



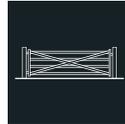
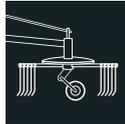
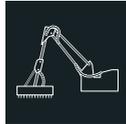
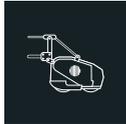
MADE IN  GREAT BRITAIN

Product catalogue



## SABRE DRILL

*Precision meets simplicity*





## INTRODUCTION TO THE SABRE DRILL

The Sabre Drill has been designed to make low disturbance crop establishment simple and intuitive. Its key features offer precise seed placement while avoiding trash blockages and unnecessary downtime. It is the ideal progressive tool for users looking to transition from conventional or minimum tillage systems into direct drilling systems, which is why it has become one of the UK's best selling drills since its relaunch in 2020.

All Sabre Drills are equipped with hydraulic depth control, side-to-side wing pivot for precise contouring and extended calming area for handling large quantities of trash. Depth wheels are situated in the middle of the drill to allow front to back contour following and even weight distribution. The Sabre Drill is also fitted with electric driven metering units which are quick and easy to calibrate.

There are two models; the mounted Sabre Drill and the Front Tank Sabre Toolbar (FT Sabre). The main difference between the two models is hopper capacity and weight distribution.

## KEY FEATURES OF THE SABRE DRILL

### SIMPLE CALIBRATION

Calibration is simple and quick using a single point discharge chute and screw adjustable metering mechanism. The corrosion-proof metering unit is maintenance free and will maintain its accuracy season after season. Complete discharge of the hopper is made quick and easy with the emptying hatch. The two-piece toolbar fold makes accessing the metering unit for calibration virtually unhindered.

### RAPID SOWING DEPTH CONTROL

Field conditions, seed types and varieties can change and the Weaving Sabre drill working depth can be altered quickly to match using the variously sized aluminium spacers. The ability to raise and lower the depth wheels hydraulically removes the need for strenuous manual adjustment, giving you more precise control over the drilling depth.

### PRECISION CONTOUR FOLLOWING

A unique side-to-side wing pivot, up to 6 degrees, allows the drill to closely follow undulations and slopes to maintain consistent seed depth across the width of the machine.

### HYDRAULIC FAN

The Sabre Drill is fitted with a hydraulic fan, which reduces the RPM on the tractor and as a result reduces fuel costs, gives more flexibility with air flow, and helps prevent wear and tear.

### HARDWEARING SABRE COULTER

12mm wide Boron steel rigid tine delivers accurate seed placement. Each tine is mounted on rubber torsion bars, with an adjustable stainless steel seed tube suitable for all seed sizes. The 130mm Tungsten Carbide tip ensures longevity of the coulters.

### BLOCKAGE ELIMINATION

The rubber exhaust boot at the top of coulters diffuses 50% of the air allowing controlled seed delivery to the soil and prevents seed bounce.

### ROW SPACING

The number of coulters can be varied so that the row spacing can be set at either 166mm, 200mm or 250mm, according to the operator's desired farming strategy.

### HIGH TRASH CLEARANCE

The Sabre Tine coulters are staggered over 4 rows with a calming area between the 3rd and 4th row to handle high amounts of trash. There are 12 different heights at which you can easily set the “Z” rear following harrow to allow for higher clearance. You can also adjust the pitch and therefore the aggressiveness of the following harrow in very trashy conditions to avoid a build up of material.

### LARGE HOPPER CAPACITY

The mounted Sabre is fitted with a 2,000 litre plastic hopper, with integral distribution head. Steps from the rear give access to the platform, which provides good and safe visibility over the hopper lid. An inspection door on the side of the tank allows access for easy cleaning and maintenance.

The FT Sabre is fitted with a large steel frame hopper with a stainless steel drop box metering unit. The FT Sabre 4800 has a 2,200L capacity and a single metering unit while all larger models have a 2,400L capacity and a double metering unit. Steps at the front give access to and safe visibility over the hopper lid. All Front Tanks are fitted with front row lights and built-in cameras to assist pulling out at junctions.

### RDS ISOCAN CONTROLS

The Sabre Drill is equipped with RDS iSOCAN controls. The terminal from RDS uses a 7" touchscreen (16 x 9 format) display and includes physical keys to provide a modern and ergonomic operator interface for a wide variety of applications. The system allows up to 4 metering units or applicators, enabling dual cropping, fertiliser and Avadex applications.

The iSOCAN software monitors and controls tramlining, hopper level, fan speed alarms, variable rate controls, on the go seed rate adjustment and offers activity data (e.g. area worked and quantities applied). The iSOCAN software is ISOBUS compatible, allowing complete control via ISOBUS with the additional of an ISOBUS ready cable (see optional specification).



*Six degree wing pivot for ultimate contour following and seed placement*



*Wheel eradicators*



*High carbon steel leg with tungsten and adjustable stainless steel tube*



*Hydraulic depth wheel with aluminium spacers*



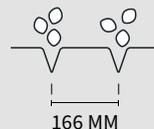
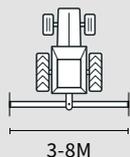
*Double Z following harrow with angle adjustment*



*Four rows of tines for high trash clearance*



## MOUNTED SABRE



### DESCRIPTION

4 rows of 12mm tines with tungsten tips and stainless steel adjustable seed tubes. 2,000L hopper and tank sieve, colour touch screen RDS ISOCAN controls with GPS forward speed monitoring, wide floatation wheels, hydraulic depth control, wheel eradicators, a double row of following “z” harrows and LED road and work lights, all within a transport width of 3.0 Metres.

