

EasyDrill



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THE FUTURE OF ESTABLISHMENT



No-till • Min-till • Into Cover Crops • Conventional

EasyDrill

The **EasyDrill** is the most **versatile & flexible** drill on the market

Sky's **EasyDrill** is a major player in the seed-drill market with a global reach from Canada to New Zealand and across Europe. The HD coulters line has been redesigned and improved, since its launch, to ensure even more accurate seed placement and reliability, whilst improving the flow of residue and preventing blockages, thereby enhancing the features of the drill.

The **EasyDrill** is specifically designed as a no-till drill but works equally well in minimum tillage conditions, on consolidated ploughed soil and when drilling into cover crops.

The pneumatic **EasyDrill** can be fitted with up to four separate hoppers to allow conventional drilling to take place alongside fertiliser application, cover and companion crop drilling or slug pellet application.

Why Sky Agriculture?

Sky Agriculture was formed in 2013 following a 40-year collaboration between two established no-till drill manufacturers to produce 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 are fully tested by agricultural engineers in a real farm situation at Sky's own Ferme de la Conillais, near Nantes in western France.

The latest iteration to the Sky drill range is an updated seeding line, the HD coulters line, and for pneumatic drills the addition of a 4th seed hopper and a sophisticated electronics package, making it ISOBUS compatible.

Why OPICO?

As the UK distributor, and as part of OPICO's commitment to supply a capable and versatile machine, OPICO provides new and existing customers with up-to-date training as well as sharing knowledge of their transition to conservation agriculture at their Cambridgeshire farm.

Different methods of no-till farming on an operational, commercial holding are put into practice. These include trialling both cover and companion cropping, drilling different combinations from the available hoppers and the resulting impact on soil conditions.

The knowledge exchange days share the ongoing trials and tribulations of the road to no-till, via the regenerative route.



Drilling into a cover crop at College Farm

EasyDrill Features:

Standard dual distribution system allows multiple products to be planted at two different depths in the same seeding row (for example: oilseed rape at 1cm and field beans at 5cm).

Disc inclination of 1.5° and opening of 3.5° reduces the power consumption and reduces soil disturbance between seeding rows. Both primary and secondary coulters deliver different product in the same drilling line at independent depths.

✓ **Versatile**

✓ **4 hoppers/2 depths**

✓ **Front depth/press wheel**

✓ **Hydraulic weight transfer**

435mm diameter notched-disc: the notching ensures the disc keeps turning in light or freshly cultivated soil.

Hydraulically adjustable weight transfer system allows weight to be distributed between the front press wheel and the rear closing wheel to suit weather conditions ensuring good slot closure.

250kg coulters pressure per disc.

