

HORIZON

AGRICULTURE

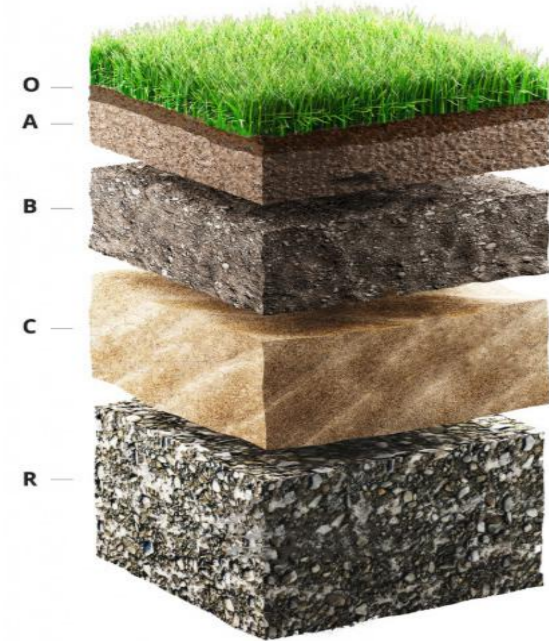


DSX Seed Drill

Designed and
Manufactured
in the UK



Horizon Agriculture is a new brand of agricultural machines dedicated to preserving and regenerating soils whilst improving productivity, yield and profitability of the farmers who use them.



WHY ARE WE CALLED HORIZON AGRICULTURE?

The Soil Horizons describe the different layers of our soil. Without soil we would have no food and so it is vital we preserve, maintain and replenish soil. Our entire business focus and all our products are designed with this in mind, hence our name, Horizon Agriculture.

O (Organic)

This is a layer of organic matter that is about 2 inches thick and is made up of dead plant material such as leaves and twigs.

A (Surface)

This upper soil horizon is also called Topsoil. It is only between 5 to 10 inches thick and consists of organic matter and minerals. This is the soil layer where plants and organisms primarily live.

B (Subsoil)

This layer is also called Subsoil. It is mostly made of clay, iron minerals as well as organic matter, which has been washed down to this horizon by rainwater.

C (Substratum)

The C horizon is the parent material from which the upper soil layers developed. It consists primarily of large rocks.

R (Bedrock)

This is the bedrock and is located several feet under the surface. The bedrock is made up of a solid mass of rock.

We are extremely passionate about what we do and what we create. All our products are designed and manufactured in the United Kingdom. Horizon is a part family, part employee owned company, we all share similar values and all have a keen interest in the future of worldwide agriculture and food supply. We are also farmers and have a unique position to be able to develop our products on our own farm located 8km from our manufacturing facility.

Our manufacturing facility was built in 2019 and features some state of the art technology. We are proud to be producing premium line machines with long term life and durability at the core focus.

Our designs are always focused on a low cost of operation for the final user, short term profit is not in our philosophy.



Minimum Tillage, No/Zero Tillage or seeding into tall cover/catch crops, our Horizon DSX has you covered.

A versatile, durable, upgradeable platform.



When investing in a seed drill it is best to plan for the long term. We realise it is a large capital spend, that is why we designed our drill to be not only durable but upgradeable.

You can start simple and add to it over time, evolving the machine and your farm together at a time that suits you and overcoming agronomic challenges.

Whether it be increasing the width of your machine, adding liquid fertiliser/liquid biologicals, row cleaners, automatic downforce and so on. Learn more about our upgrades on page 7.



This simple, durable, single disc undercut disc opener is the culmination of over 35 years combined experience in no till.

D Cup Diffuser (zero air after the diffuser, removing all risk of seed bounce and blowout from the furrow).

Undercut angle, giving natural downforce and reduced furrow compaction.



Seed boot with removable lower wear section for a lower cost of operation.

