DC



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Calibration

Minimum 25 ft precision course



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CALIBRATION AND UNITS

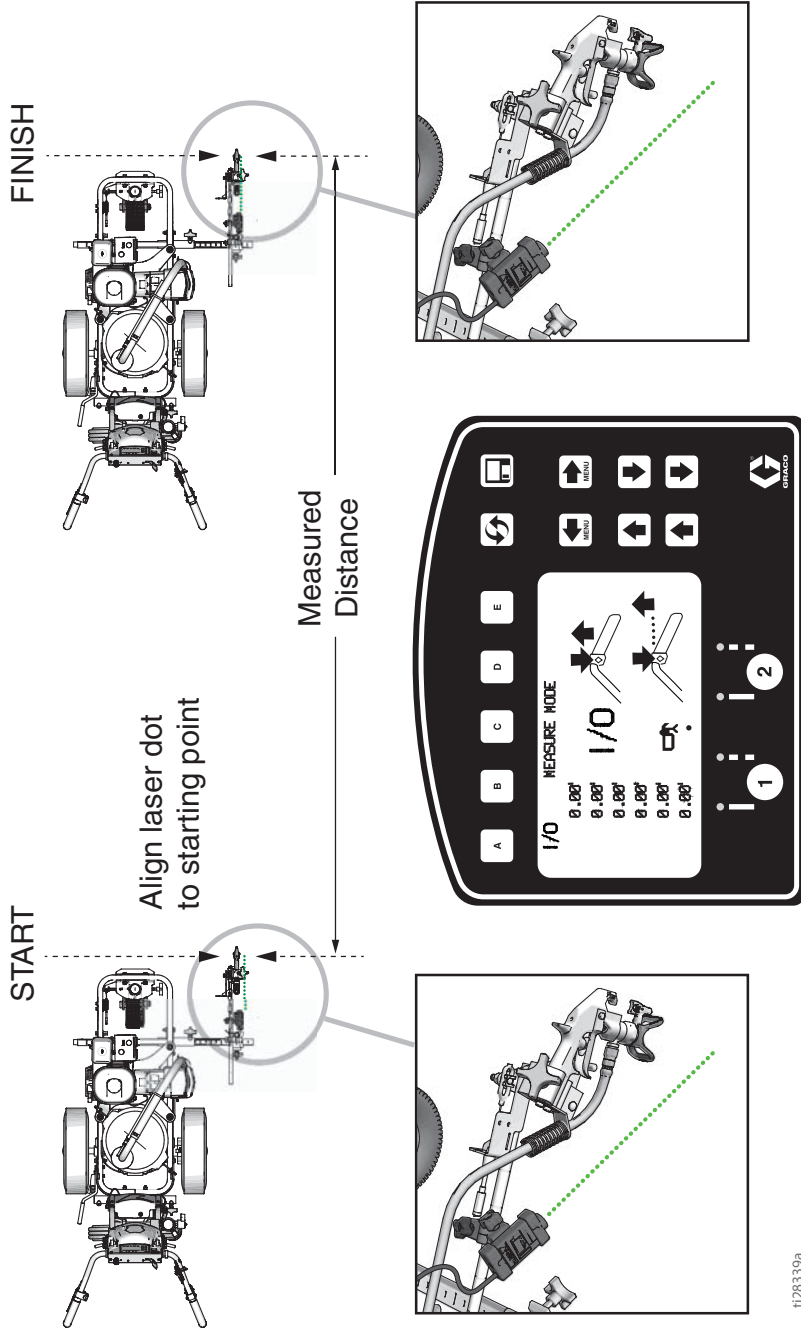
Press **REMOTE SWITCH** to **START** calibration. Press **REMOTE SWITCH** to **FINISH** calibration.

IMPORTANT NOTE: For best results, calibrate to a minimum of 25 ft. Use only steel measuring tape. Precise start and stop are necessary. Calibration distance above 100 ft is not recommended due to inaccuracy with setting up the course. Tire air pressure variations can negatively impact accuracy of unit.

CHANGE UNITS changes all displayed values to metric or standard units of measure.

Measure Mode

Used for measuring and marking specific distances



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MEASURE MODE

At any time while in **MEASURE MODE**, if an Auto gun is set to active, momentarily hold down **GUN TRIGGER CONTROL** to apply a dot. Holding down **GUN TRIGGER CONTROL** will produce continuous dotted line with 1 foot dot spacing when moving, used for pre-marking.

Press **GUN TRIGGER CONTROL** to **START**. Press **GUN TRIGGER CONTROL** to **FINISH**. Measurements automatically increment down on screen, last measurements display at all times.

