

# CULTIVATE, CONSOLIDATE AND SEED WITH **MINIMAL DISTURBANCE**

SEEDING SYSTEMS

SAXON 300 / SAXON 400

DRILLS



Introducing the **new** 3-metre and 4-metre Saxon drills

  
**Great Plains**  
Harvest Starts Here

# TECHNOLOGY, FLEXIBILITY AND PERFORMANCE YOU CAN DEPEND ON

The new 3-metre and 4-metre Saxon drills have arrived. The Saxon 300 and Saxon 400 models line up alongside the new Centurion CDA 300 and CDA 400 drills and the upgraded 6-metre Centurion CDA 600 to expand the grain-only drill family from Great Plains.

The new Saxon drills from Great Plains combine outstanding flexibility with innovative features alongside proven technologies. From the inventive design of the 'minimal disturbance' Turbo Coulters and the consolidating, full-width tyre packer to the unerring accuracy and consistency provided by the drills' seed distribution and placement system, the Saxon is built to deliver the results and reliability you demand.

Highly effective in reduced tillage establishment systems and across a wide range of soil types and conditions, the supremely versatile Saxon drills can operate very efficiently in no till conditions where the soil structure allows.

## Key Features

### OPERATOR FRIENDLY SEED CALIBRATION

With seed calibration mode selected from the cab, the operator simply walks to the rear of the drill where a dedicated pipe delivers the metered amount.



### SEED DISTRIBUTION SYSTEM

Precise injection-moulded seed distribution heads with tramline shut-offs and optional seed blockage monitors accurately deliver seed to each coulters.

### SEED METERING

Easy-to-access meter housing and seed drum selection featuring new modular design.



### HOPPER

New-style hopper with 3,000 litre capacity.

### MARKER ARMS

Marker arms with shearbolt protection and cushioned disc.

### HYDRAULICALLY ADJUSTABLE OPENER DOWN PRESSURE

Coulter down pressure can be easily adjusted between 40kg and 160kg to suit the user's needs and soil conditions. This system ensures that the coulters remain parallel to the ground at all times.

## MINIMUM DISTURBANCE – MAXIMUM PERFORMANCE

The new Saxon drills are an excellent choice where the need is for minimal disturbance and/or cutting through and drilling into high volumes of residue. Equipped with the proven Great Plains Turbo Coulters they are ideal for use in cover crop rotations where the crop has been sprayed off and minimal soil disturbance is necessary to help prevent the emergence of yet-to-germinate grass weed seeds.

Each Turbo Coulters is in line with the trailing double disc 00 Series opener, creating a mini-seedbed in a 30-50mm strip of soil where the seeds will actually be planted and providing every row with equal conditions.



Choose the Turbo Coulters for minimal disturbance



The Turbo Coulters facilitates drilling into high volumes of residue

### 00 SERIES DRILL OPENER

Highly accurate and well proven, the 00 Series opener offers a choice of 167mm or 125mm coulters spacings. The 3-metre drill sows 18 rows (at 167mm spacing) and 24 rows (at 125mm spacing), whilst the 4-metre version sows 24 and 32 rows respectively. Each coulters incorporates a seed flap to eliminate seed bounce and a rubber cushion which acts as a depth-stop.

### PRESS WHEEL OPTIONS

The optional Double V Press Wheel closes the seed trench with an aggressive 'pinching' action and provides excellent depth control.



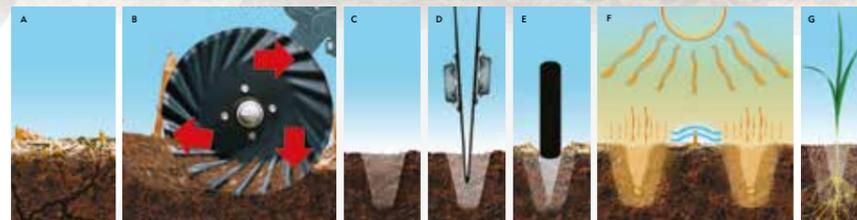
### CONSOLIDATION

Intermediate full width packer comprising 420/55 17 tyres placed ahead of the drilling coulters features shallow cleated tread pattern for consistent consolidation and excellent self-cleaning.

### INNOVATIVE TURBO COULTER DESIGN

The Great Plains Turbo Coulters offers excellent slicing with minimum hairpinning at all speeds, ranging from 4.5 to 9 mph. The angle wave profile creates a finely tilled strip directly in front of the opener. Flutes enter the soil perpendicular to the ground for maximum cutting performance while requiring less down pressure. The same flutes exit the soil parallel to the ground for a controlled soil release.

## SEEDING SYSTEM = ZONE CULTIVATION



A: Pre-cultivated land.

B: The Saxon drill cultivates the soil with the front coulters.

C: The ground is worked vertically with straight blades and only in a 3-5cm strip of soil. Straw is cut and moved to the side.

D: The double disc openers run in this prepared strip and place the seeds at the bottom of the furrow.

E: The closing wheel follows. It is narrow enough to run on the soil and not on the straw ensuring the correct point of depth measurement.

F: The black strip warms similarly to a ploughed field, allowing the seeds to germinate and emerge.

G: Creates the ideal conditions for healthy growth and high yields.

# Wide range of options

- 4,000 litre capacity hopper available on Saxon 400.



- 00 Series Coulters available with new optional press wheel scrapers and following harrow.

- Tramline and seed blockage monitors.

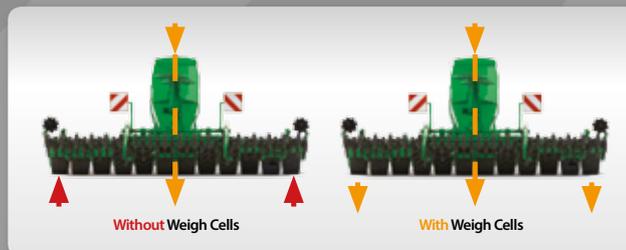
- New hydraulic sprung track eradicators.



- Hydraulic bout markers.
- Hydraulic full width levelling board.
- Pre-emergence markers.
- Brake options.

## Automatic Control of Weight Distribution Across Full Width

Under the hopper three highly accurate weigh cells (optional), automatically adjust the hydraulic down pressure on the wings to maintain consistent working depth across the full width of the machine. As the drill empties, the pressure is reduced. Dampers stop the reading fluctuating when the drill is at work.



## ADVANCED ISOBUS SYSTEM - VARIABLE RATE READY

Data capture and display options include the Müller Elektronik Comfort 10-inch Terminal. The ISOBUS-ready Saxon can also be supplied with the Müller Elektronik Basic control box. Touch-screen monitors are also available.



Picture for illustration purposes only

## SPECIFICATIONS

MODEL INFO	MODEL	
	SAXON 400	SAXON 300
ROW SPACINGS	125 or 167mm	125 or 167mm
NO. OF ROWS	32 or 24	24 or 18
WEIGHT (approx.)	6500kg	4700kg
POWER REQ (HP)	150 - 260	120 - 260
<b>DIMENSIONS</b>		
TURBO COULTER DISC DIAMETERS (x 2 rows)	432mm	432mm
WORKING WIDTH	4.0m	3.0m
WIDTH (transport)	3.0m	3.0m
<b>CAPACITIES</b>		
HOPPER CAPACITY	3000 L	3000 L

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[www.greatplainsmfg.co.uk](http://www.greatplainsmfg.co.uk)

For more details about the new Saxon 300 and Saxon 400 drills, contact us today.

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