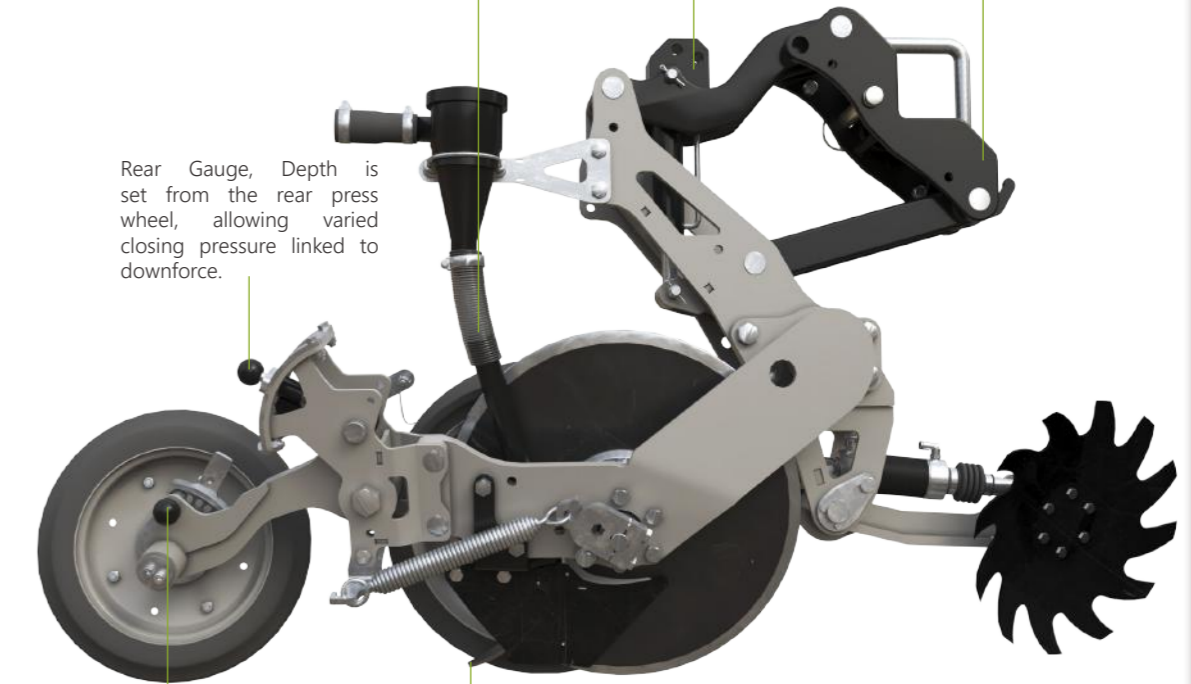
Hydraulic Downforce: Individual row hydraulic downforce.

Parallel Linkage: Cast Steel parallel linkage with grease free bushings, 320mm of vertical travel allowing even seed depth across undulating fields.

Rear Gauge, Depth is set from the rear press wheel, allowing varied closing pressure linked to downforce.

Angle Adjustment of closing wheel to give required closing in different soil types and tillage methods.

