

Application Methods



LineLazer™ IV 3900, 5900, 200HS Auto-Layout™ System Airless Line Stripers

312307 rev.A

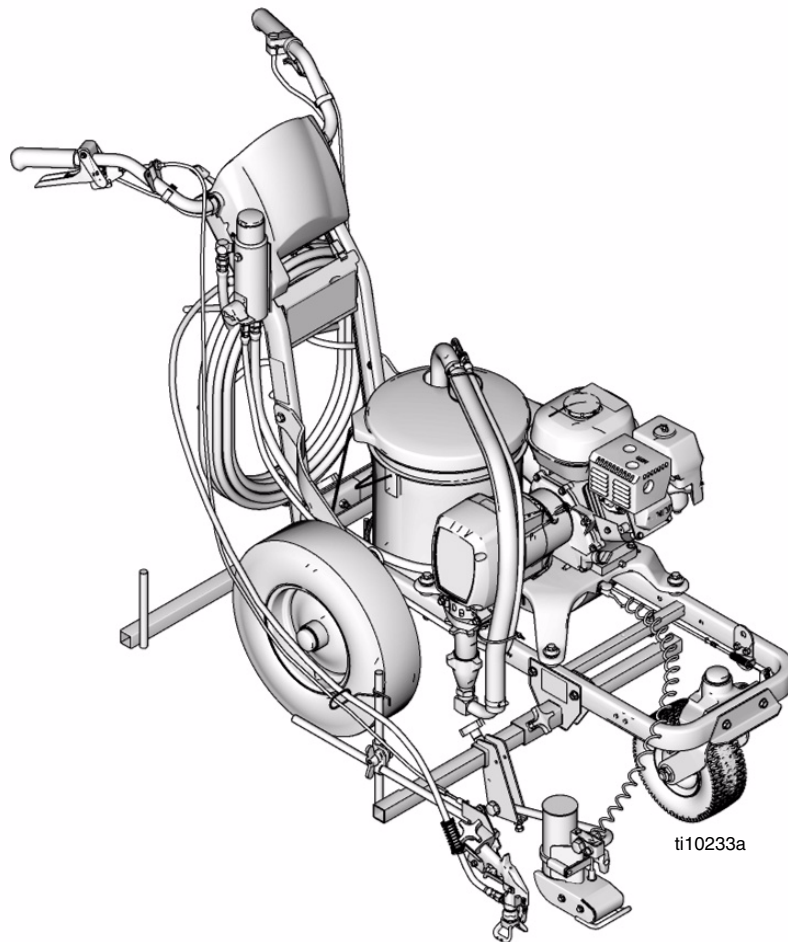
- For the application of line striping materials -

3300 psi (22.8 MPa, 228 bar) Maximum Working Pressure



Important Safety Instructions

Read all warnings and instructions in the Operations Manual 312190. Save these instructions.



PROVEN QUALITY. LEADING TECHNOLOGY.



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

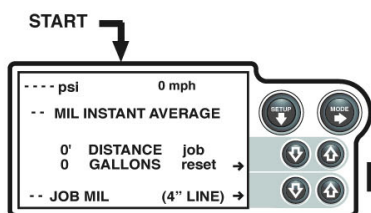
NOTE: Minimum RPM for placing dots is 2600.

Auto-Layout™ System

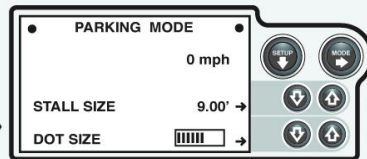
312307A

QUICK REFERENCE USER GUIDE

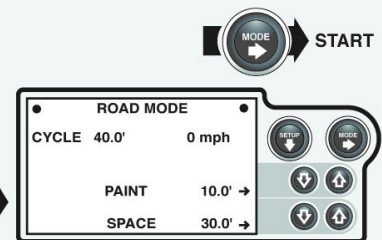
STRIPING MODE



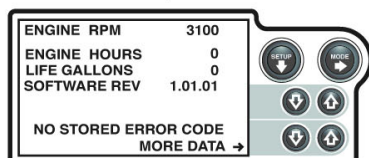
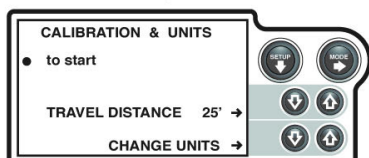
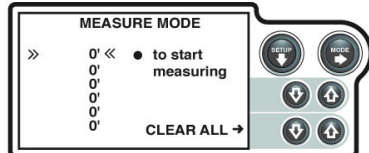
PARKING MODE



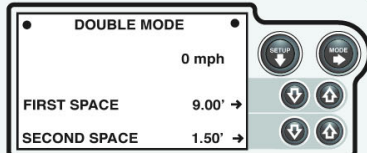
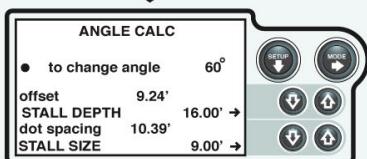
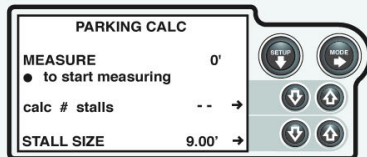
ROAD MODE



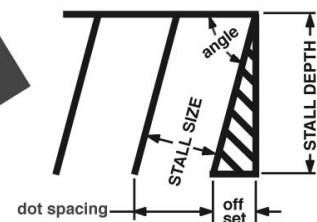
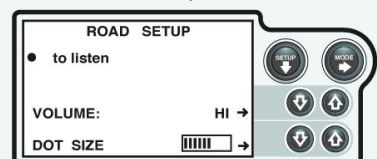
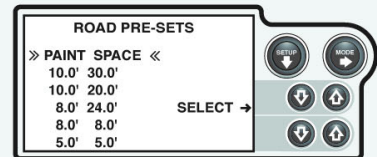
ADVANCED FEATURES



ADVANCED FEATURES



ADVANCED FEATURES



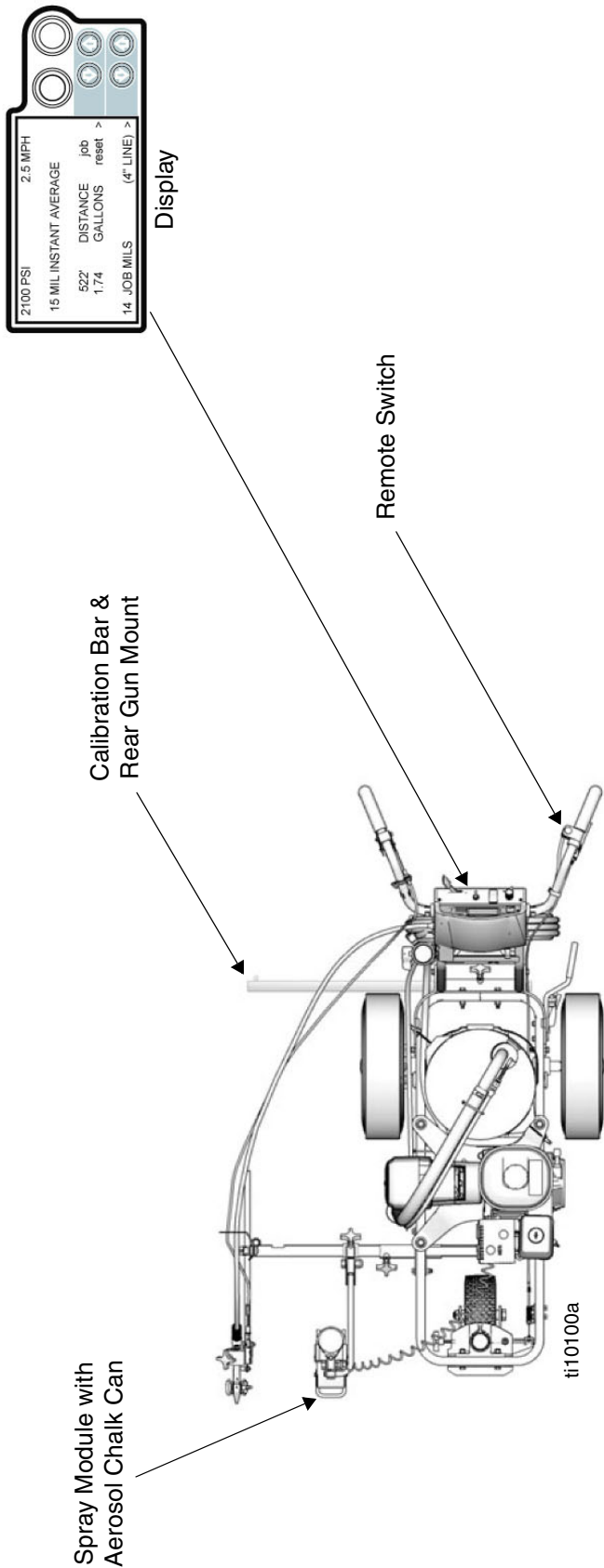
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15M129B Graco Inc. P.O. Box 1441 Minneapolis, MN 55440-1441
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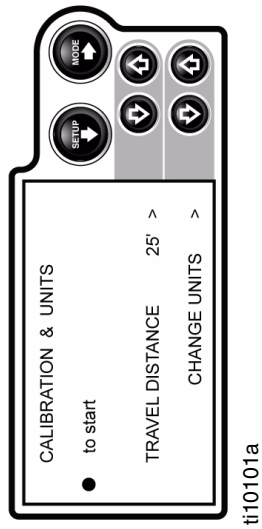
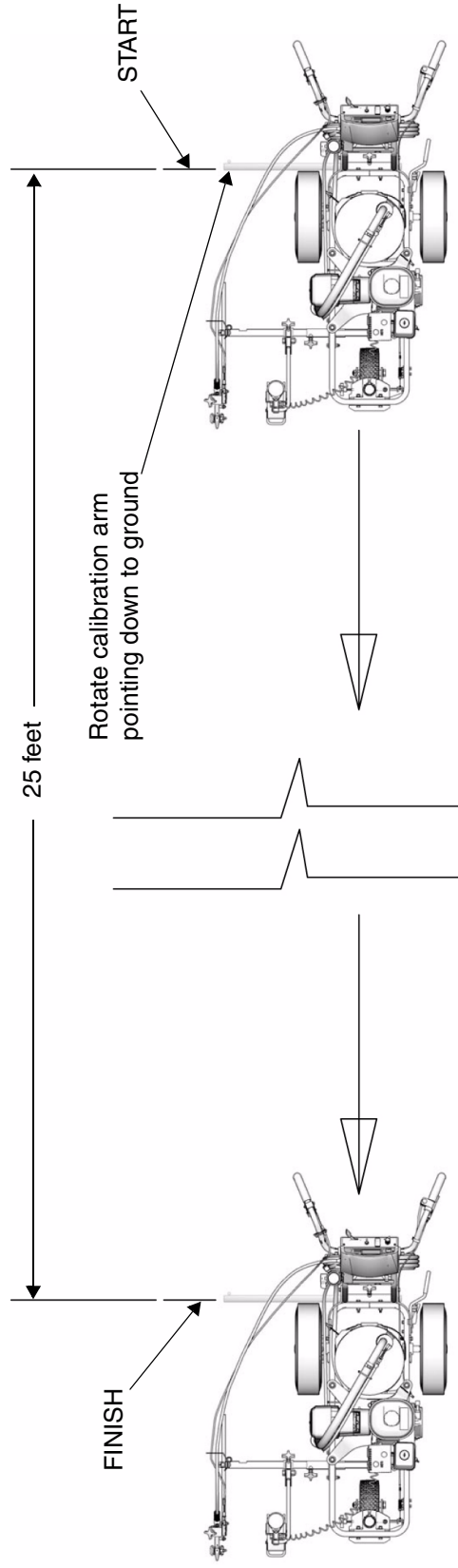
Auto-Layout™ System