NOTE: The striper measures moving forward or reverse.

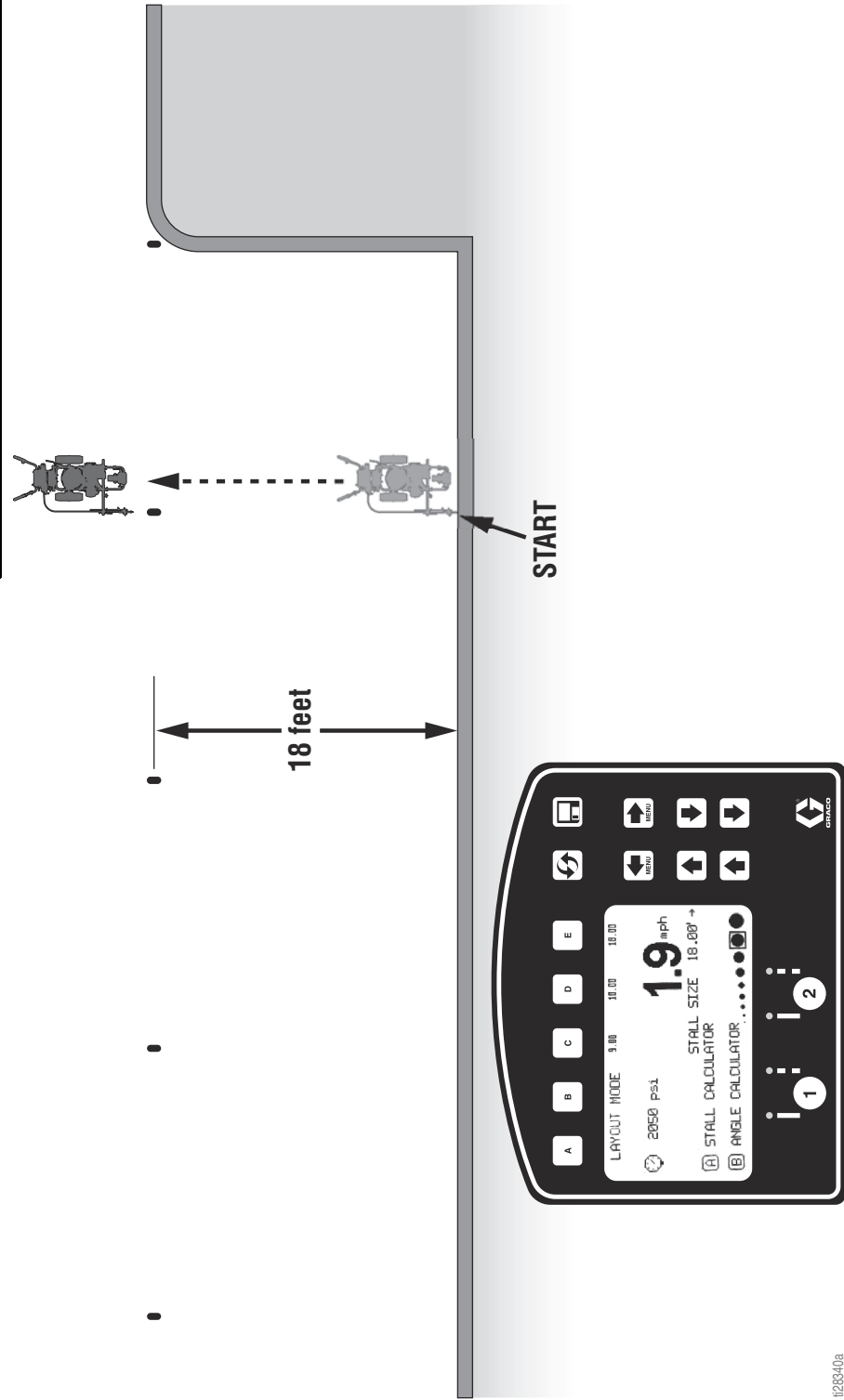
Basic Stall Layout: Layout Mode

Establishing outer boundary with reference dots

NOTE: For best results, always dot in the same direction.

NOTE: Minimum RPM for placing dots is 2600.

NOTE: Minimum pressure on LLV 250SPS & 250DC is 1000 psi.