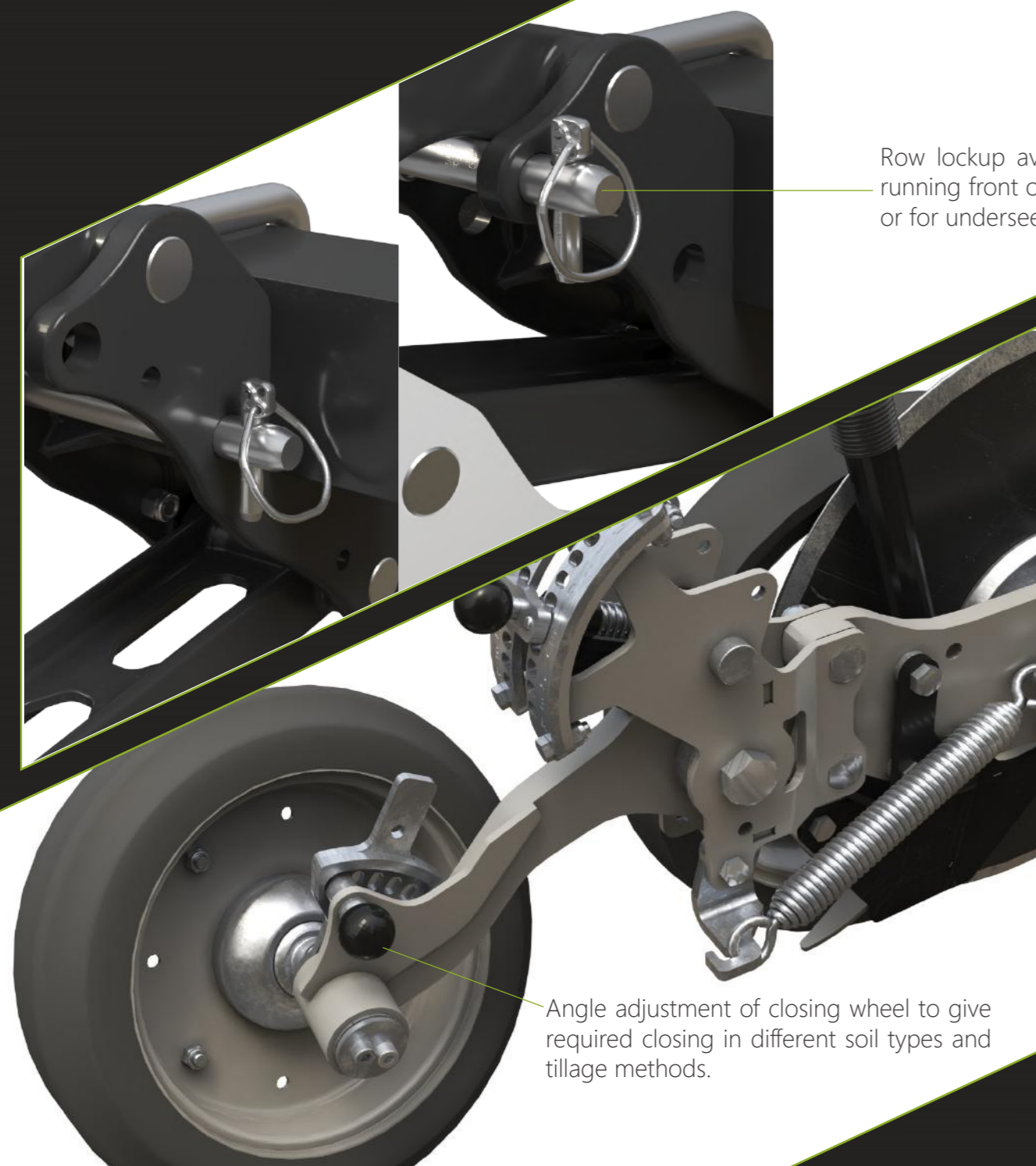
Seed tab ready



Scan for DSX Opener video.

We can penetrate the soil where others can't and have consistent depth for even emergence!

Extremely durable, maintenance free bearings and bushings.

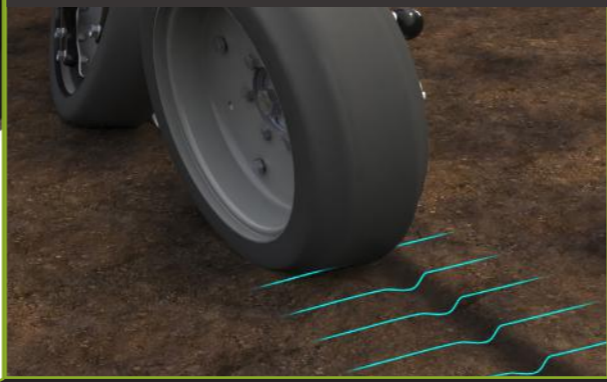


Row lockup available if only running front or rear coulters or for underseeding.

"V" Closing Wheel (For use in heavy soils, no-till or shallow tillage on heavy soils)



"W" Closing Wheel (For min till/no till on light to medium soils, closes in most conditions)



Angle adjustment of closing wheel to give required closing in different soil types and tillage methods.

Row cleaners remove the risk of hair pinning - important in no till disc seeding.