LineLazer IV Auto-Layout System



Calibration

Minimum 25 ft precision course



CALIBRATION AND UNITS

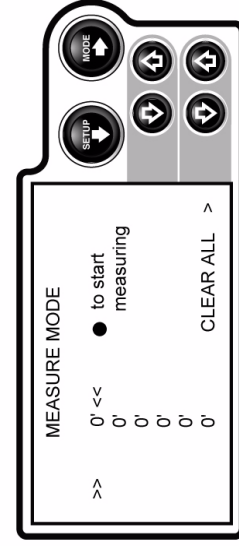
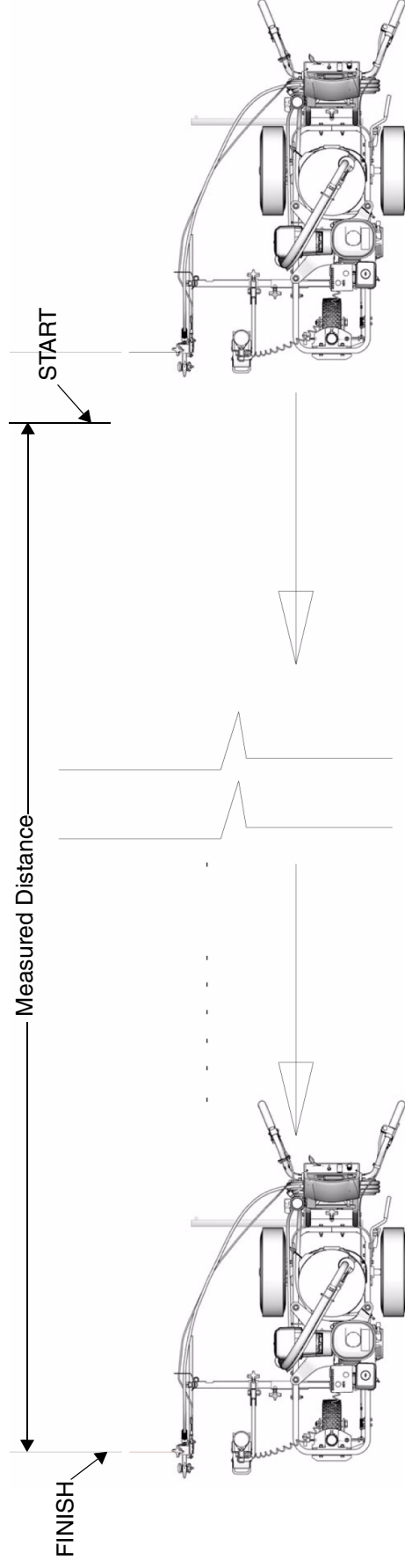
Press **REMOTE SWITCH** to **START** calibration. Press **REMOTE SWITCH** to **FINISH** calibration.

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



MEASURE MODE

At any time while in **MEASURE MODE**, momentarily hold down **REMOTE SWITCH** to apply dot. Holding down **REMOTE SWITCH** will produce continuous dotted line 1 foot dot spacing when moving, used for pre-marking.

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

Measurements automatically increment down on screen, last measurements display at all times.

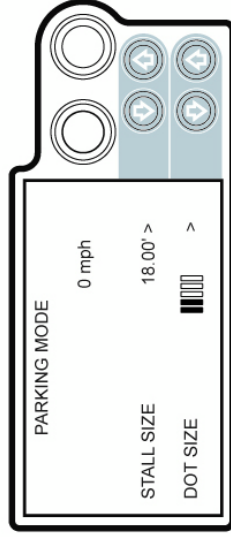
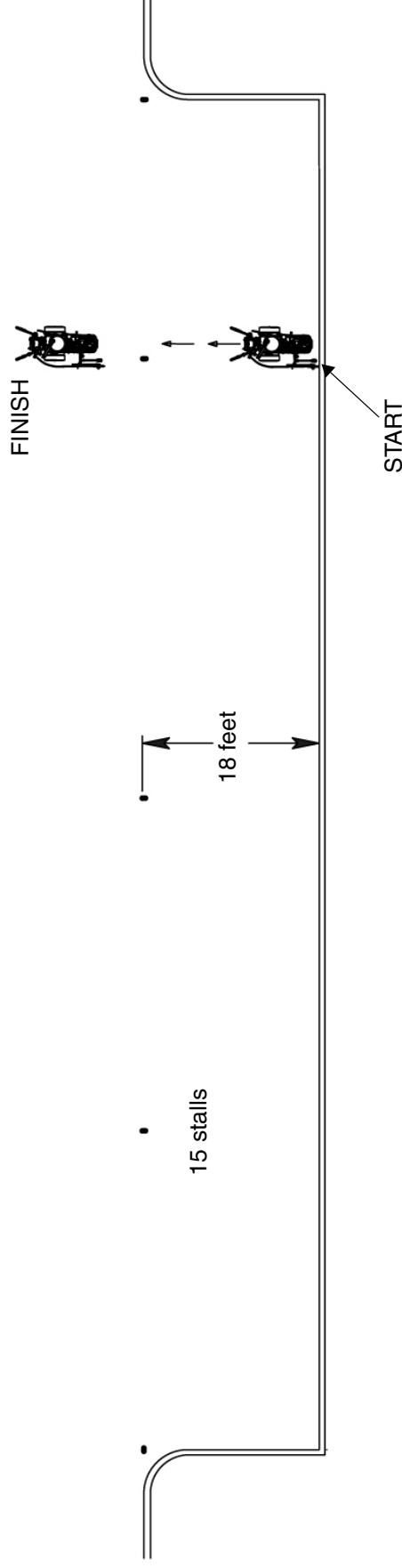
NOTE: The striper measures moving forward or reverse.

Basic Stall Layout: Parking 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.



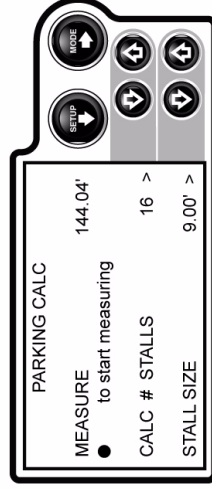
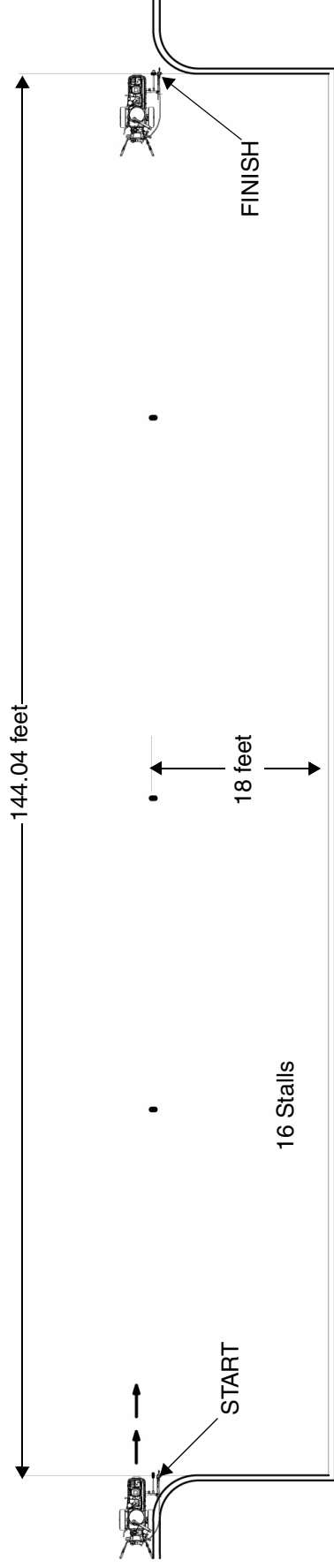
ti10103a

PARKING MODE
Press **REMOTE SWITCH** 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: Parking Calculation

Measure for automatic calculation or select desired stall size



ti10104a

PARKING CALC

Press **REMOTE SWITCH** to **START** and **FINISH** calculation. **IMPORTANT NOTE:** Start-point and finish-point accuracy is critical.