✓ **Separate seed and fertiliser distribution circuits**

✓ **ADS distribution head**

✓ **Optional E-Drive premium**

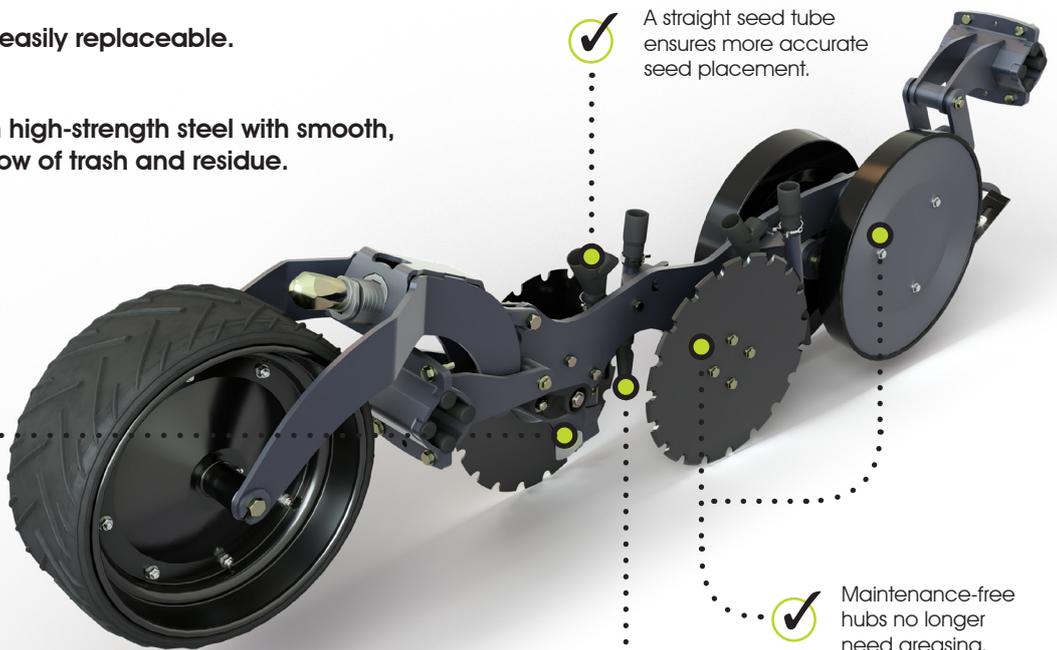
✓ **Chamfered rear closing wheel**

HD Coulter:

- ✓ Fewer wearing parts, more easily replaceable.
- ✓ Central support made from high-strength steel with smooth, sleek lines to improve the flow of trash and residue.



- ✓ Monobloc primary coulter faced with tungsten improves the flow of residue and durability.



- ✓ A straight seed tube ensures more accurate seed placement.
- ✓ Maintenance-free hubs no longer need greasing.
- ✓ Secondary placement coulter to allow additional product at different depths.

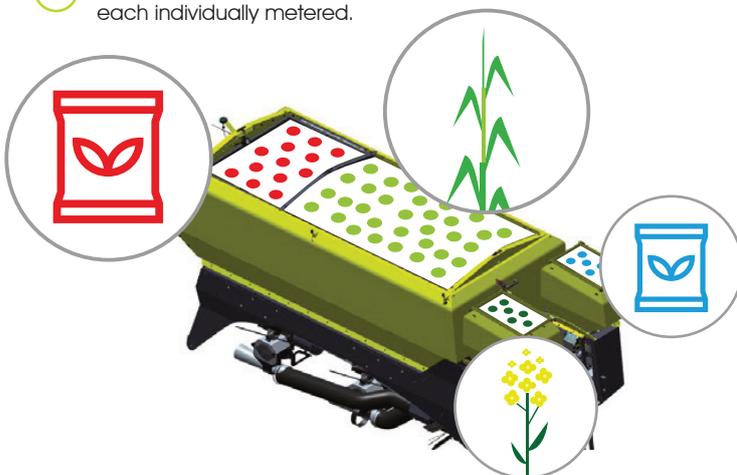
Multiple Hoppers:

The EasyDrill can be fitted with up to 4 hoppers. Grain and fertiliser main hoppers are standard with the option of adding one or two PRO hoppers.

- PRO I feeds into the distribution circuit of either of the main hoppers
- PRO II feeds into the other distribution circuit

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

- ✓ Four products, two depths, each individually metered.



- ✓ Seed rates from 0.5kg to 30kg per hectare are possible.
- ✓ PRO hoppers are suitable for small seeds, seed mixes, companion-plants, micro fertiliser, slug pellets and more.

PRO Hopper Features:

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

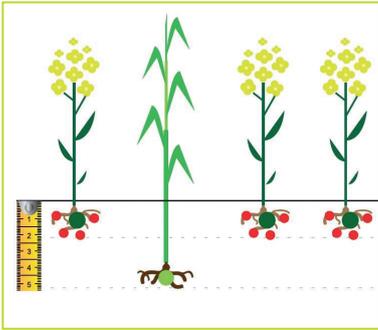


PRO I & PRO II introduced into air circuit of main tank hopper 1 & 2.

EasyDrill

The **EasyDrill** is the most **versatile & flexible direct drill** on the market

✓ 4 hoppers / 2 depths



The primary product i.e. seed from hopper ① is drilled using the disc couler and the secondary product ② (often fertiliser) is placed by a dedicated outlet directly behind the disc couler. If a third 'Pro Hopper' ③ is fitted for a third product it can be fed into either the seed or fertiliser distribution system. If a fourth 'Pro Hopper' ④ is fitted this will deliver its product into the fertiliser distribution circuit while the third '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 giving even distribution across the field.

