

Leveling

Initial Leveling

For initial leveling the turnbuckles should be set to the following dimensions.

Main Frame - 36 1/2" (93 cm) pin center to center.

Wing Frames - 19 1/8" (49 cm) pin center to center.

All other adjustments must be performed in the field as outlined under "Final Leveling".

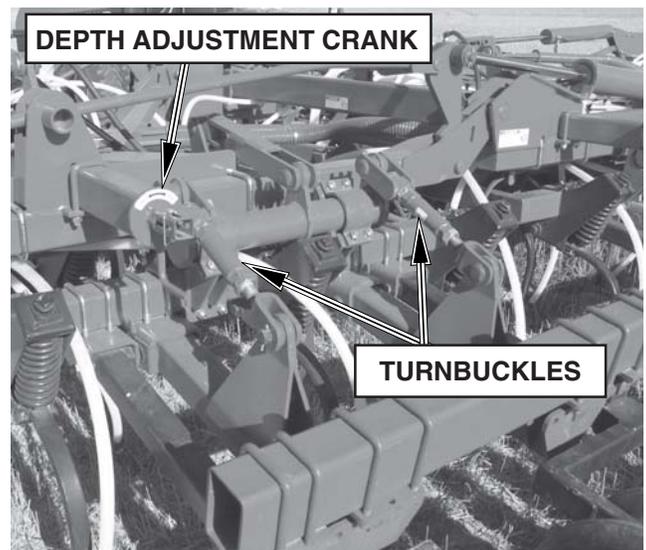
Important

Keep tire air pressure at the listed specifications to achieve and maintain proper level.

Final Leveling

In order for any Air Drill to perform as intended, it must be properly leveled. To properly level an Air Drill, the **final leveling must be done in the field with ground conditions being firm and unworked.**

If the Air Drill is leveled in preworked, soft conditions, the front may dip when working in harder conditions. This causes the back row of shanks to work shallower than the front and can result in rough, uneven field finish and uneven seed depth, which may result in strips appearing in the crop.



Note: Each operator is responsible for levelling their Air Drill. As field conditions vary, fine tuning is left to the operator's discretion.

Operation

Leveling - Continued

Final Leveling - Continued

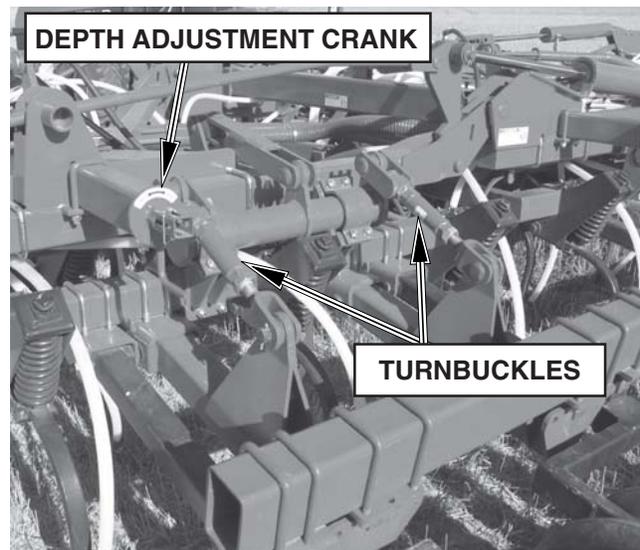
Final leveling requires the following basic steps to be followed:

- 1) Adjust all the depth adjustment cranks out to the end of the depth adjustment rods.
- 2) **Rephase** hydraulic depth system.
- 3) While moving forward with the tractor, lower the unit with the depth control circuit until the points are just skimming the surface. Stop with the machine at this position. Turn all the cranks all the way in to the stop tubes. This is a "0" or ground level position to start setting the depth from.
- 4) Turn all the cranks out 3 turns, this will set the depth at approximately 1 ½".
- 5) **Rephase** hydraulic depth system. While moving ahead lower the machine until it stops on the crank stops. Stop with the machine in the ground. At this point don't worry if the frames do not seem to be running at the same depth.
- 6) Check level of each frame individually starting with the main frame. To check the level use openers at the four corners of each frame section. Adjust the turnbuckles accordingly until all four points on each frame are all cutting at the same depth.
- 7) Repeat steps 5 and 6 until frames are level side-to-side and front-to-back.
- 8) Compare the depth of the wing frames to the main frame. Using the depth adjustment cranks on the wings raise or lower the wing frame sections until their depth matches the main frame. They should be within two turns of the main frame.
- 9) With the seed turned on set the final desired seed depth by adjusting all the cranks the same number of turns to raise or lower the machine as required.

Important

Final Levelling is
"VERY IMPORTANT"

It is suggested that the operator read carefully and carry out the procedures exactly as described.



Note: Any change in the depth setting can now be done by adjusting all the depth adjustment cranks evenly across the whole unit. (See Depth Adjustment)