

DSX OPENER (2ND GENERATION)

OVERVIEW

The depth setting from the rear closing wheel to the side wheel on the opener has been moved. The reasons for this change are as follows:

- On the 1st generation opener, the depth was set by the rear press wheel, which was situated 25cm behind the seed outlet. The new 2nd generation opener has the depth setting point directly in line with the seed outlet. With this change, we have further improved depth consistency when shallow seeding, particularly in rough field conditions and increased forward speeds.
- By altering the depth control system, the 2nd generation opener can be fitted with an optional load sensing pin that is neatly incorporated into the depth handles. These sensors detect load on the side wheels, and automatically adjust individual row pressures according to varying ground conditions.

The 2nd generation opener has been optimised for narrower spacings. Geometric adjustments have resulted in boosted performance at higher speeds. Other benefits include:

- More row width options - from 25 cm down to 14 cm (was 16.7 cm), further reducing the soil disturbance in lighter soils or following a minimum tillage implement.
- Higher work rate, by increased forward speed while maintaining seedling establishment.
- Agronomic benefit for seed growth at deeper depths.
- Reduced disc wear.



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PNEUMATIC CLOSING SYSTEM

- In moving to side gauge depth control we have now added a pneumatic airbag to the rear closing arm. This offers the operator the ability to set the closing pressure separately to the opener downforce. The pressure adjustment is controlled from the tractor cabin.
- The pneumatic system gives a minimum of 6kg and a maximum of 90kg of closing force. Resulting in a flexible solution for farmers facing tough no-till / min-till or loose soil conditions.
- The operator's manual will give a clear indication of the maximum closing pressure to run, relative to hydraulic downforce on the openers.
- A new closing wheel will be added in May 2021 to complement the current offering.

FEATURES

- (a) Pneumatic closing system
- (b) Side gauge depth setting
- (c) In-cab pressure adjustment control