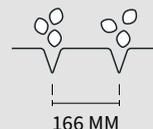
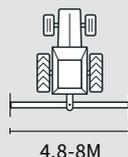
### MODELS & STANDARD SPECIFICATION:

MODEL	SABRE 3000M	SABRE 4800M	SABRE 6000M	SABRE 6400M	SABRE 7200M	SABRE 8000M
Working width (m)	3	4.8	6	6.4	7.2	8
Hourly output (ha)	3	4.5	6	6	7	8
Row spacing (mm)	166	172	166	166	166	166
No. of coulters	18	28	36	38	42	48
Minimum power requirement (hp)	120	160	200	220	280	300
Frame type	Rigid	Folding	Folding	Folding	Folding	Folding
Working speed (km)	8-14	8-14	8-14	8-14	8-14	8-14
Road transport width (m)	2.99	2.95	2.95	2.95	2.95	2.95
Weight (kg)	2000	2800	3200	3300	3600	3900
Filling Height (m)	2.4	2.6	2.6	2.6	2.6	2.6





## FRONT TANK SABRE



### DESCRIPTION

The Sabre Toolbar: 4 rows of 12mm tines with tungsten tips and stainless steel adjustable seed tubes, wide floatation wheels, hydraulic depth control, wheel eradicators, a double row of following “z” harrows and LED road and work lights, all within a transport width of 3.0 Metres.

The Front Tank: 2200 litre (FT Sabre 4800) or 2400 litre (FT Sabre 6000+) capacity, RDS ISOCAN Controls with GPS forward speed sensor, Robust metal lid, Front step for operator access, Forklift Slots, Operator toolbox, HD camera system, Dipped/high beam headlights based on 7 pin plugs, Cat 2/3N linkage, Weaving Volumetric metering unit, one button calibration. ISOBUS Ready.

### MODELS & STANDARD SPECIFICATION:

MODEL	FT SABRE 4800M	FT SABRE 6000M	FT SABRE 7200M	FT SABRE 8000M
<b>Working width (m)</b>	4.8	6	7.2	8
<b>Hourly output (ha)</b>	4.5	7	8.5	9.5
<b>Row spacing (mm)</b>	172	166	166	166
<b>No. of coulters</b>	28	36	42	48
<b>Minimum power requirement (hp)</b>	160	200	280	300
<b>Frame type</b>	Folding	Folding	Folding	Folding
<b>Working speed (km)</b>	8-14	8-14	8-14	8-14
<b>Road transport width (m)</b>	2.95	2.95	2.95	2.95
<b>Weight (kg)</b>	2800	3200	3600	3900
<b>Metering</b>	Single	Double	Double	Double





## OPTIONS

Various options are available to be fitted to the standard Sabre Drill enabling the customer to specify the machine to their exact requirements.

### HYDRAULIC MARKERS

The hydraulic position markers use a serrated cutting disc to scratch a mark into the surface of the soil allowing operators to align the centre of the machine at equal and parallel distances from their previous workings. \*Hydraulic Markers are only available on models up to 6m working width.

### ELECTRIC HALF SHUT OFF

An electronically controlled actuator shuts off 50% of the distribution head cutting off seed supply to half of the machine width to reduce the amount of seed overlap on headland manoeuvres. \*Half Shut Off only available on 6m and 8m models.

### PRE-EMERGENCE MARKERS

A pair of pre-emergence markers are fitted to the following harrows and use a serrated cutting disc to leave a visible mark for operators to easily follow for subsequent operations. These are activated automatically by the RDS controller.

### VARIABLE RATE UNLOCK CODE

This is only available with iSOCAN controls. By purchasing the unlock code operators are then able to access the variable rate seeding facility on the RDS controller.

### ISOBUS

ISOBUS enables standardised communication between your tractor, software and drill through a single 'plug and play' terminal. The tractor driver is able to control several functions allowing better yield and precision drilling management from the comfort of the tractor cab using an ISOBUS Ready Cable.

### SLUG PELLETT ROLLER FOR AVADEx APPLICATOR

This roller can be fitted to the Stocks Avadex applicator allowing it to accurately meter Slug Pellet granules.

## APPLICATORS

Applicator options available to fit to the Sabre Drills.

### STOCKS TURBO JET APPLICATOR

The Stocks Turbo Jet i-Con applicator with a capacity of 240 Litres is a versatile and accurate 12 volt powered pneumatic applicator to meter and spread most small seeds. This applicator is commonly used to apply Avadex or slug pellets with the measured material blown onto the seedbed surface via a separate distribution unit. Applicators can be configured to suit various working widths.

### STOCKS ROTOR METER APPLICATOR

The Stocks Turbo Jet i-Con applicator has a capacity of 130 Litres enabling it to accurately and safely meter micro and full size granular material and small seeds. The electronically speed controlled (ESC) applicator uses GPS to automatically maintain application rate as forward speed varies with 'on the go' adjustment of rate. The metered material is fed into the venturi of the seed metering unit via a pressurised air supply ensuring constant delivery of material. The combination of materials is evenly mixed in the metering unit and delivered via one coulter into the seedbed.









# WEAVING

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