

Implement Measurements

AGRICULTURE

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TRIMBLE RESELLER CONFIDENTIAL

Taking Implement Measurements

This document describes how to take measurements for your implement. This information is used to complete an implement's profile.

Before you take measurements:

- Park the vehicle on level ground.
- Make sure the implement's center is lined up with the vehicle's center.

The measurement sections show only the measurements required for the type of implement you selected.

1. Tap the button for each measurement.
2. Use the on-screen number pad to edit the measurements for:
 - [Pull-Type and Mounted Implements](#)
 - [Self-Propelled Equipment](#)

Pull-Type and Mounted Implements

| Measurement | Instructions |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hitch Type | Select how the implement connects to the vehicle: <ul style="list-style-type: none">• Drawbar• Fixed-mount (mounted) |
| Hitch to Ground Contact Point <i>Drawbar only</i> | With Application Control: Measure the distance from the hitch to the point where the implement makes contact with the ground. This is the point that the implement rotates about. (For ISO implements this is referred to as the device reference point) Without Application Control: Distance from the hitch to where coverage is logged |
| Application Width | Measure the width of the area where the implement applies material (working width). |

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| Measurement | Instructions |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rows | Enter the number of rows covered by the toolbar. This setting is used to define Row spacing for the “shift by row” function. <i>(Note: There must be at least 1 row per section if using application control)</i> |
| Center offset start and end row (Center Offset planters only) | Defines the rows that make up the center offset |
| Swath Width | Defines the spacing of guidance patterns. The swath width is what the vehicle will guide to. The swath width will default to match the application width. It can be modified to generate a skip or overlap in application. |
| Overlap/Skip | Calculated based on the difference between the application width and swath width. <ul style="list-style-type: none"> • A positive value represents application overlap. • A negative value represents application skip. |
| Left/Right Offset | Measure from the center of the vehicle to the center of the implement. Select Left or Right to indicate the direction the implement is offset, when looking at the vehicle from behind. This measurement adjusts the tractor’s path so that the implement is centered on the line. |
| Physical Width and Length | Used for NextSwath to ensure boundary clearance. |

Self-Propelled Equipment

| Measurement | Instructions |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Width | Measure the width of the area where the implement applies material. (Working width) |
| Rows | Enter the number of rows managed by the toolbar. This setting is used to define Row spacing for the “shift by row” function. |
| Swath Width | Defines the spacing of guidance patterns. The swath width is what the vehicle will guide to. The swath width will default to match the application width. It can be modified to generate a skip or overlap in application. |
| Overlap/Skip | <p>Calculated based on the difference between the application width and swath width. Set the amount of overlap or skip between swaths:</p> <ul style="list-style-type: none"> • Set Overlap to intentionally overlay the edges of each swath by this amount. • Set Skip to intentionally add this amount of space between swaths. <p>A positive value represents application overlap. A negative value represents application skip.</p> |
| Left/Right Offset | <p>Measure from the center of the vehicle to the center of the implement. Select Left or Right to indicate the direction the implement is offset, when looking at the vehicle from behind.</p> <p>This measurement adjusts the tractor’s path so that the implement is centered on the line.</p> |
| Physical Width and Length | Used for NextSwath to ensure boundary clearance. |

For More Information

Contact your local Trimble Regional Sales Manager.