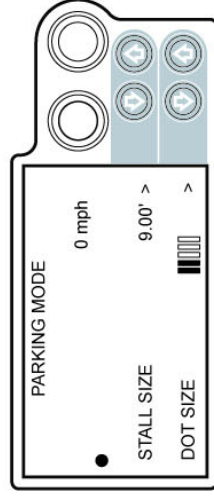
Press remote switch to start measuring. Follow the established 18 ft reference dots, measure from start to finish. Press remote switch to stop measuring.

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

NOTE: System automatically transfers the calculated **STALL SIZE** from **PARKING CALC** to **PARKING MODE** screen.

Basic Stall Layout: Parking Mode

Mark dots at beginning of each stall



ti10105a

PARKING MODE

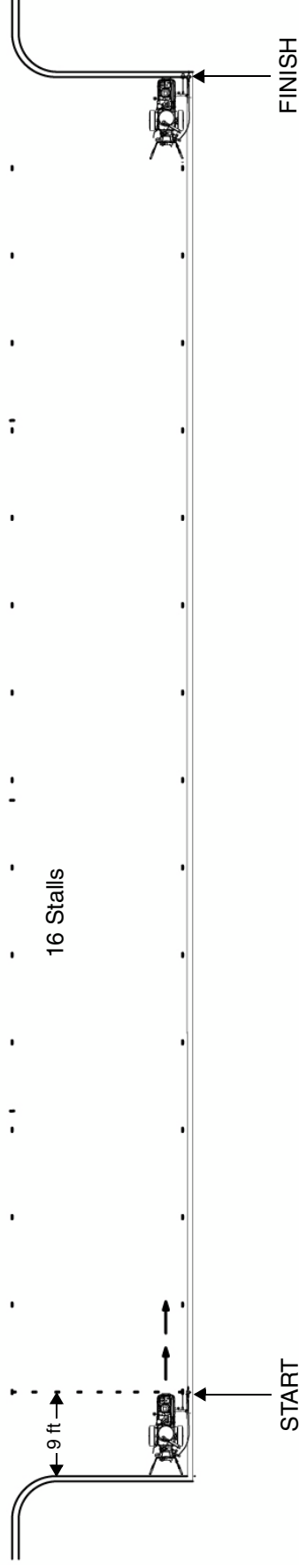
Press **REMOTE SWITCH** to **START** and **FINISH** dots.

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

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

Basic Stall Layout: Parking Mode

Mark dots at end of each stall

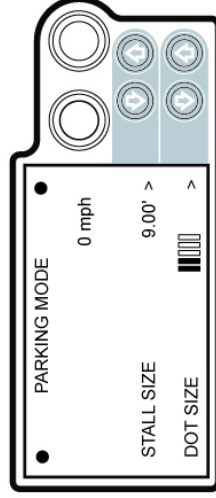


PARKING MODE

Press **REMOTE SWITCH** 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.

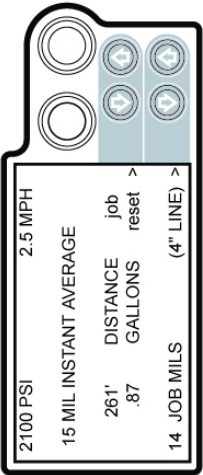
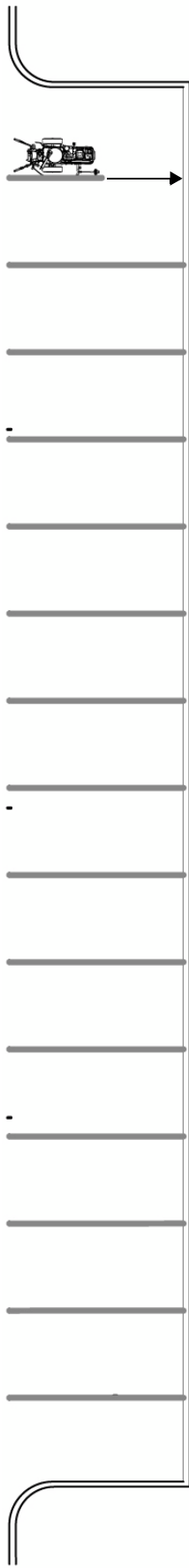
Establish first stall perpendicular to curb as shown (if curbing does not allow room for striper).



ti10106a

Basic Stall Layout: Striping Mode

Paint lines (connect the dots)



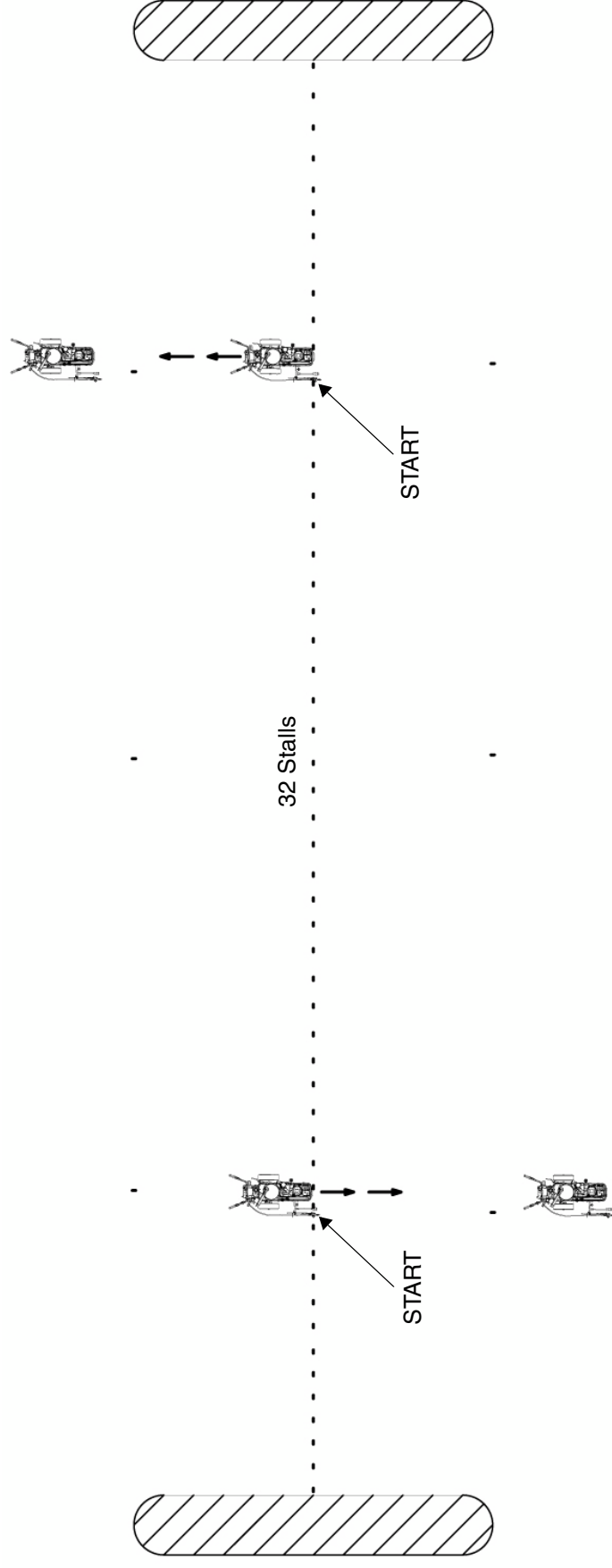
ti10107a

STRIPING MODE

Simply connect the dots with your sprayer.

Island Stall Layout: Parking Mode

Establish the center line and outer boundary first

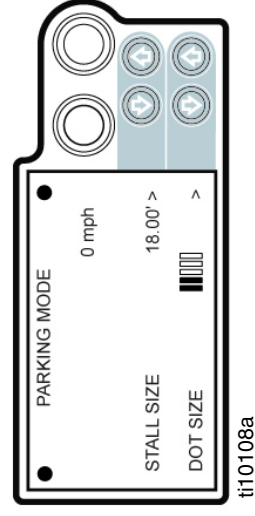


PARKING MODE

Press **REMOTE SWITCH** to start and stop dots.

Establish enough reference dots to guide striper for applying stall lines by using **PARKING MODE** measuring 18 ft out from centerline.

NOTE: The striper measures moving forward or reverse, as shown, placing evenly spaced dots at desired spacing.

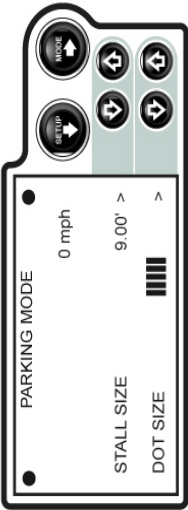
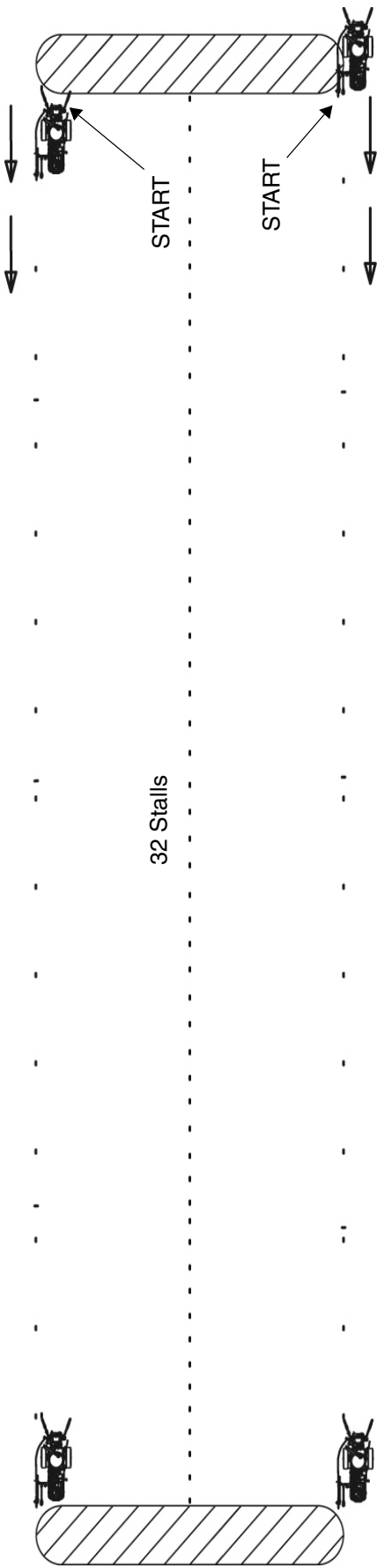


Island Stall Layout: Parking Mode

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.