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LAYOUT

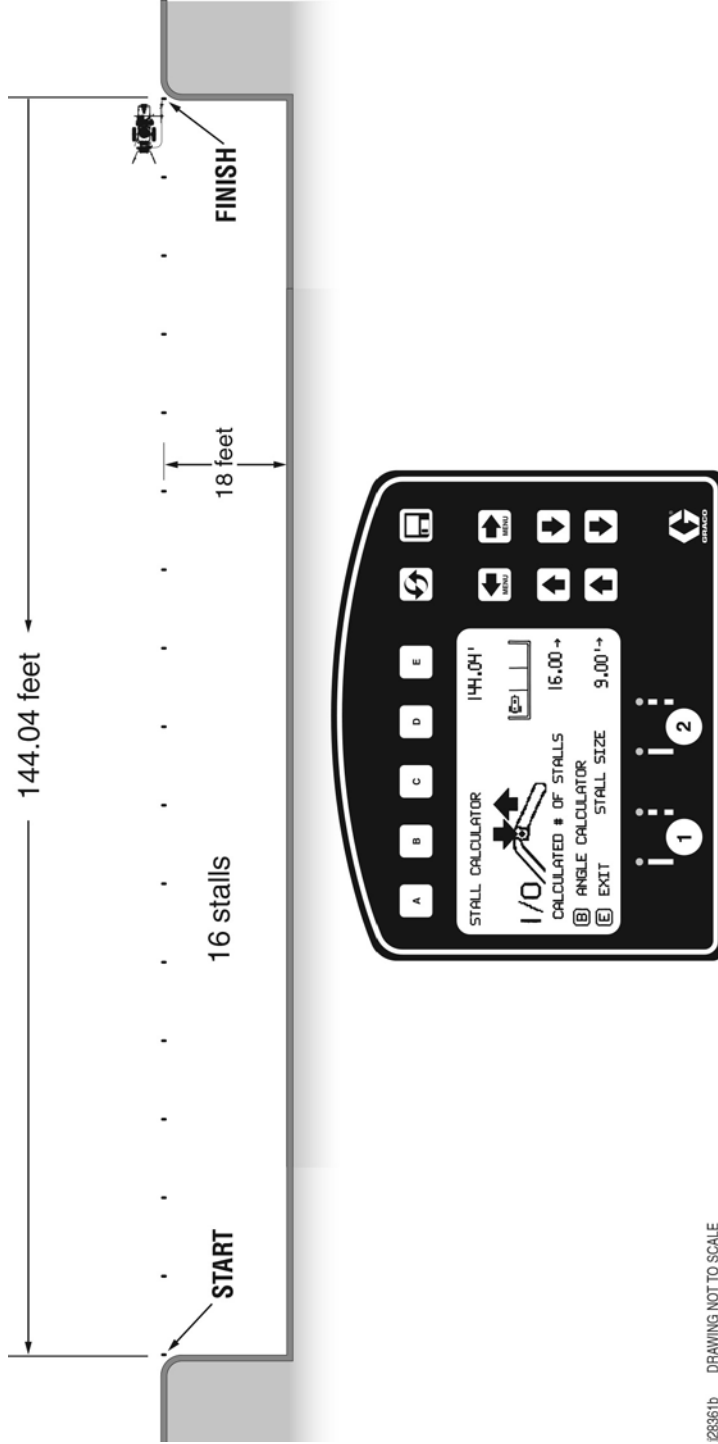
MODE

Set 1 or 2 guns to active. Press **GUN TRIGGER CONTROL** to **START** and **FINISH**.

Establish enough reference dots to guide striper for applying stall lines. In this case, 18 ft from inner curbing.

Basic Stall Layout: Stall Calculator

Measure for automatic calculation or select desired stall size



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STALL CALCULATOR

Press **GUN TRIGGER CONTROL** to **START** and **FINISH** calculation. **IMPORTANT NOTE:** Start-point and finish-point accuracy is critical.

