

Home Screen



INPUT THE NUMBER OF ROWS

Enter the number of rows you will be harvesting, including rows harvested by windrowers. For example:
Harvester (3 rows) + 2 Windrowers (12 rows)
= 15 rows

1. Go to the Home screen.
2. Under ROWS, tap **−** or **+** until you have the correct number of rows.

This setting needs to be set before harvest begins and updated anytime the row count changes.

TRACK TRUCK LOAD DATA

To track and record truck load data, operators will need to manually enter each truck ID. While the truck is loading:

1. Go to the Home screen and enter the **TRUCK ID** while the truck is loading.
2. After the truck is fully loaded, press and hold **NEW LOAD**.

This records the truck load data and resets the system for the next truck. Repeat for each truck.

ZERO THE BELT AS CONDITIONS CHANGE

For best results, zero the belt anytime outside temperature changes 10+ degrees or anytime mud has been building up or falling off the belt. The Casma system will also prompt you to zero the belt if it detects a large enough shift in conditions.

Diagnostics Screen



1. Park the harvester on a level surface (if possible), and empty the weighing belt.
2. Continue to run the belt at typical operating RPM.
3. On the Diagnostics screen, press and hold **ZERO BELT**.

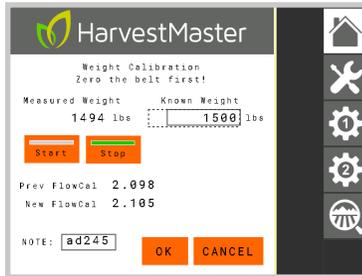
CALIBRATE THE CASMA SYSTEM

Casma calibrates by comparing its load cell readings (measured weight) to a known weight. The known weight is either a sandbag with an exact weight or a crop load that is later weighed using a truck scale.

To calibrate the Casma system:

1. Zero the belt (see opposite side).
2. Go to Home > Weight Calibration.
3. Tap Start.
4. Run weight across the belt.
 - If using a sandbag, run the sandbag over the weighing belt 10-15 times.
 - If using a truck scale, simply begin loading the truck. You can observe the measured weight accumulate, or you can tap OK to work in other Casma screens until the truck is loaded. The calibration will continue in the background.

Calibration Screen



5. Once you have finished running weight across the belt, return to the Weight Calibration screen and tap Stop.
6. If you are calibrating with a truck scale, tap OK. This will save the measured weight and allow you to work in other Casma screens until the truck is weighed.
7. On the Weight Calibration screen, enter the Known Weight:

- Multiply the sandbag weight by the number of passes on the belt (20 lb sandbag x 15 passes = 300 lb)
—or—
 - Subtract the empty truck weight from the loaded truck weight.
8. Casma displays the new calibration coefficient as New FlowCal.
 9. Verify the New FlowCal is acceptable.
 10. Tap OK.
 11. Casma saves the New FlowCal and calibration is complete.

For more information visit

www.harvestmaster.com/casma-documentation