- Pneumatically actuated with Precision Planting Cleansweep controls
- Robust maintenance free bushings for very precise glide motion
- Specifically designed angles to cope with different row spacings
- Concave row cleaner wheel for dealing with all types of trash from heavy corn stalks to chopped wheat straw



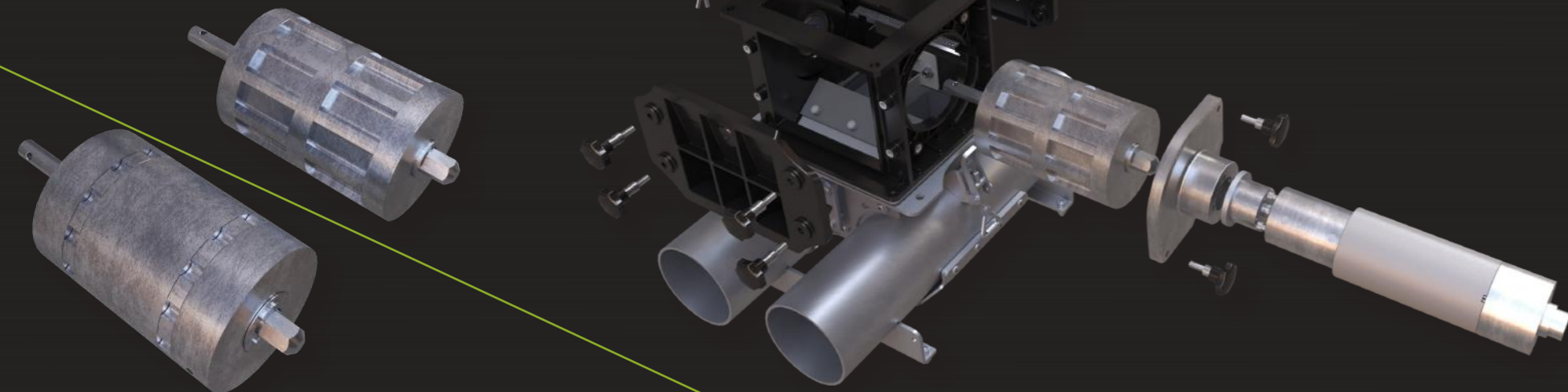
Seed tabs for seed firming in furrow

Internal Disc Scraper (For use in sticky clay soils)

Our in house developed Horizon Metering offers unparalleled accuracy, performance and reliability.

The meter is the heart of every seed drill and we believe we have the best!

- Electrically driven for very precise adjustment and speed control
- A wide array of metering rollers for grains, fertilisers, cover crops
- Very simple to change metering rollers for different crop or fertiliser types
- Plastic and Stainless steel construction, eliminating corrosion
- Tank Slides (shut off the seed when changing metering rollers)



2 Tanks or 3 tanks available

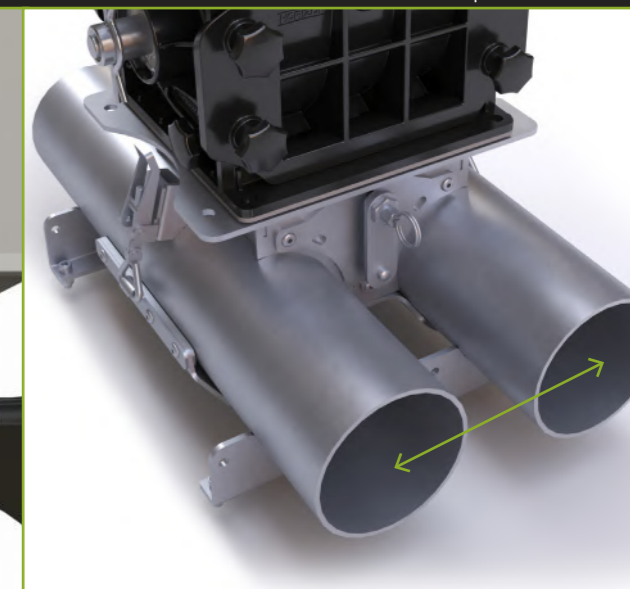
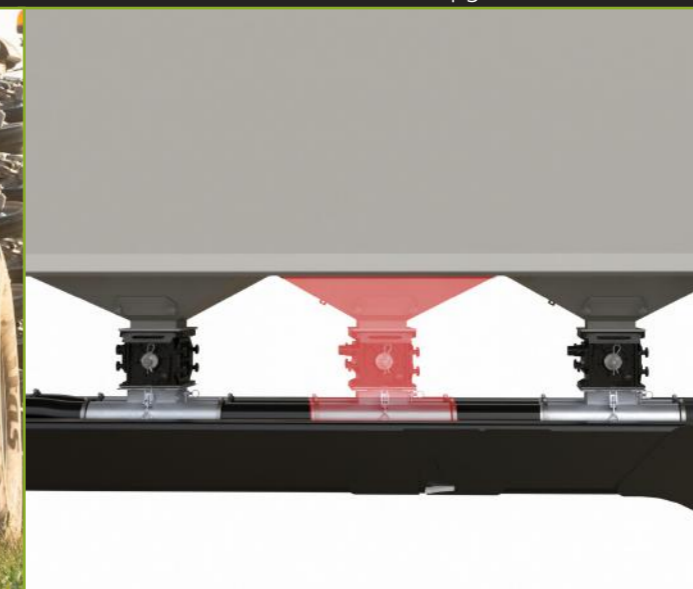
Capacities:
 2 Tanks: 2650L/1750L
 3 Tanks: 2250L/400L/1750L