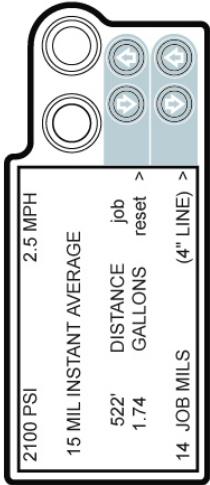
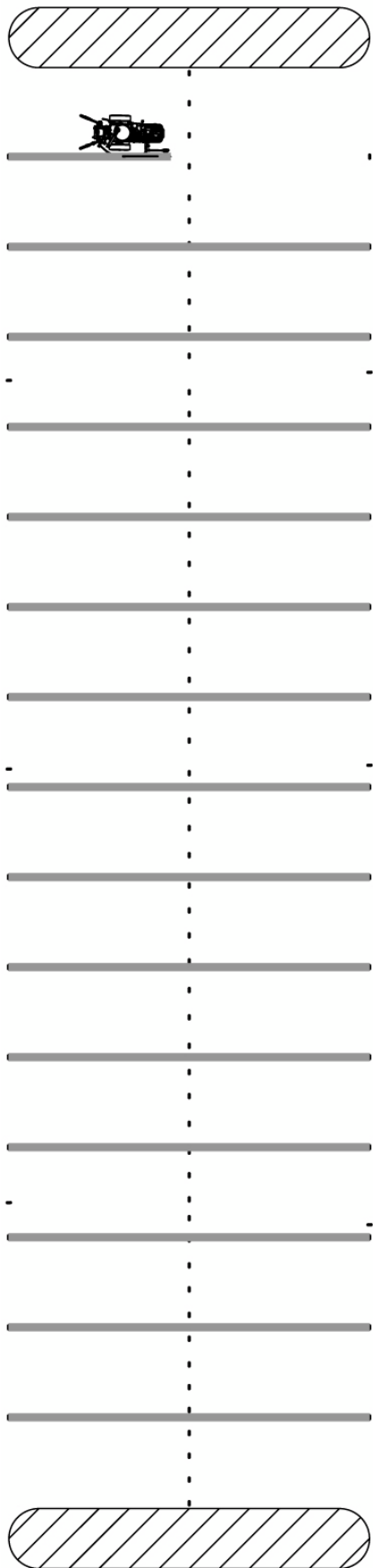
ti10109a

PARKING MODE
Press **REMOTE SWITCH** 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)



ti10110a

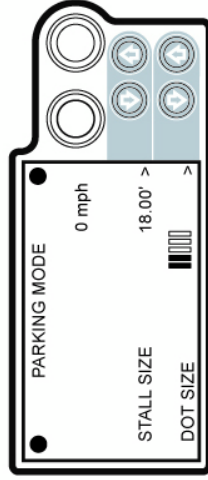
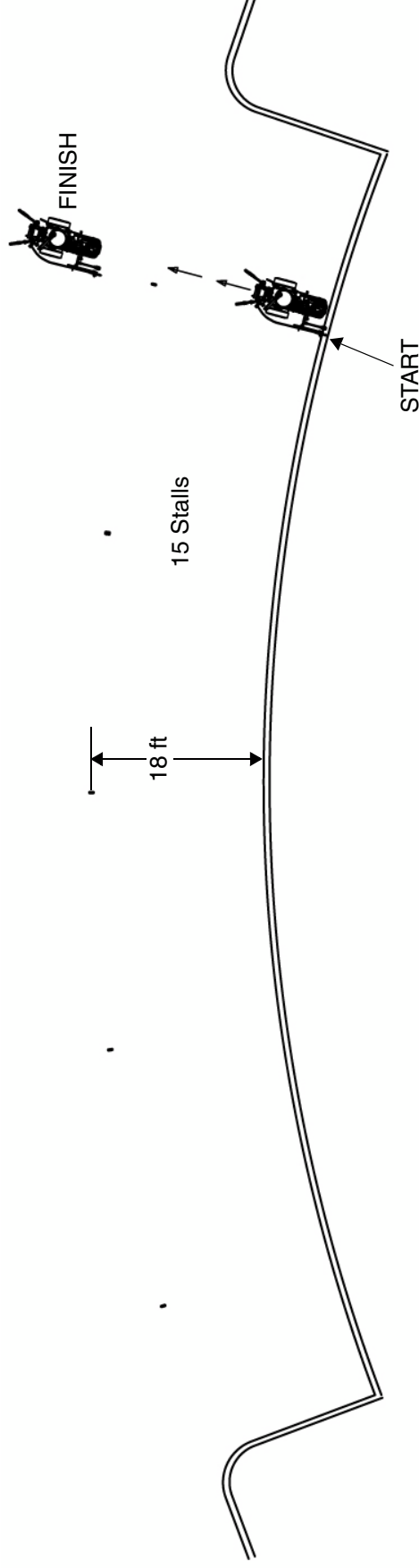
STRIPING MODE

Simply connect the dots with the striper.

Radius Stall Layout: Parking 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.



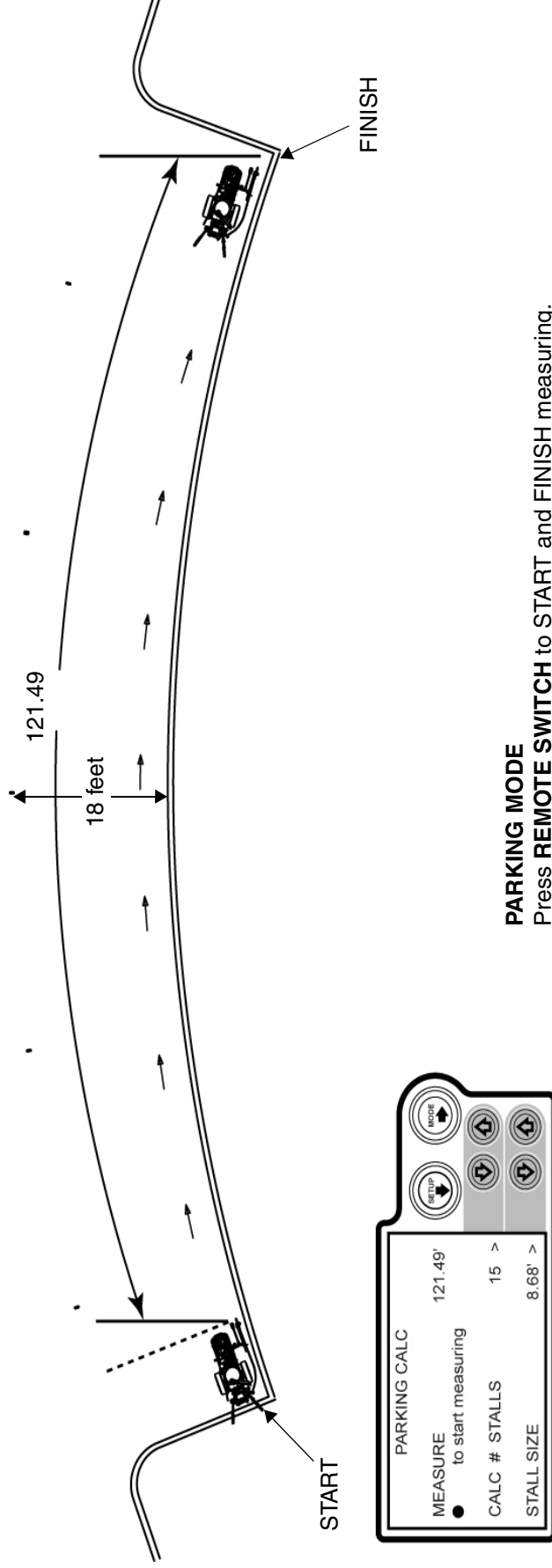
ti10113b

PARKING MODE
Press **REMOTE SWITCH** 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.

Radius Stall Layout: Parking Calculation

Measure inner perimeter distance



PARKING MODE

Press **REMOTE SWITCH** to START and FINISH measuring.

NOTE: Measure start-point and finish-point accuracy is critical.

Press remote switch at start, follow the curbing as a reference to guide striper along path measuring from start to finish. Press remote switch at finish to stop measuring.

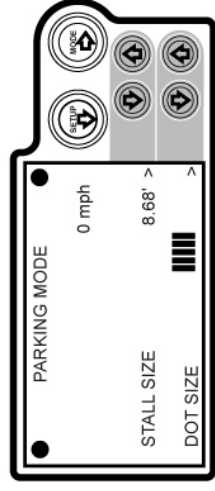
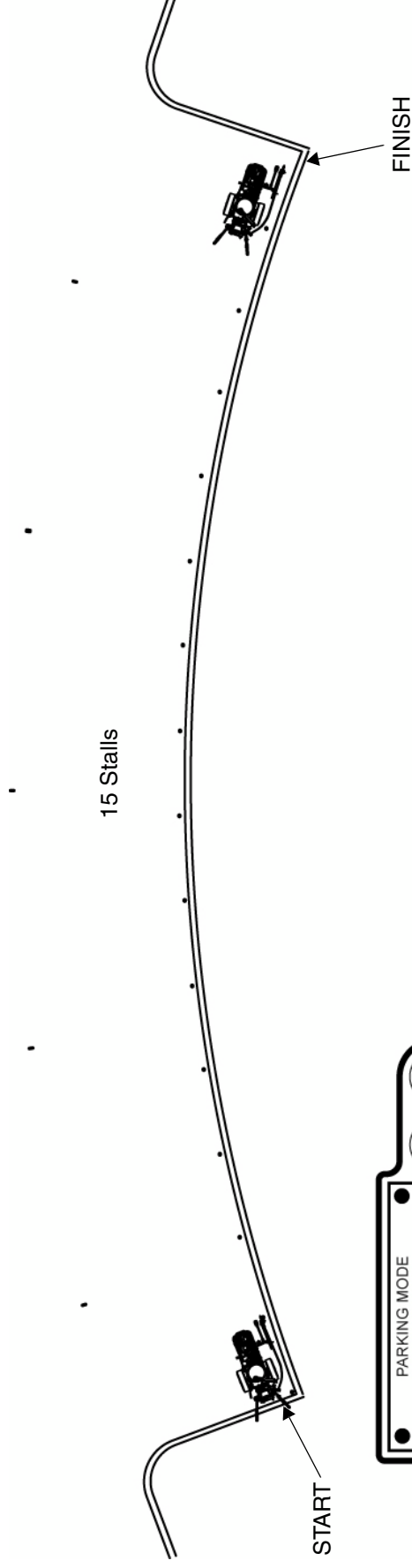
Use up/down arrows to adjust correct number of stalls. New parking stall size will display under **STALL SIZE**. Establish first stall if curbing does not allow room for striper (in this case 15 less 1 = 14 for the calculation).

