

MaxiDrill



Min-till & conventional tillage

MaxiDrill

Why Sky Agriculture?

Sky Agriculture was formed in 2013 as a company to specialise in the production of trailed drills, suitable for the arable sector as well as grassland farms. Today, Sky drills are manufactured at the "state of the art" Sulky factory and fully tested by agricultural engineers on a working farm just down the road from the factory at Ferme de la Conillais, near Nantes in western France.

Overhauled for 2020, the series 20 MaxiDrill updates include the option of up to 4 hoppers with separate metering, two distribution circuits to allow seed and fertiliser to be placed at different depths and a new ISOBUS compatible electronics package with Quartz 800 touch screen control box.

WORKS IN ALL CONDITIONS

The MaxiDrill is designed as a high speed trailed cultivator drill that works equally well on ploughed land or prepared seedbeds and can be used as a direct drill in certain conditions. Key to the MaxiDrill is the space within its construction which allows it to cope extremely well in wet, sticky and trashy conditions.

Designed with a long chassis, the MaxiDrill has the largest coulters stagger on the market. This gives it maximum clearance ensuring unrivalled residue flow for drilling in heavy residue seedbeds late into the season when most other minimum tillage drills have been put away in the shed.



The MaxiDrill's road legal, high speed axle allows fast transport between fields and farms and means a comfortable ride for the operator. Thus enabling the press roller to be used for consolidation whilst seeding and not for transport.



**2 YEARS WARRANTY
ON ALL SKY PRODUCTS**

All new SKY machines come standard with
TWO YEARS warranty*.

* Terms and conditions apply

✓ 4 Hoppers

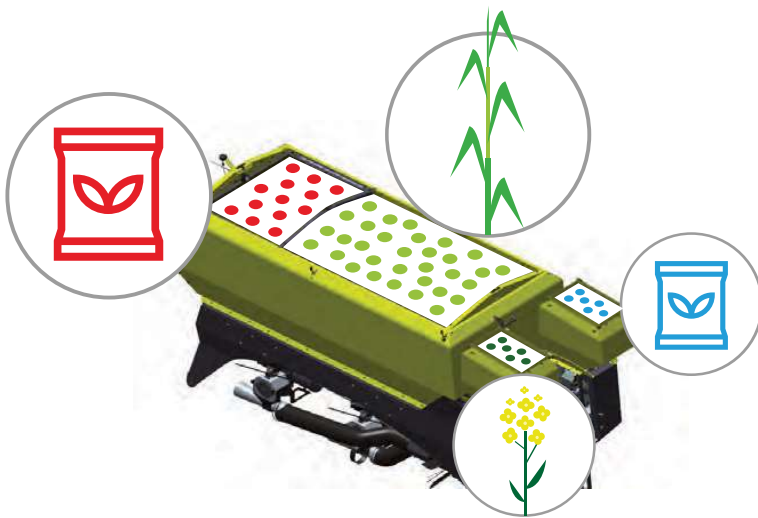
In standard configuration the MaxiDrill comes as grain only but can be specified as grain and fertiliser with the possibility of adding one or two PRO hoppers.

PRO hopper 1 (PRO I) feeds into the distribution circuit for the main tank (Hopper 1) and PRO hopper 2 (PRO II) feeds into the distribution circuit for the fertiliser tank (Hopper 2).

The addition of a 4th hopper gives even more flexibility making the Sky drill even more versatile.

PRO hopper features:

- Hopper capacity 120 litres
- Rate from 0.5kg to 30 kg/ha
- Product can be introduced into either of the main tank hopper's distribution circuit
- Electrically driven metering unit
- Quartz 800 electronic control box
- Choice of three metering rollers
- Easy emptying with spout
- Fill level window



Four products, two depths, each individually metered. Both PRO hoppers are suitable for small seeds, seed mixes, companion plants, micro fertiliser, slug pellets and more. Seed rates from 0.5kg to 30kg per hectare are possible.