710 (standard) or 850 tyres (optional)

Third Seed Tank and Meter available from new or as a retro fit upgrade kit

Commodity switching via tank valve to front, rear or all openers



We are one of the only manufacturers to offer factory fit liquid fertiliser options. We offer a 1500 Litre rear mounted liquid tank, which can also be used on the front of the tractor instead.

By buying the liquid system with your seed drill it offers a high quality reliable integrated solution to future proof your investment.



Specifications:
 1500L Tank
 30L/Min Diaphragm Electric Pump
 Bluetooth Android based control system
 Flow indicators for every row outlet visible from the tractor cab
 In Furrow stainless tubes to connect to the seed boot
 A range of orifices and filters depending on product type



Front 2 point hitch as standard



4 different opener spacings, 16.7cm, 18.75cm, 20 or 25cm

Standard ✓ Option O	4m				6m				6.4m				7.2m		7.5m		8m				9m				
Rows	16	24	20	22	24	30	32	36	24	30	32	36	24	30	24	30	32	40	42	48	36	46	48	54	
Spacing (cm)	25	16.7	20	18.75	25	20	18.75	16.7	25	20	18.75	16.7	25	20	25	20	25	20	18.75	16.7	25	20	18.75	16.7	
Hopper Capacity (l) (60:40 Hopper)	2760:1840 ----->																								
Hopper Capacity (l) (60:10:30 Hopper)	2760:460:13 ----->																								
Fan	Hydraulic ----->																								
Hitch Type	CAT III ----->																								
Transport Width (Folded) (m)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Transport Height (Folded) (m)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	3.9	3.9	3.9	4.7	4.7	5.0	5.0									
Transport Length (Folded) (m)	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5									
RDS ISOCAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Variable seed rate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
GPS variable seed rate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Hydraulic Brakes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Front/Rear Hopper separation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
710/50 Wheels	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
"V" Press Wheel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Internal Disc Scraper	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Variable Rate Unlock	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Tramline valves 2 or 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Hopper / Reversing Cameras	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Blockage sensors	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Front Trash Wheels with Cleansweep Control	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Rear Trash Wheels with Cleansweep Control	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Liquid Fertiliser kit (1500L Tank and 30 l/min) electric pump and controller	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
850 Wheels and tyre upgrade	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Air Brakes	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
Seed Firmers	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
ISOBUS Cable (Power From ISOBUS Socket)	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									
"W" Press Wheel	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									

Coming Soon Coming Soon

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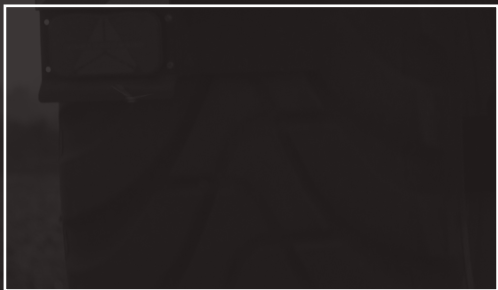
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