NOTE: System automatically transfers the calculated **STALL SIZE** from **PARKING CALC** to **PARKING MODE** screen.

ti10411a

Radius Stall Layout: Parking Mode

Mark dots at end of each stall



ti10412a

PARKING MODE

Press **REMOTE SWITCH** to **START** and **FINISH** dots.

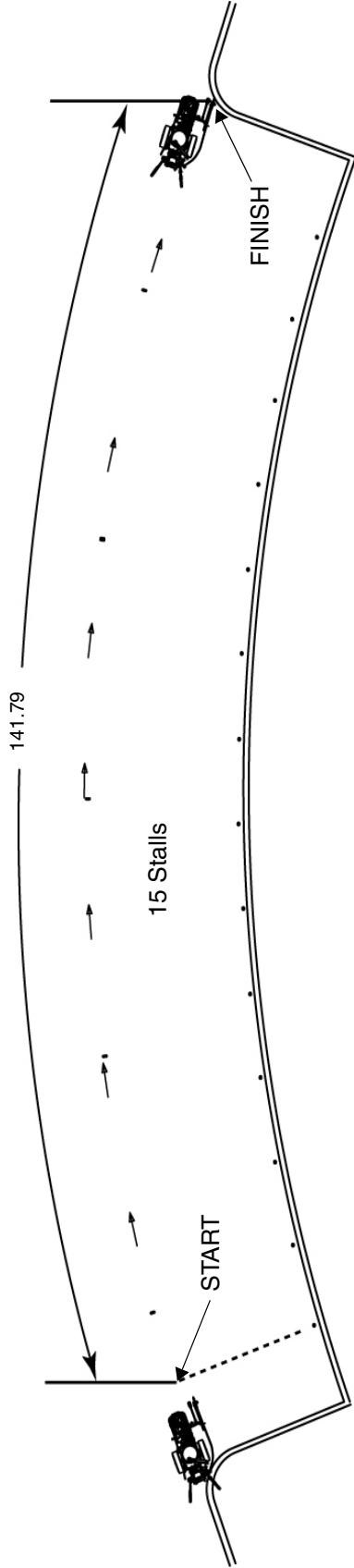
Utilizing calculated stall size, apply dots, traveling from start to finish.

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

NOTE: System automatically transfers the calculated **STALL SIZE** from **PARKING CALC** to **PARKING MODE** screen.

Radius Stall Layout: Parking Calculation

Measure outer perimeter distance



PARKING CALC	
MEASURE	141.79'
● to start measuring	
CALC # STALLS	15 >
STALL SIZE	9.45' >

ti10413a

PARKING CALC

Press **REMOTE SWITCH** to **START** and **FINISH** measuring.

NOTE: Start-point and finish-point accuracy is crucial.

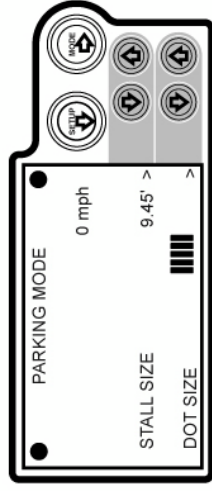
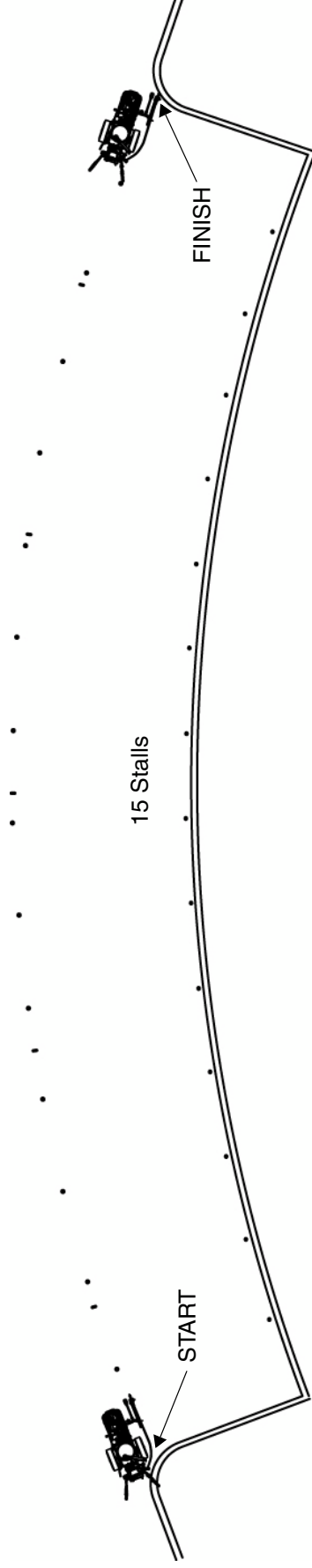
Press remote switch at start to begin measuring. Follow the established 18 ft reference dots measuring from start to finish. Press remote switch again to stop measuring.

Use up/down arrows to adjust correct number of stalls.

NOTE: System automatically transfers the calculated **STALL SIZE** from **PARKING CALC** to **PARKING MODE** screen.

Radius Stall Layout: Parking Mode

Place evenly spaced dots at beginning of each stall



ti10414a

PARKING MODE

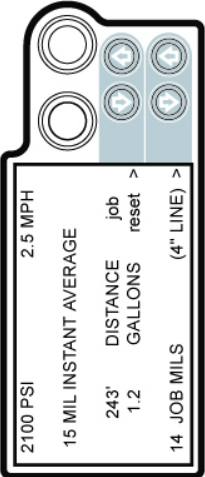
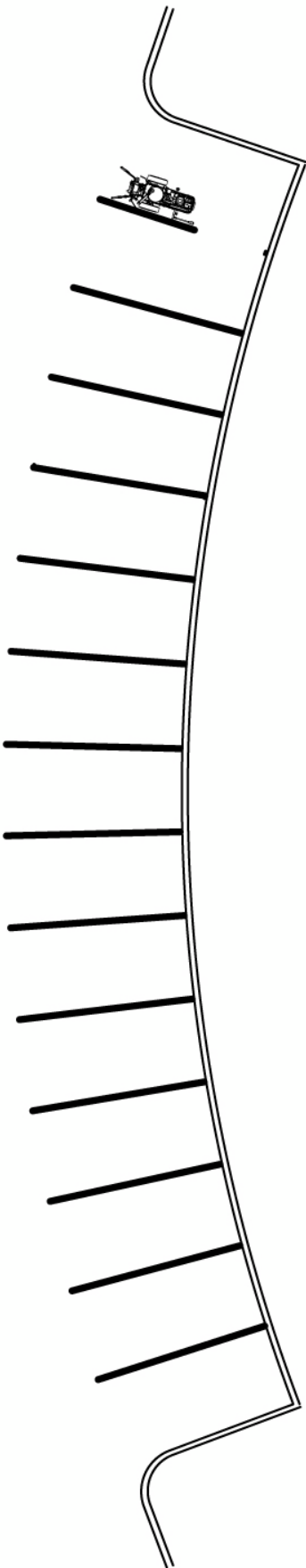
Press **REMOTE SWITCH** to **START** and **FINISH** dots.

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

NOTE: System automatically transposes the calculated **STALL SIZE** from **PARKING CALC** to **PARKING MODE** screen.

Radius Stalls

Paint lines



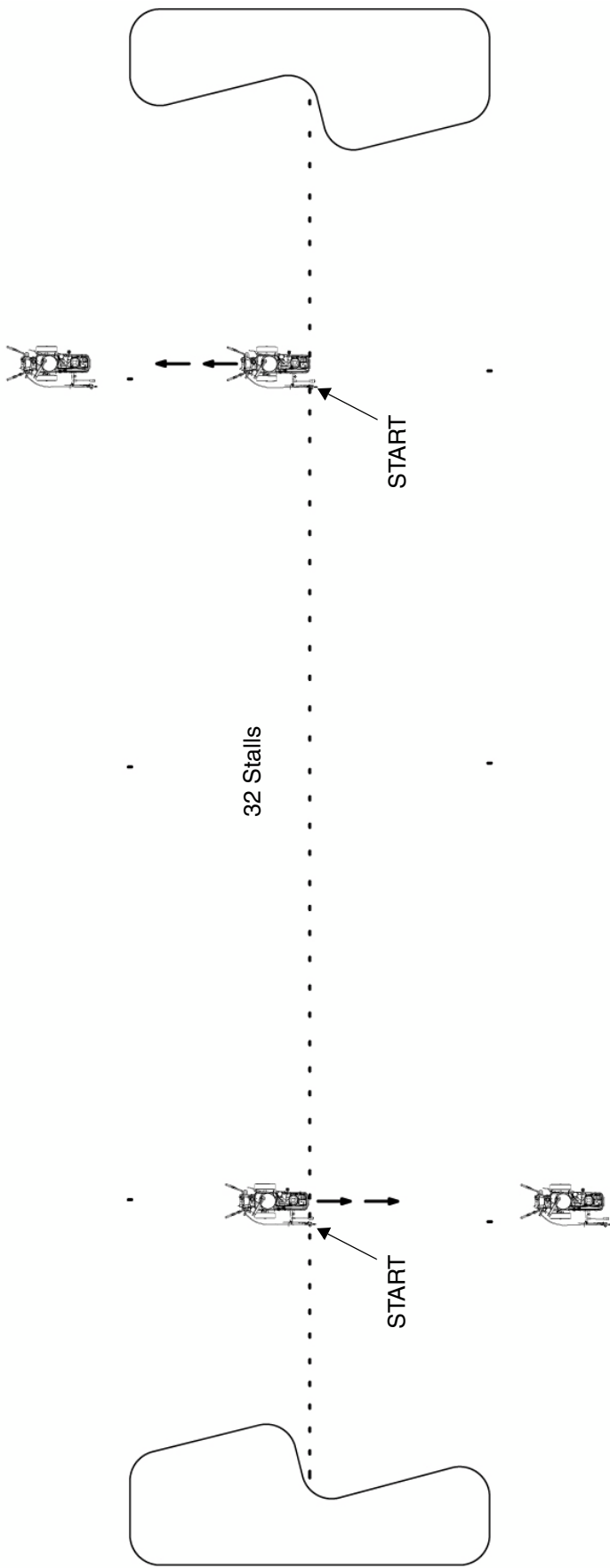
STRIPING MODE
Simply connect the dots with the striper.