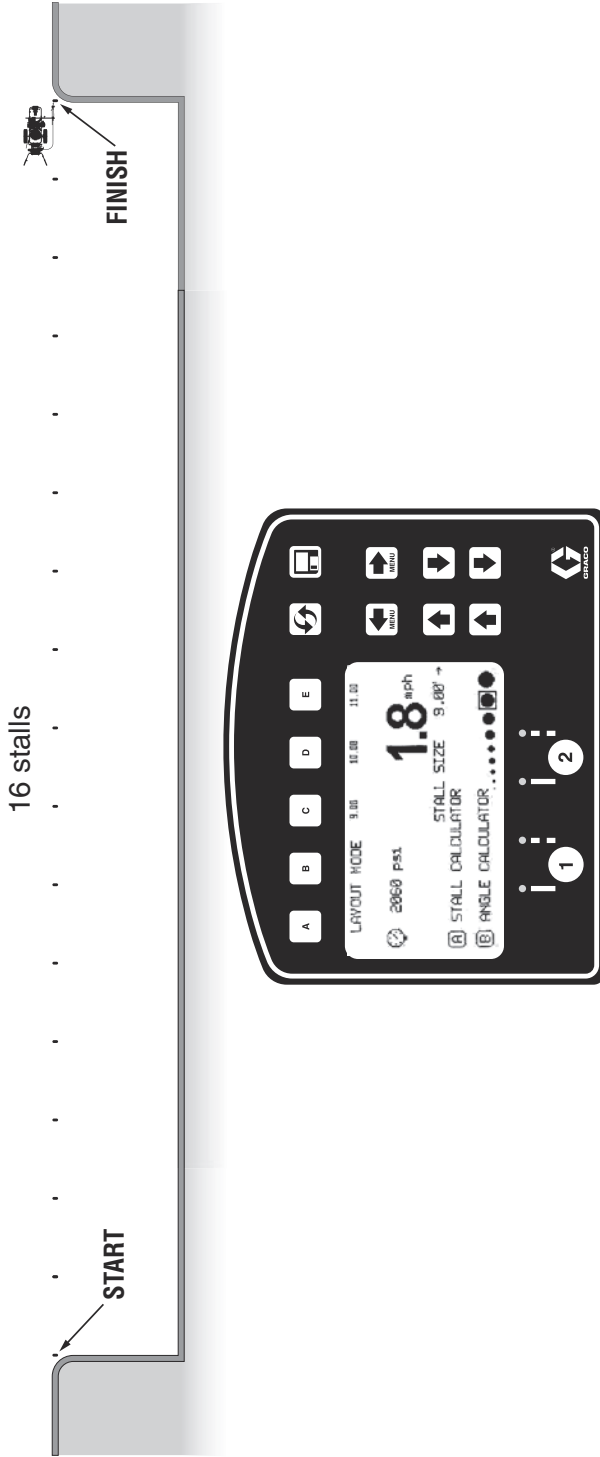
Press **GUN TRIGGER CONTROL** to start measuring. Follow the established 18 ft reference dots, measure from start to finish. Press remote switch to stop measuring.

Use up/down arrows to adjust number of stalls as desired.

NOTE: System automatically transfers the calculated **STALL SIZE** from **STALL CALCULATOR** to **LAYOUT MODE** screen.

Basic Stall Layout: Layout Mode

Mark dots at beginning of each stall



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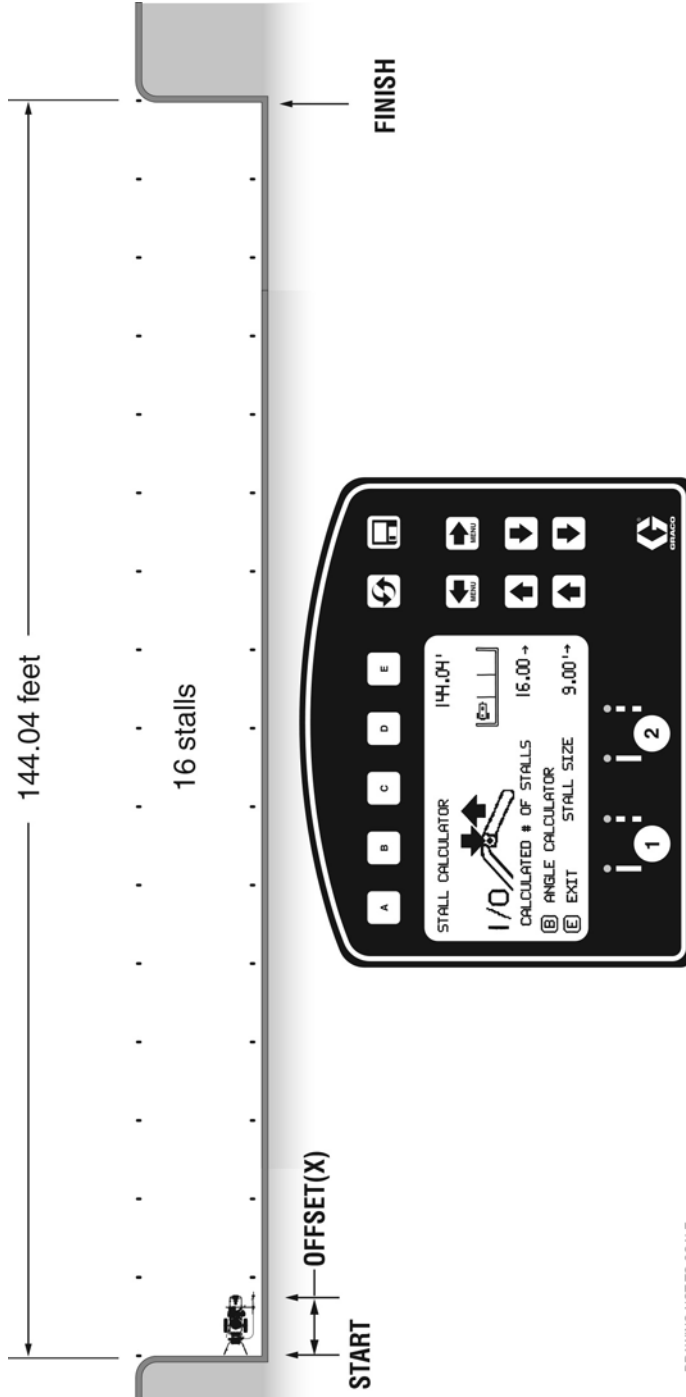
LAYOUT MODE
 Press **GUN TRIGGER CONTROL** to **START** and **FINISH** dots.

