



Saving and Loading Configurations on a CFX-750

Saving a configuration saves the current settings, if the settings are changed after saving they will need to be saved again either to a new configuration or overwrite a previously saved configuration, otherwise those changes will not be backed up.

1. Starting from the home screen press the Settings icon.
2. Once at the Settings screen press the System icon.
3. Next press the Advanced icon.
4. Under the Advanced menu choose the icon labeled Save/Load Configurations
5. **Saving a New Configuration-** If saving a configuration, press Save Current Configuration. If a USB is plugged in, there will be an option to save on the USB internal memory, if there is no USB there will only be an internal memory option. Choose the desired location and press the green checkmark icon to continue to naming the configuration. Type in the name of the configuration and press the green checkmark to save it.

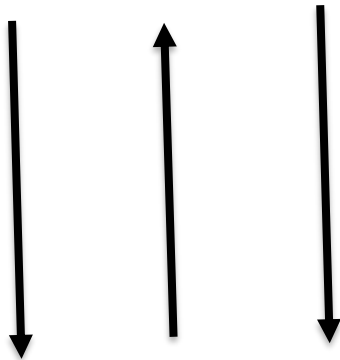
Overwriting a Configuration- If updating a previous configuration, select the configuration that needs to be overwritten instead of internal memory or USB. After the configuration that you wish to overwrite is selected press the green checkmark to save the configuration.

Loading a Configuration- To load a previously saved configuration press the Load a Configuration icon in the Save/Load Configurations screen. Select the configuration that will be used and press the green checkmark.

Implement Draft

(Implement draft=1/2 distance to the crowded or tight side)

- 1) **ALWAYS** have a tape measure with you!!!!!!
- 2) Engage vehicle one direction on an A-B line with implement not in the ground. Stop the vehicle and flag the hitch. Turn the vehicle around and engage on A-B line in the opposite direction until hitch comes over the flag. Either the vehicle will line up on top of previous mark (Excellent, proceed to next step) or it will be to the left or right of the previous mark. If it is left or right, measure the distance it is off, and redo a roll calibration for the steering system.
- 3) Once the vehicle successfully steers back perfectly on its own tracks, engage on A-B line again, this time with implement in the ground in a real life scenario. Try to perform this on flat level ground. If initially performing this, make sure that you implement draft, and or left right offset are set to 0". If you have already set up your implement for draft issues and are just rechecking it, leave as is. You will need to make 3 passes as picture shows.



Assuming 30" row spacing measure the guess rows. Keep it in terms of left and right side of implement. Ideally you should be 30" on left side and 30" on right side. That would be a situation where your implement does not draft at all on flat ground (hills are a different game). If your implement does draft, it should draft in one direction meaning one side of implement should be less than 30" and the other side should be greater than 30", and the difference should be the same value off from 30" (example: 25" on the left side, 35" on the right side).

- 4) If measurements are off like cited above, then adjust the implement draft setting in your display. Adjust it by: **Half of the distance to the crowded side**. So in the scenario above that left side is 25", and right side is 35", your implement draft would be half the distance to the crowded or tight side, so it would be 2.5" to the left.
- 5) To check this after changing, always start fresh and do three new passes. You can **NEVER** compare off of your old passes before you made changes to the implement setup.

Other things that affect implement draft: Hills, soil types, moisture, and tillage practices, hitches or mounts on tractors not being centered, implement width not being correct, or real implement width not being correct (40ft and actually realistically accidentally being 39' and 10"). Also remember, different implements draft differently.

Pre Season Planting Check List

- Check Power and GPS to any displays/ monitors/ receivers
- Check batteries and replace if needed
- Have operator's manuals in cab (paper or iPad)
- Make sure correct configurations are setup for your next application
- Seed hybrids and varieties, client, farm, field entered
- Connect planter, make sure all components are recognized
- Have all updates needed installed to all needed components (get with me if you need updates)
- Make sure any correction subscriptions are renewed, sooner is better especially with some of the programs going on currently
- Get seed meters tested on a MeterMax Ultra Test Stand EVERY YEAR
- Make sure have plenty graphite or talc on hand
- Make sure toolbar is level and row units have not shifted on you
- Check bushings and parallel linkage
- Check chain drive systems for maintenance (seed and fert)
- Run any available health checks
- Check double disc openers for good contact (V trench not W) (correct depth)
- Check depth wheels for cracks or wear
- Check seed tubes and seed firmers for wear
- Seed firmers correct tension (12 to 20 oz)
- Check closing wheels for wear of spikes, and correct alignment over seed trench
- Air leaks of any compressors, hoses, or fittings
- Proper tire pressure (tractor, planter, contact wheels)
- Measurements to seed drop for section control
- All hydraulic hoses for cracking or wear and make sure all fittings remained tight
- Check GPS offsets for tractor and for planter and planter draft

Measuring Wear on John Deere Planter Double Disk Openers

The JD disks are 15" in diameter when new. If disks are less than 14.5 inches in diameter, they should be replaced. There are shims in the hub where the disks run that can be removed or added to reach the appropriate distance. Once the shims are all pulled out, and the disks do not meet correctly...it is time for new disks for sure.

How to check for proper contact point of the disk openers:

1. Place a business card in the top side of where the disks meet. Slide the card down until it stops "in the pinch".
2. Take another business card and slide in from the bottom side up until the card is "in the pinch".
3. Measure the distance between the 2 business cards. This distance should be 1.75 to 2.0 inches for proper performance. See attached picture.

Proper closer wheel separation distance:

The distance between the inside of the closer wheels (at narrowest point) should have no more than a 0.75" to 1.0" gap for proper soil closing performance.

Excessive disk wear causes:

- Incorrect planting depth
- Ridge of soil in bottom of furrow that effects placement of seed and possibly germination and emergence.