ti10116b

Angle Stall Layout: Parking Mode

Establish the center line and outer boundary

NOTE: For Best results, always dot in the same direction.
NOTE: Minimum RPM for placing dots is 2600.

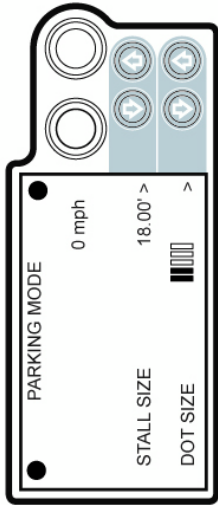


PARKING Mode

Press **REMOTE SWITCH** to **START** and **FINISH** dots.

Establish enough reference dots to guide striper for applying stall lines by using **PARKING MODE** measuring 18 ft out from centerline.

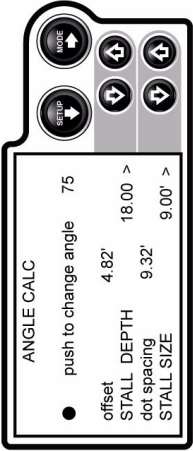
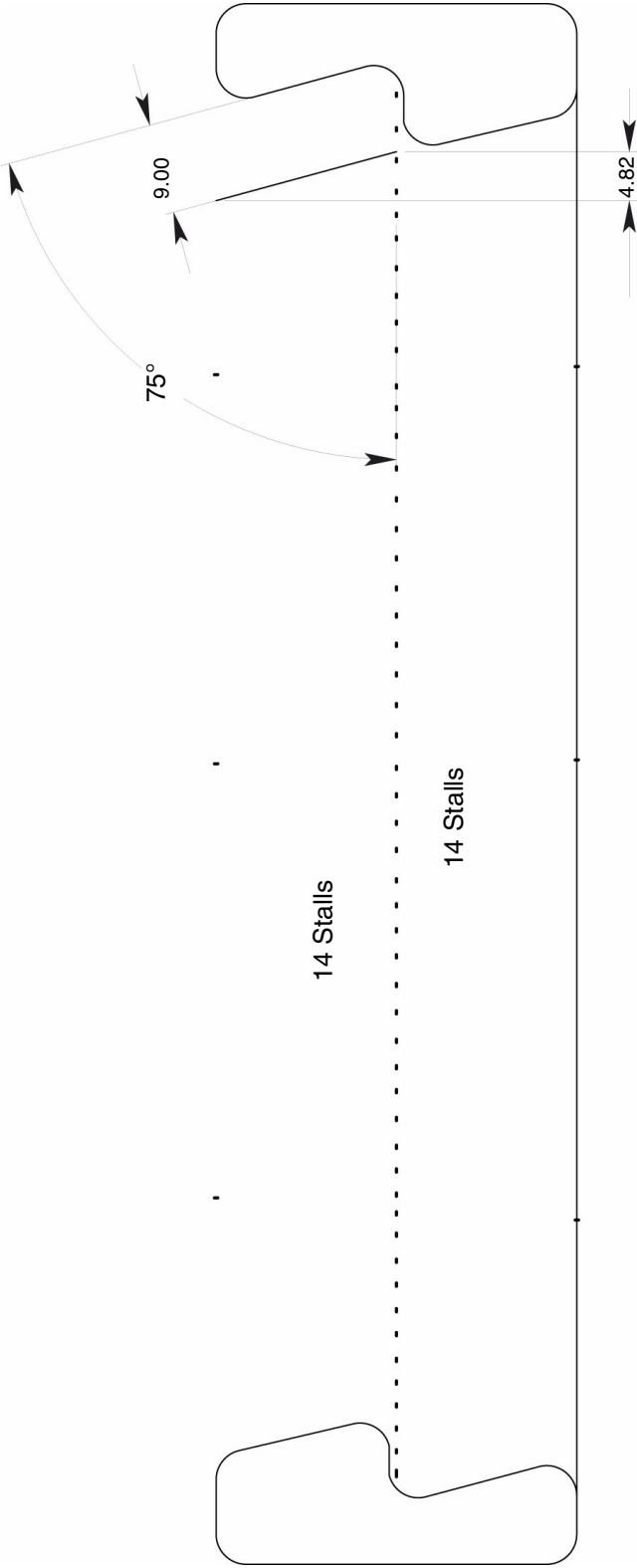
NOTE: The striper measures moving forward or reverse, as shown, placing evenly-spaced dots at desired spacing.



ti10117b

Angle Stall Layout: Angle Calculation

Measure outer boundary

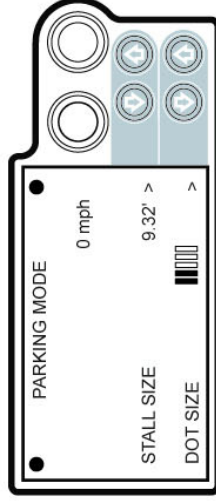
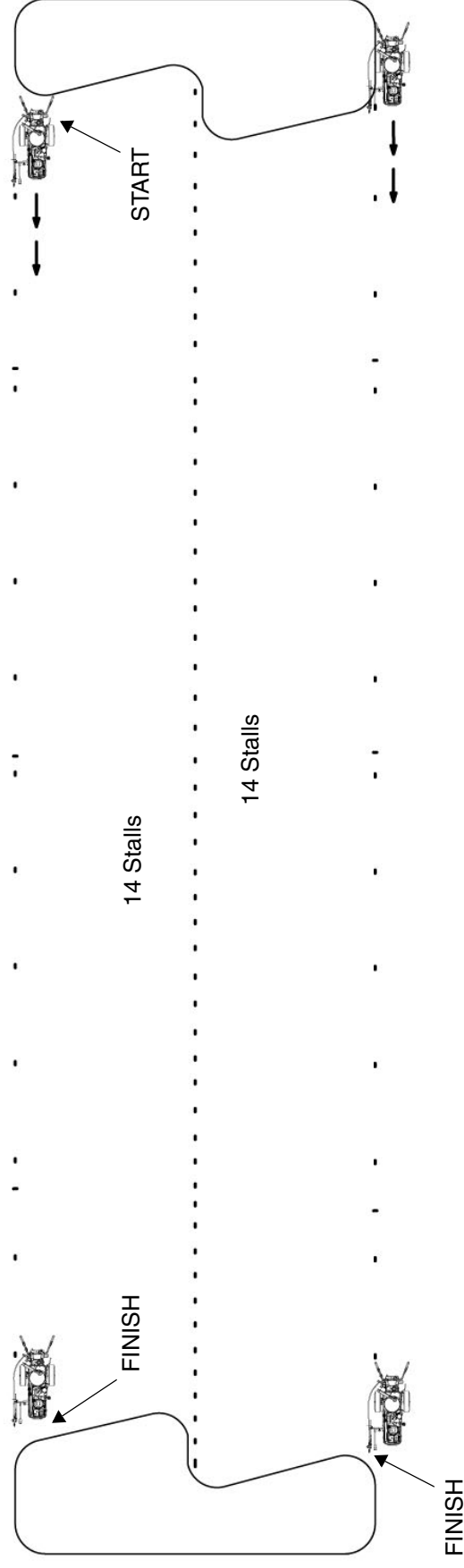


ti10118a

ANGLE CALC
Press **REMOTE SWITCH** to adjust desired angle. Use up/down arrows to set desired **STALL DEPTH** and **STALL SIZE**. System automatically calculates "offset" and "dot spacing".
NOTE: System automatically transfers calculated "dot spacing" from **ANGLE CALC** to **PARKING MODE** screen.