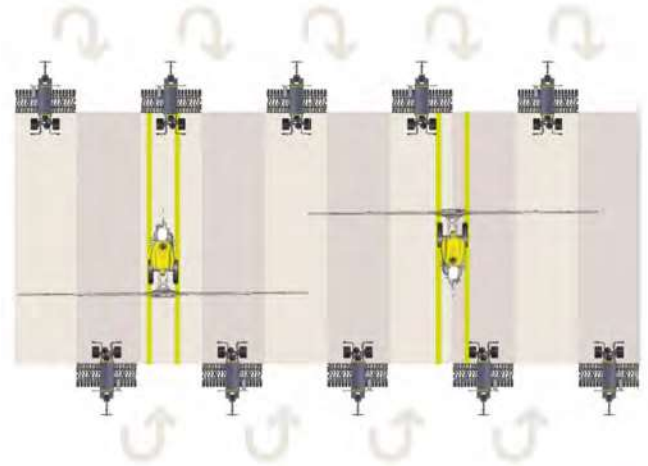


PRO I & PRO II introduced into air circuit of main tank hopper 1 & 2.

✓ E-Drive premium

The top-spec option for the pneumatic drills is E Drive Premium. As well as offering left and right section control, E Drive premium provides electronic shut off for each individual outlet, with the result that the drill can be set to seed with any number of row configurations from the touch of a button.

This also means that the drill no longer needs to be a multiple of the sprayer/spreader, as tram-lining can be achieved at any width.



✓ Blockage sensors



Sky drills now have the option of being factory fitted with blockage sensors for both the seed and fertiliser pipes. Sensors are all monitored from the Quartz 800 control box.



✓ Centre packer

The centre tyre packer is a recommended option for drilling into a min-till seedbed but should be considered a mandatory option for drilling directly into ploughed land. The centre tyre packer helps to level and consolidate the area between the tractor tyres meaning the cultivation discs can work more effectively.



CENTRE PACKER



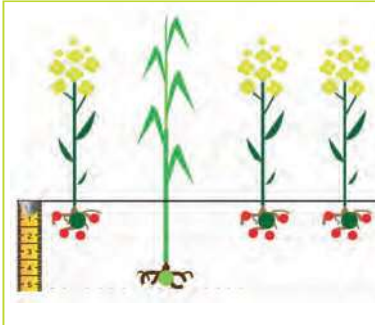
WING PACKER

✓ Wing packer

The wing tyre packer options allow the machine greater stability when working in ploughed or uneven seedbeds and like the centre packer help prepare the land for the cultivation discs to work to their best ability.

The **MaxiDrill** has **maximum clearance** to work in all conditions

✓ 4 hoppers / 2 depths



The **MaxiDrill** can be fitted with up to 4 hoppers.

The primary product i.e. seed from hopper ① is drilled using the disc coulters and the secondary product ② (often fertiliser) is placed by a dedicated outlet directly behind the disc coulters. If a 'Pro Hopper' ③ is fitted for a third product it can be fed into either the seed or fertiliser distribution system.

If a second 'Pro Hopper' ④ is fitted this will deliver its product into the fertiliser distribution circuit while the first 'Pro Hopper' will deliver its product into the seed distribution circuit.

The ability to seed from four hoppers at once allows multiple possibilities e.g. companion plants/small seeds/slug pellets to be added as desired. It also combats the risks of seeds of different sizes settling out.

Drilling at two different depths, provides accurate and separate seed and fertiliser placement, increasing efficacy of applied nutrients and eliminating the risk of shoot burn with certain fertilisers.

✓ Two rows of offset cultivation discs

Two rows of offset opposing cultivation discs produce a fine tilth in front of the tyre packer. Each disc is individually mounted on a rubber shock absorber for protection against stones. The discs are slightly concave with small scallops, this ensures they effectively move and cultivate all the ground across the full working width and maintenance free hubs no longer need greasing.

Discs work at high rpm due to their size which creates a finer tilth for the seed to be placed in to. Finally, discs can be hydraulically adjusted from the tractor seat to suit all conditions.