Utilizing calculated stall size, apply dots, traveling from start to finish.

NOTE: System automatically transfers the calculated **STALL SIZE** from **STALL CALC** screen if desired.

Basic Stall Layout: Stall Calculator


Measuring between curbs for automatic calculation





DRAWING NOT TO SCALE



STALL CALCULATOR OFFSET

Back the striper up to the curb, then use a tape measure to measure from where the tire touches the curb to the laser dot on the ground.

Use  to enter the offset (x) value.

This value can be stored by holding  for 2 seconds.

The value stored under  can be added to the measured distance before or after the measurement is taken between curbs.

The offset (x) value can also be adjusted before or after the measurement is taken by using  .

Stall size and calculated number of stalls are both adjustable.

Press **GUN TRIGGER CONTROL** to START and FINISH calculation

IMPORTANT NOTE: Start-point and finish-point accuracy is critical.

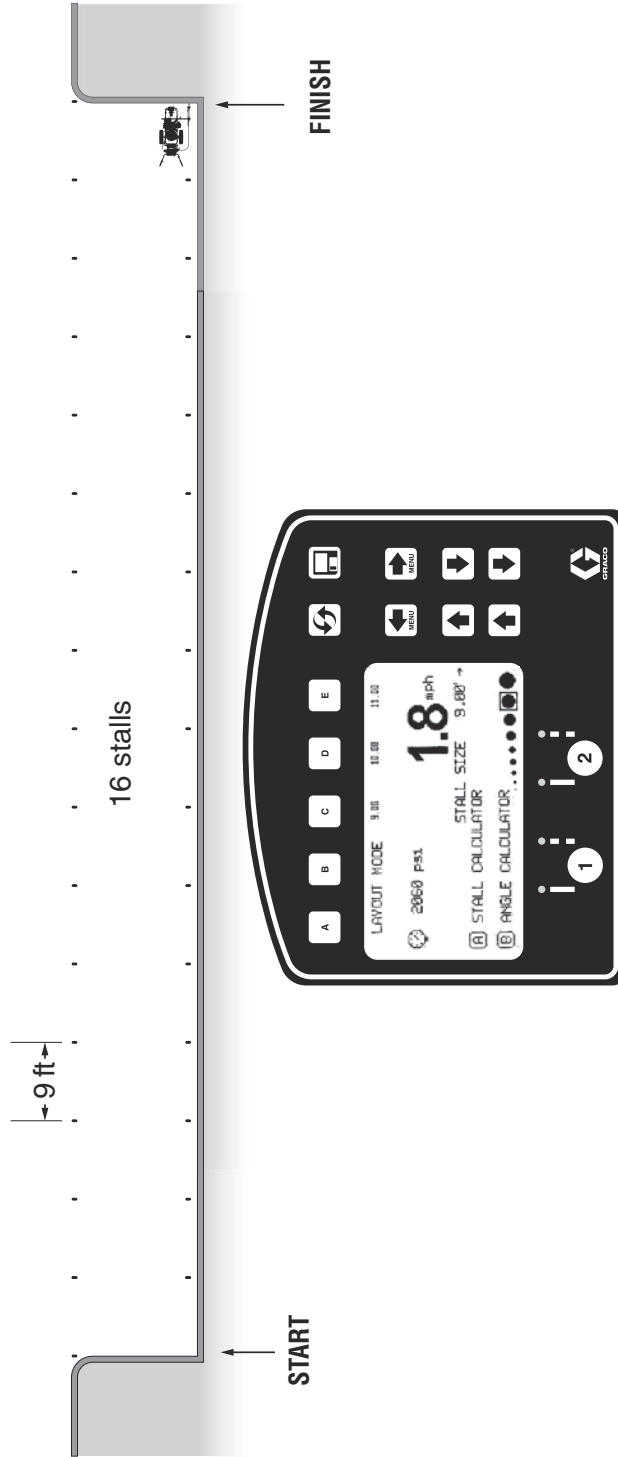
Press gun trigger control at start measuring following curbing as a reference. Press remote switch to stop measuring.