Angle Stall Layout: Parking Mode

Mark dots at end of each stall



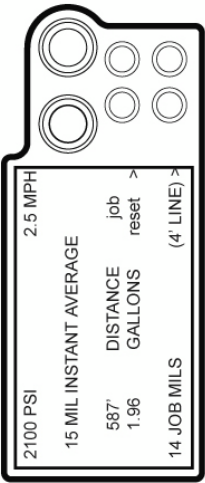
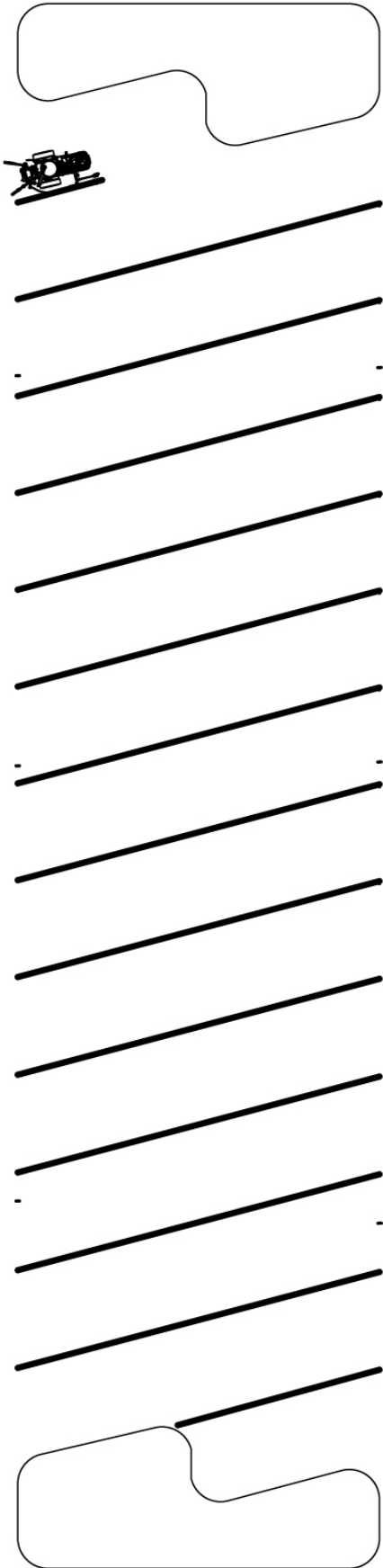
PARKING MODE

Press **REMOTE SWITCH** to START and FINISH dots.

If necessary, use **PARKING CALC** to determine how many 9.32 ft parking stalls will fit.

Angle Stall Layout: Striping Mode

Paint lines (connect the dots)



ti10120a

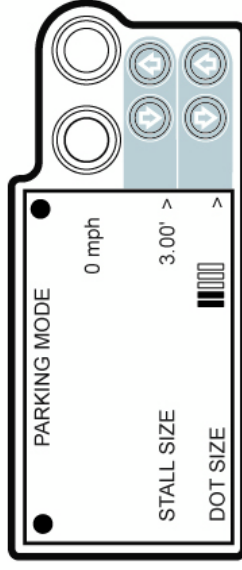
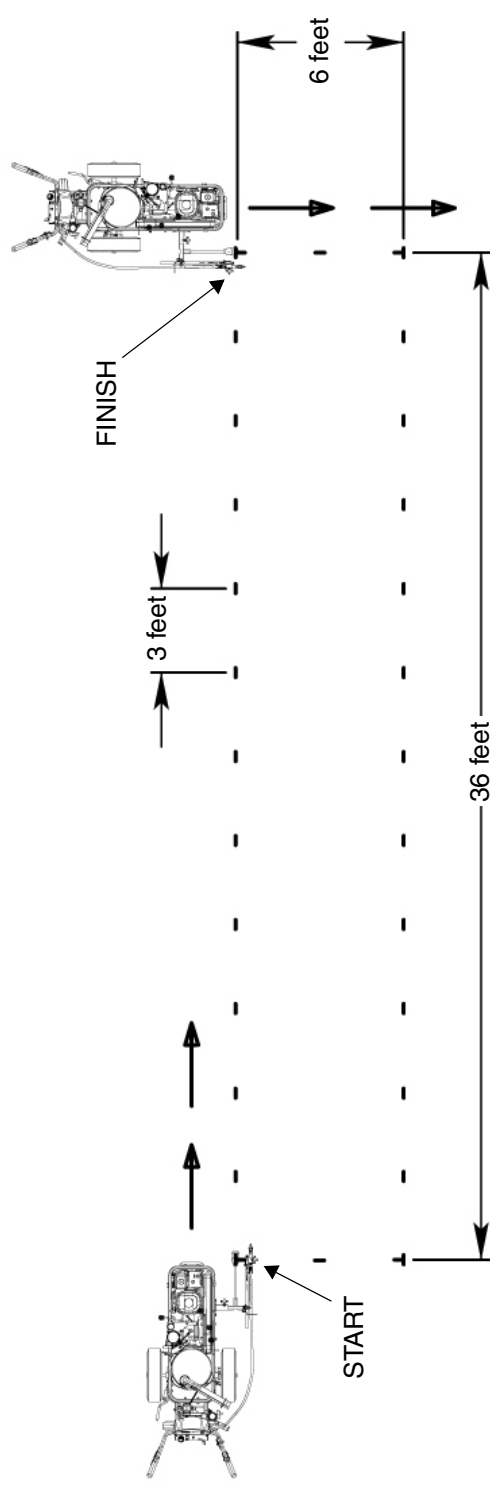
STRIPING MODE
Simply connect the dots with the striper.

Cross Hatch Layout: Parking Mode

Establish the boundary and apply dots at desired spacing

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

NOTE: Minimum RPM for placing dots is 2600.



tt10121a

PARKING MODE

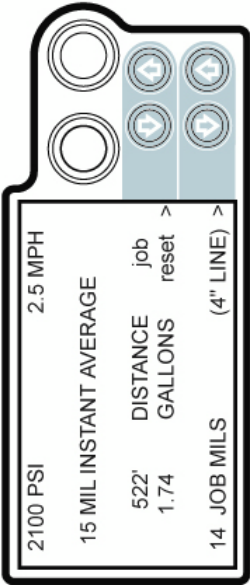
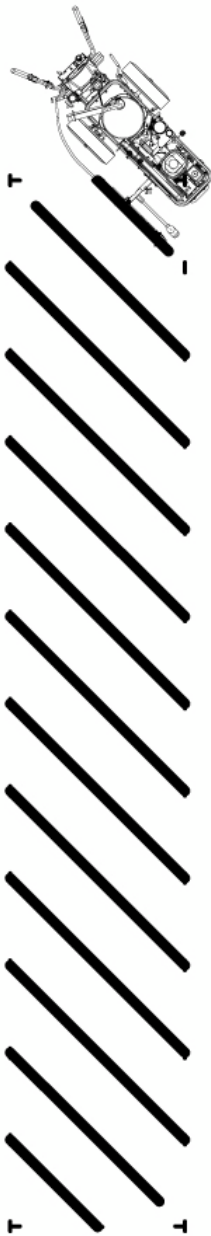
Press **REMOTE SWITCH** to **START** and **FINISH** dots.

Adjust **STALL SIZE** to achieve desired cross hatch spacing.

Place dots around perimeter of area.

Cross Hatch Layout: Striping Mode

Paint lines (connect the dots)



ti10122a

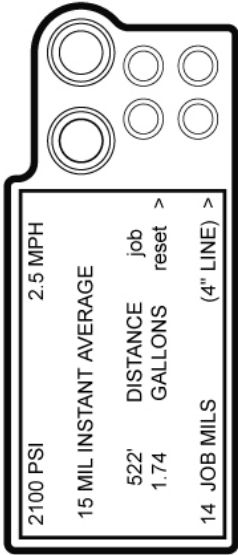
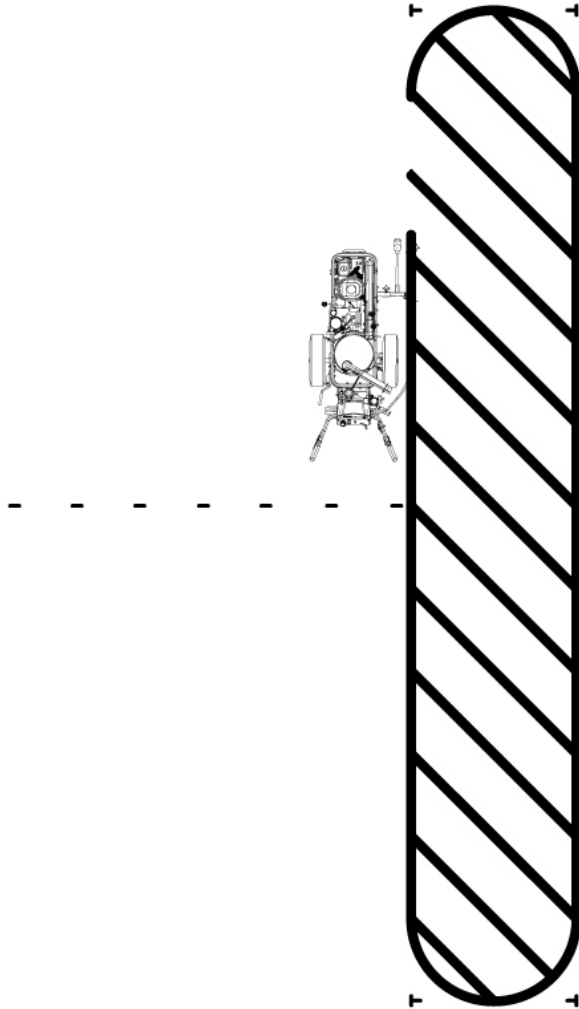
STRIPING MODE

Simply connect the dots with the striper.

Paint interior by connecting the dots. If ends are rounded as shown, make sure you establish this before painting.