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.

✓ Ease of use



The V-shaped chassis allows for greater visibility to the centre of the seeding line while double sided steps make accessing the hopper easy.

Sky drills feature user friendly steps and platforms for accessibility to the metering mechanism and distribution head.

At the end of drilling, emptying the drill of product is easy and straightforward.

✓ Front depth wheel



The front depth wheel acts to consolidate worked ground ahead of the couler and works as part of the depth control mechanism. Pressure on the front wheel can be adjusted according to conditions.

On soft soil, the front depth wheel is weight bearing to consolidate in front of the couler. It is also used to roll down long stubble and cover crops when drilling.

✓ Depth control / Pressure adjustment



Depending on conditions, pressure can be biased towards the front depth wheel or the rear closing wheel.

Under damp soil conditions weight is transferred onto the front press wheels and in dry seeding conditions, the weight is moved to the rear closing wheels.

The couler is positioned between these tandem elements, guaranteeing perfect control of drilling depth and therefore seed placement and slot closure, whatever the conditions.



**2 YEARS WARRANTY
ON ALL SKY PRODUCTS**

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

* Terms and conditions apply

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



SKY W 6020
6m **EasyDrill** HD Fertisem
4 Hoppers

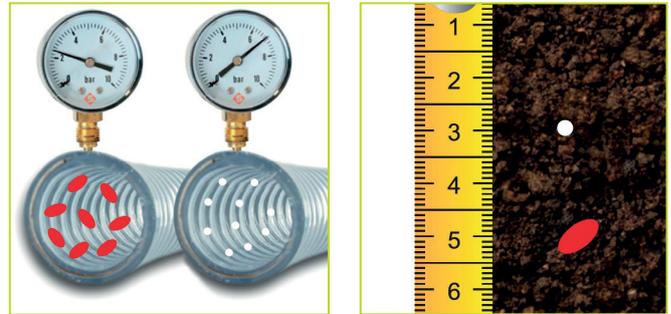
✓ Angled rear closing wheel



A key feature of the Sky **EasyDrill** is the bevelled cast steel rear closing wheel which guarantees seed slot closure in any conditions. In wet conditions the closing wheels run clean due to their integrated scrapers.

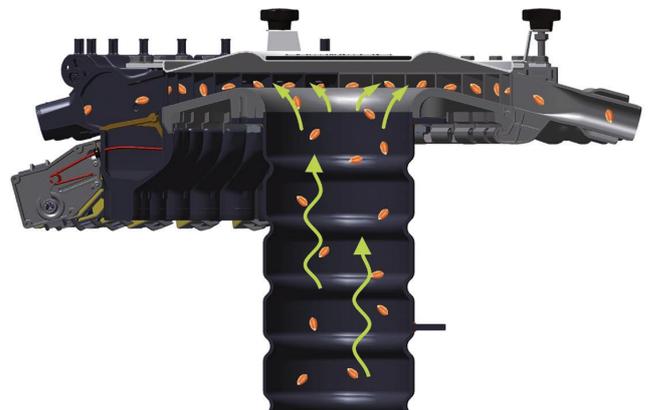
✓ Separate distribution circuits

Seed and fertiliser are kept separate to minimise the volume of product in each pipe so as 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 blockages.



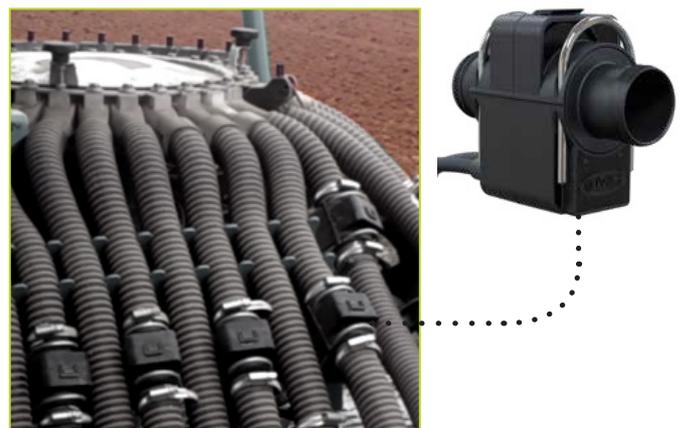
✓ ADS distribution head

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.