Use up/down arrows to adjust number of stalls as desired.

NOTE: System automatically transfers the calculated **STALL SIZE** from **STALL CALCULATOR** to **LAYOUT MODE** screen.

Basic Stall Layout: Layout Mode

Mark dots at end of each stall



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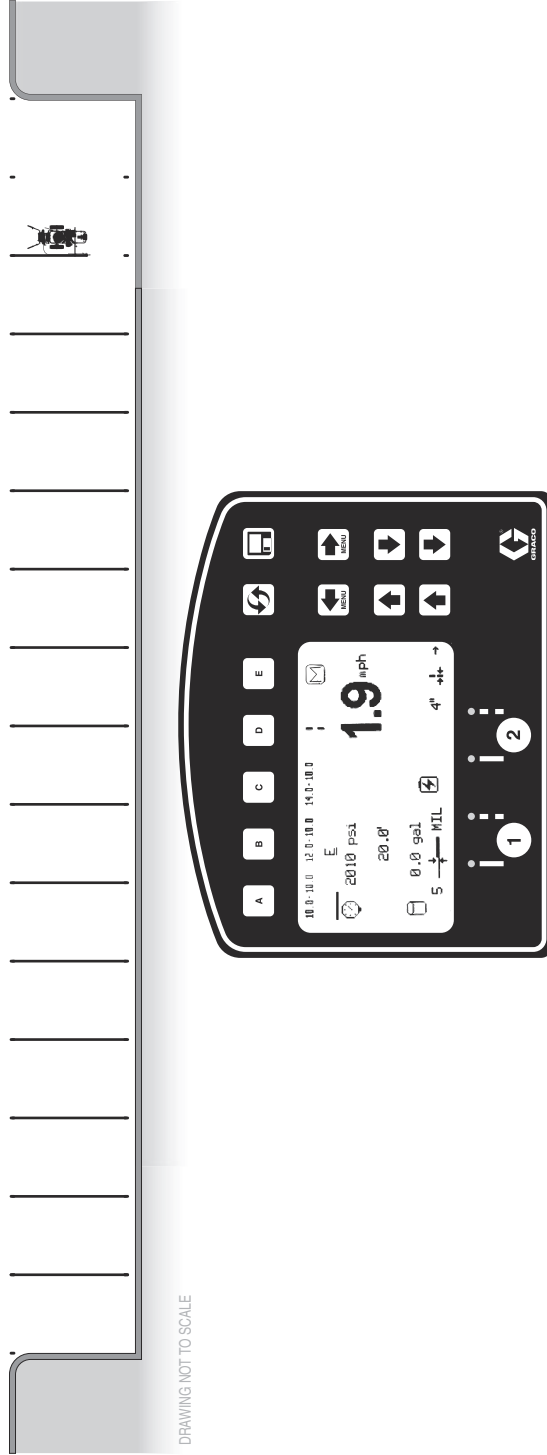
LAYOUT MODE
Press **GUN TRIGGER CONTROL** to **START** and **FINISH** dots.

Press remote switch at start while following curbing as a reference applying evenly spaced dots. Press remote switch at finish to stop dots.

Establish first stall perpendicular to curb as shown (if curbing does not allow room for striper).

Basic Stall Layout: Striping Mode

Paint lines (connect the dots)