Cross Hatch Layout: Striping Mode

Paint perimeter (connect the dots)



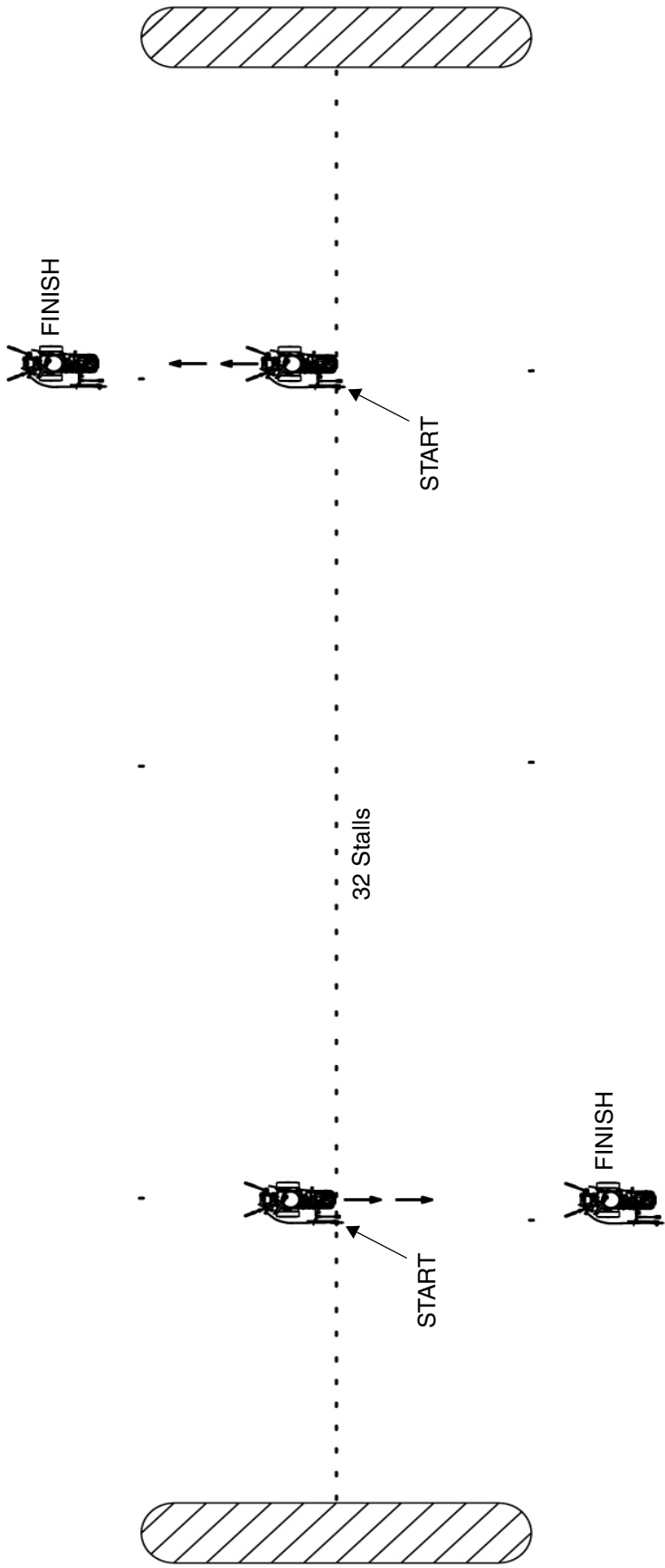
ti10123a

STRIPING MODE

Large or small, cross hatching jobs can be simplified by following these simple steps, eliminating the inconsistencies found on many job sites today.

Double Mode Layout: Parking Mode

Establish center line and outer boundary marks

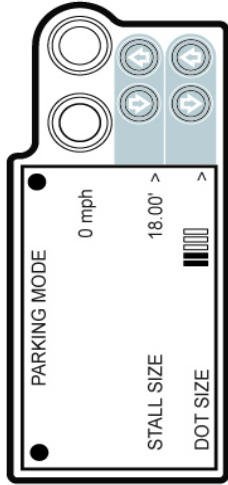


PARKING MODE

Press **REMOTE SWITCH** to **START** and **FINISH** dots.

Establish enough reference dots to guide striper for applying stall lines by using **PARKING MODE** measuring 18 ft out from centerline.

NOTE: The striper measures moving forward or reverse, as shown, placing evenly spaced dots at desired spacing.



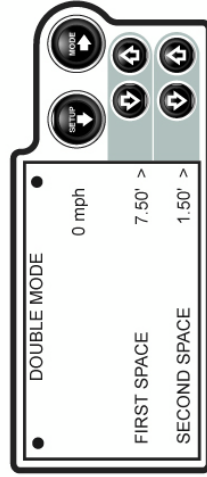
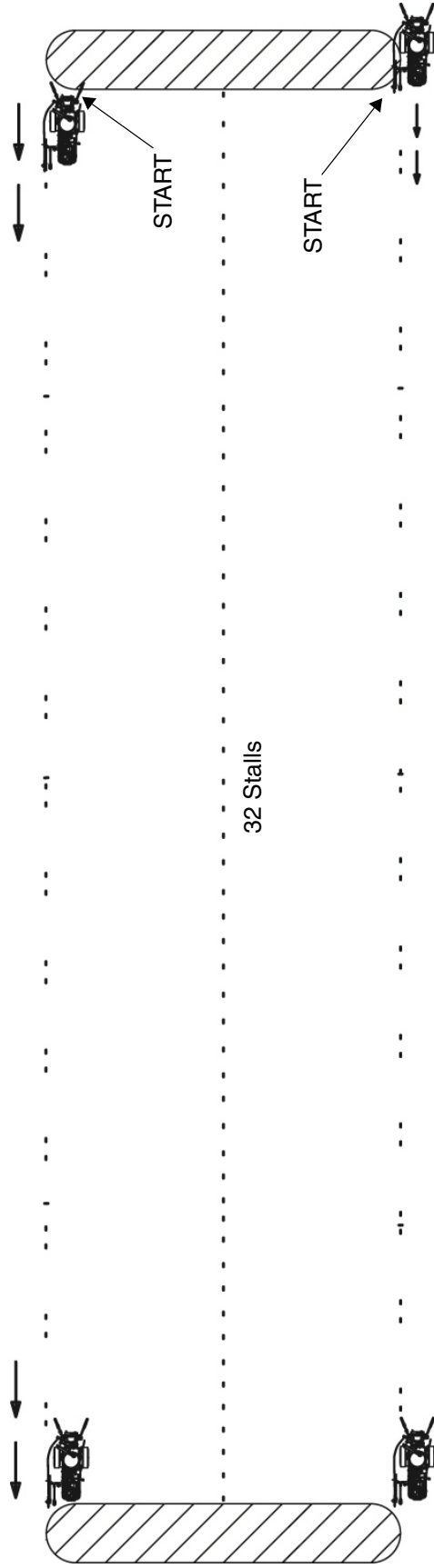
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Double Mode Layout: Double Mode

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.



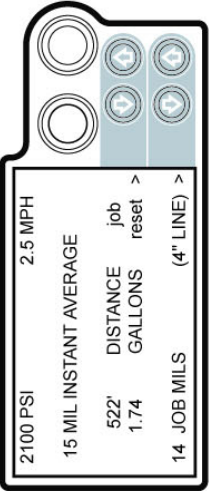
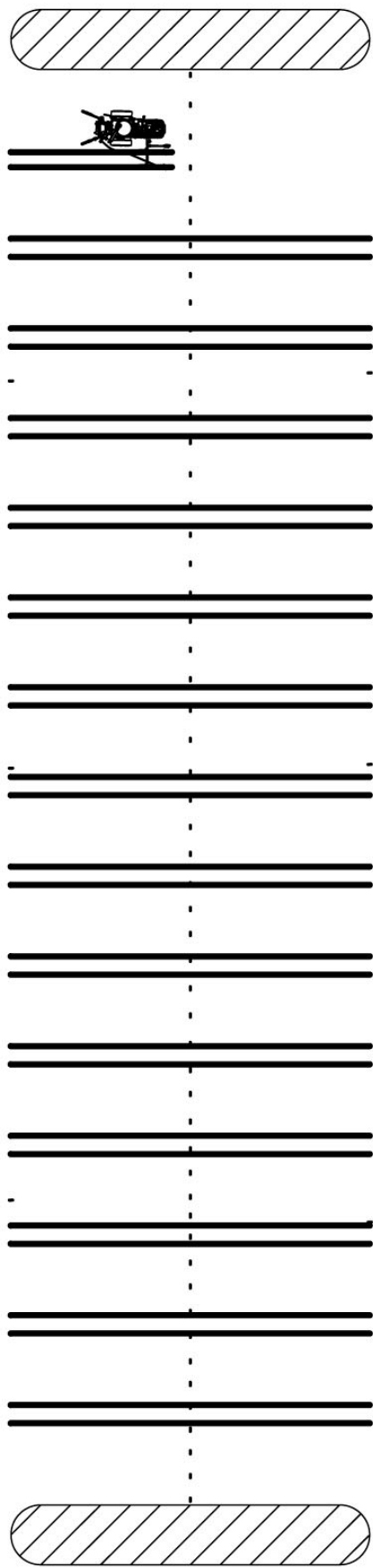
ti10125a

DOUBLE MODE
Press **REMOTE SWITCH** to **START** and **FINISH** dots.

NOTE: See Basic Stalls section (pages 4-8) to automatically measure and calculate stall size.

Double Mode Layout: Striping Mode

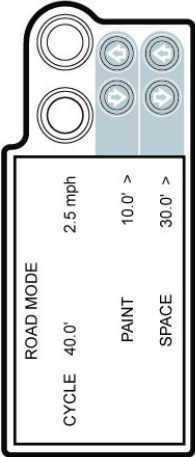
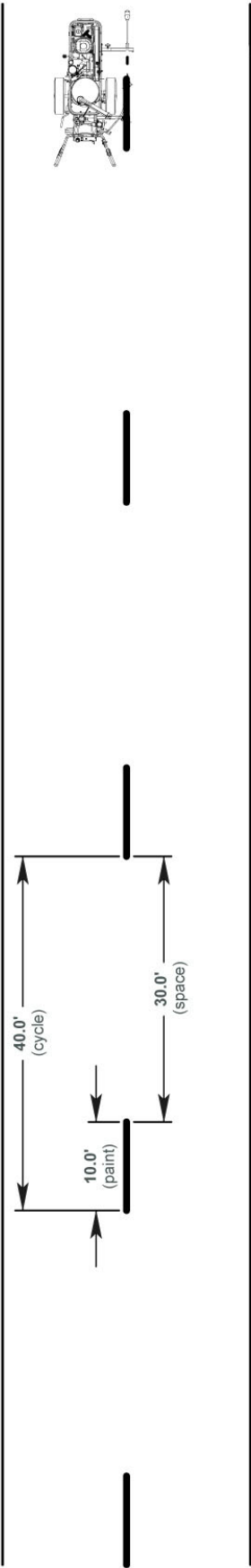
Paint lines (connect the dots)



STRIPING MODE
Simply connect the dots with the striper.

Line Layout: Road Mode

Skip line



ti10128a

ROAD MODE

Automatic skipline layout for roads, bike trails, and airports.

Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

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Graco does provide extended warranty and wear warranty for products described in the "Graco Contractor Equipment Warranty Program".

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