✓ Dedicated tyre packer

Since the **MaxiDrill** is fitted with a dedicated axle and two large tyres for transport, the full width tyre press roller is only used for consolidation. Pressure in the press roller tyres can therefore be adjusted to suit seabed conditions and optimise consolidation.



SKY W6020
6m **MaxiDrill** Fertiliser
4 Hoppers

✓ Dedicated road transport wheels

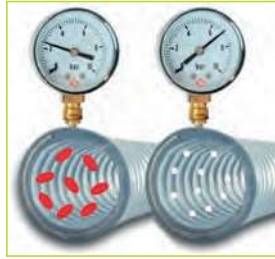


The **MaxiDrill** is designed with a dedicated transport axle. This allows it to be fitted with hydraulic or air brakes and means the drill is safe and legal for high speed road transport. This is a real advantage to both productivity if fields are spread out over a large area, as well as providing peace of mind for the operator and owner.

The transport wheels are used for headland turning and can also be used to 'lift' the drill out of work in very wet conditions.

✓ Separate seed & fertiliser distribution circuits

Seed and fertiliser are kept separate which minimises the volume of product in each pipe to prevent blockages between fertiliser and seed. The use of two separate air circuits allows air flow to be optimised for each product reducing the potential for any fertiliser blockages.



✓ QUARTZ 800 control box

Introduced for 2020, the Quartz 800 control box gives added functionality and is fully ISOBUS compatible. The Quartz 800 is standard on all 20 series drills.



All pneumatic SKY drills are now ISOBUS ready

✓ ADS distribution head

Sky's distribution head developed in conjunction with Airbus SE ensures consistent and even distribution of seed. The E-drive premium also allows the user to close off rows as needed e.g. to close every other row or to sow products in alternate or combination of rows.



✓ Long coulters stagger

The coulters line has been designed to enable it to work in the worst conditions, 56cm of clearance between the two rows of coulters ensures unrivalled residue flow. This is ever more important in sticky, wet conditions.

The two rows of identical leaf spring mounted seeding discs offer up to 120kg per disc for consistent and even seeding even in tough conditions.



✓ Paint process



Sky drills benefit from their association with Sulky. The key components of the drill are painted in the same factory as Sulky fertiliser spreaders, benefiting from the eleven stage paint process to protect them against the most corrosive of fertilisers.



Distributed by

	MaxiDrill 3020	MaxiDrill 3020 Fertiliser	MaxiDrill W 4020	MaxiDrill W 4020 Fertiliser	MaxiDrill W 6020	MaxiDrill W 6020 Fertiliser
Working width (m)	3	3	4	4	6	6
Transport width (m)	3	3	3	3	3	3
Weight (kg) (without options)	4,100	4,200	6,750	6,850	8,300	8,400
Hopper capacity and volume allocation (l)	3,000	3,000 1,760 + 1,240 or 1,440 + 1,560	3,000	3,000 or 1,760 + 1,240 or 1,440 + 1,560	4,100	4,100 or 2,450 + 1,650 or 1,800 + 2,300
Pro I hopper	120	120	120	120	120	120
Pro II hopper	-	120	-	120	-	120
Loading height (m)	2.48	2.48	2.60	2.60	2.90	2.90
Number of coulters	20	20	28	28	40	40
Number of fertiliser outlets	-	20	-	28	-	40
Coulter pressure (kg)	120	120	120	120	120	120
Row spacing (cm)	15	15	14.3	14.3	15	15
Typical working speed (km/h)	8 - 20	8 - 20	8 - 20	8 - 20	8 - 20	8 - 20
Power required (hp)	105 - 150	105 - 150	140 - 200	140 - 200	210 - 300	210 - 300
Oil flow required for fan (l/min)	40	40	40	40	40	40
Control box (standard)	Quartz 800	Quartz 800	Quartz 800	Quartz 800	Quartz 800	Quartz 800

Due to our company policy of continual improvement we reserve the right to change specifications and/or prices without prior notification.

YOUR LOCAL SKY DEALER



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