✓ Blockage sensors

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



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Control Systems:

✓ QUARTZ 800 control box

The Quartz 800 control box gives added functionality with its coloured touchscreen and is standard on all pneumatic Sky drills.

Drill control is also compatible with ISOBUS systems with the option of variable rate and section control.

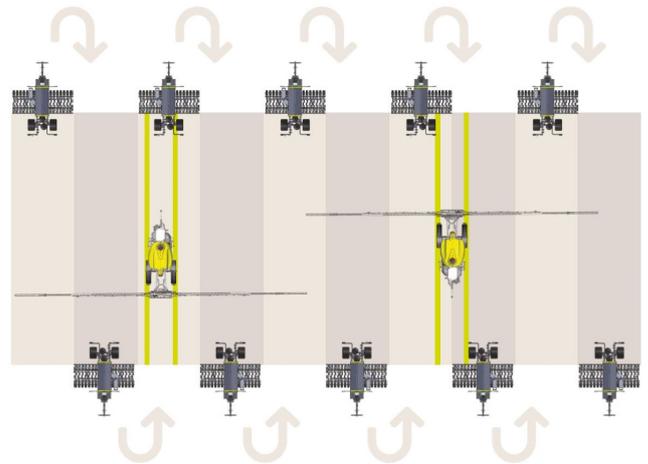


All pneumatic SKY drills are now ISOBUS ready

✓ E-Drive premium

The top of the range control 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.



E-Drive premium includes: electric row control of all rows, 1/2 width shut off, reversing camera, LED work lights and 710/50 – R26.5 tyres.



6m EasyDrill - W6020 Fertiliser



8m EasyDrill - W 8020 Fertiliser

Mechanical Drive Box Drill:

Sky's 3010 box drills benefit from the same seeding line as their pneumatic big brothers (see HD COULTER) but uses a simple Ultron MS control box (non-ISOBUS compatible).

The distribution system comprises of simple peg-wheel metering with a fine peg-wheel for small seeds and a course peg-wheel for larger seeds with a fluted roller being used for the fertiliser system.

All 3m mechanical drive drills come with split grain and fertiliser hoppers as standard. The partition between the two hoppers is movable so that the full capacity can be used for grain only if required.



3m EasyDrill - Mechanical 3010 Fertiliser

EasyDrill

	 3010 Fertisem	 W 4020 Fertisem	 W 6020 Fertisem	 W 8020 Fertisem
Working width	3m	4m	6m	8m
Transport width	3m	3m	3m	3m
Weight (without options)	3,500kg	6,560kg	7,780kg	9,350kg
Grain hopper (Main 1)	1350L 2000L	1760L 1440L 2900L	2450L 1800L 4000L	2960L 2290L 5000L
Fertisem hopper (Main 2)	900L 250L	1240L 1560L 100L	1650L 2300L 100L	2140L 2810L 100L
PRO I hopper	-	120L	120L	120L
PRO II hopper	-	120L	120L	120L
Loading opening	1.1 x 2.4m	1.08 x 2.58m	1.08 x 2.58m	1.08m x 2.58m
Loading height	2.04m	2.50m	2.80m	3.20m
Number of coulters	18	24	36	48
Number of fertiliser outlets	18	24	36	48
Coulter pressure	250kg	250kg	250kg	250kg
Row spacing	16.6cm	16.6cm	16.6cm	16.6cm
Typical working speed (km/h)	6-12km/h	6-12km/h	6-12km/h	6-12km/h
Power required (hp)	75 - 105hp	140 - 180hp	150 - 210hp	250 - 360hp
Oil flow required for fan (l/min)	-	40L/min	40L/min	40L/min
Control box (standard)	Ultron MS	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.

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OPICO Ltd.
Cherry Holt Road, Bourne,
Lincolnshire PE10 9LA.
ask@opico.co.uk
opico.co.uk
01778 421111
@opicoag