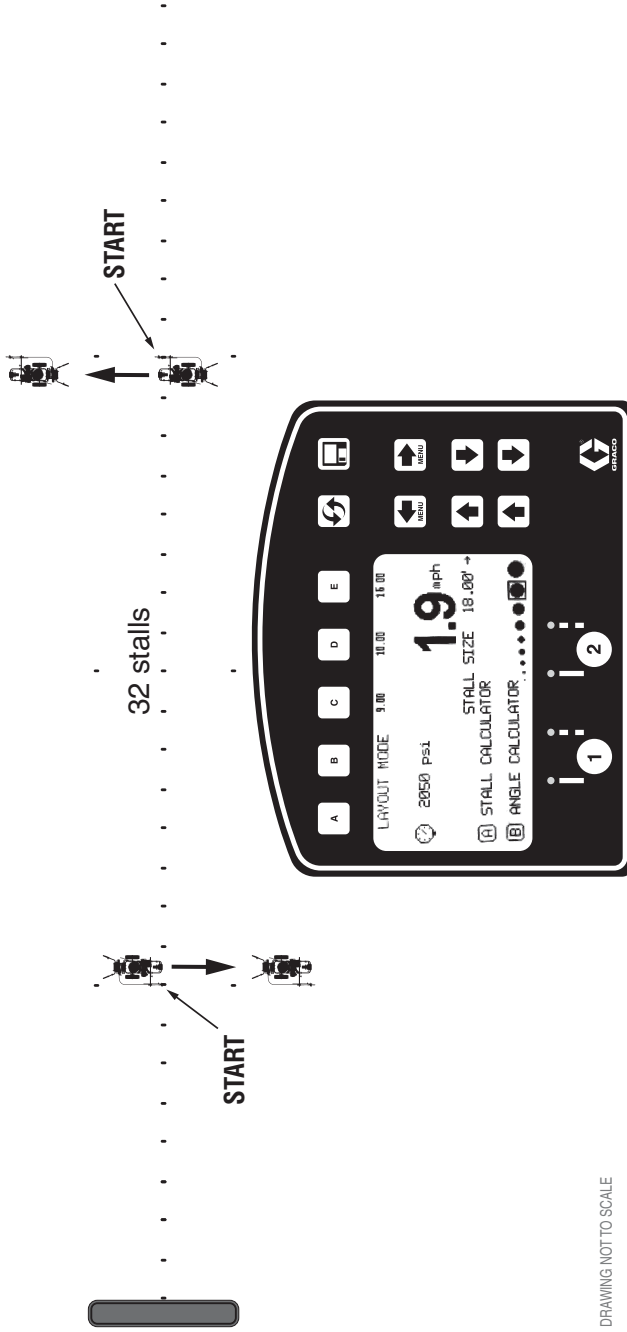


STRIPING MODE
Simply connect the dots with your sprayer.

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Island Stall Layout: Layout Mode

Establish the center line and outer boundary first



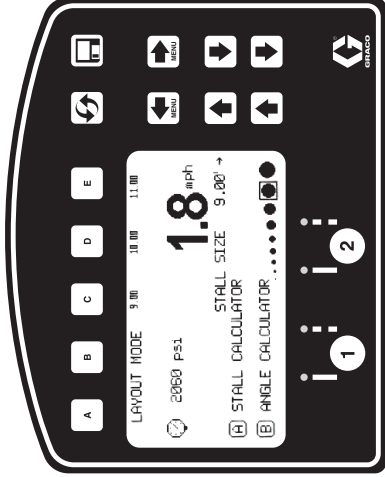
DRAWING NOT TO SCALE
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- LAYOUT MODE**
Set a gun to active. Press **GUN TRIGGER CONTROL** to start and stop dots.
- Establish enough reference dots to guide striper for applying stall lines by using **LAYOUT MODE** measuring 18 ft out from centerline.
- NOTE:** The striper measures moving forward or reverse, as shown, placing evenly spaced dots at desired spacing.

Island Stall Layout: Layout Mode

Place dots at the beginning of each stall line

- NOTE:** For Best results, always dot in the same direction.
- NOTE:** Minimum RPM for placing dots is 2600.
- NOTE:** Minimum pressure on LLV 250SPS & 250DC is 1000 psi.

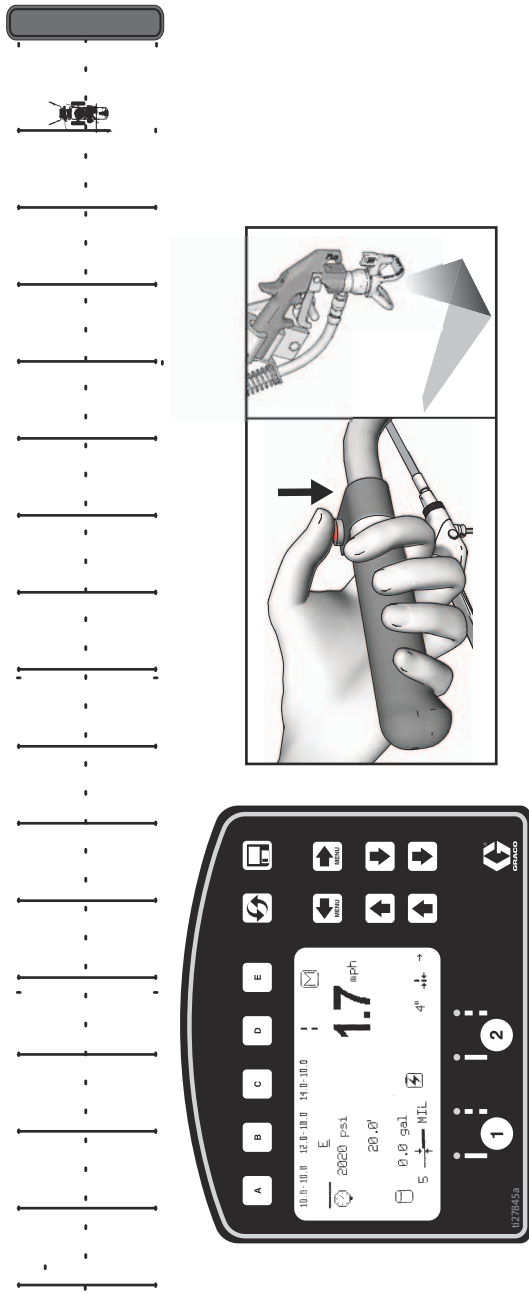


DRAWING NOT TO SCALE
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LAYOUT MODE
Set gun to active. Press **GUN TRIGGER CONTROL** to start and stop dots.
NOTE: See Basic Stalls section (pages 4-8) to automatically measure and calculate stall size.

Island Stall Layout: Striping Mode

Paint lines (connect the dots)



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DRAWING NOT TO SCALE

STRIPING MODE
Simply connect the dots with the striper.

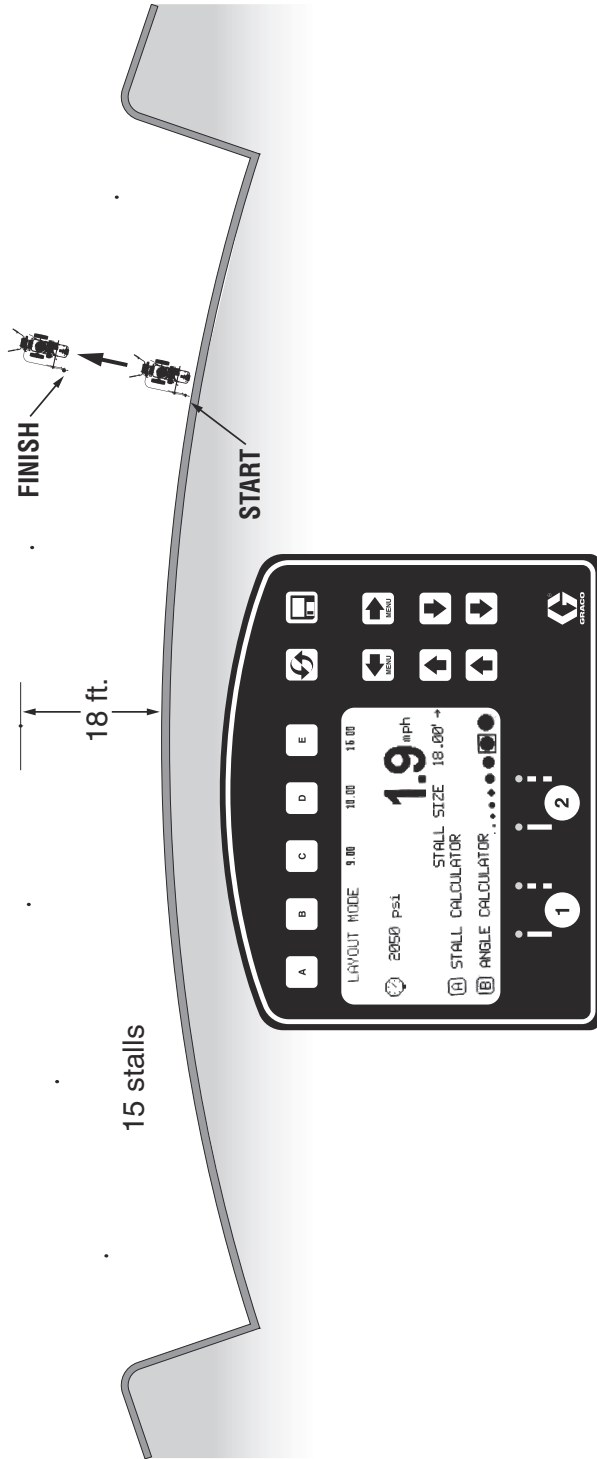
Radius Stall Layout: Layout Mode

Place evenly spaced dots at beginning of each stall

NOTE: For best results, always dot in the same direction.

NOTE: Minimum RPM for placing dots is 2600.

NOTE: Minimum pressure on LLV 250SPS & 250DC is 1000 psi.



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LAYOUT MODE

Set gun to active. Press **GUN TRIGGER CONTROL** to **START** and **FINISH**.

Establish enough reference dots to guide striper for measuring and applying stall lines. In this case, 18 feet from inner curbing.