

Maxi Drill





Farmers & MANUFACTURERS



SKY Agriculture is the outcome of a meeting between manufacturers and farmers. We are working together to define the products which best answer the current and future needs of our farms. Our solutions are groundbreaking but always practical and user friendly. ■ ■ ■



A FULL & VERIFIED product range

Here, at SKY Agriculture, you will find the Maxidrill that corresponds to your needs. We have a solution for tractor power between 120 and 300 hp depending on the type of soil. The Fertisem option is available on all of our models, regardless of the width.



3 m



3 m Fertisem



4 m folding



4 m folding Fertisem



6 m folding



6 m folding Fertisem

Maxi Drill

The Maxidrill has been thought to take high constraints due to important work speed. Besides, we tried to optimize the consumed power. The Maxidrill is one of the least power-demanding machines today.

A machine created

TO WORK WELL & FAST



Performance in figures

Work output at 15 Km/h

Maxidrill 3 m > **3,5 ha/hour**

Maxidrill 4 m > **5 ha/hour**

Maxidrill 6 m > **7 ha/hour**



The roller has twin-mounted wheels equipped with scrapers. Each pair is staggered.

This assembly allows saving up to 25% of absorbed power. The roller can work under humid conditions without stuffing chances. Finally, changing the wheel in case of flat tire will not take you more than a few minutes. All you have to do is to revolve the concerned pair of wheels.



Maxi Drill

“ Several drilling solutions can be imagined thanks to its detachable coulter bar... ”



Fitted for every ground,

THE MAXIDRILL IS FAST & MULTIPURPOSE

- ▶ Under normal conditions, **you can seed very soon** after one or several stubble ploughing
- ▶ Its roller also allows you **to work after a deep decompacting**
- ▶ If the autumn is too wet, **you can seed on soft ground**
- ▶ In summer, set up your plant covers **directly behind the harvester**
- ▶ Its important clearance allows to **seed directly after a grain corn crop**

A three-point rear hitching

You can uncouple the coulter bar within a few minutes thanks to a standardized hitch. The Hydraulic and electric circuits have fast sockets for an easy connexion. You can use the coulter bar alone or with another machine.



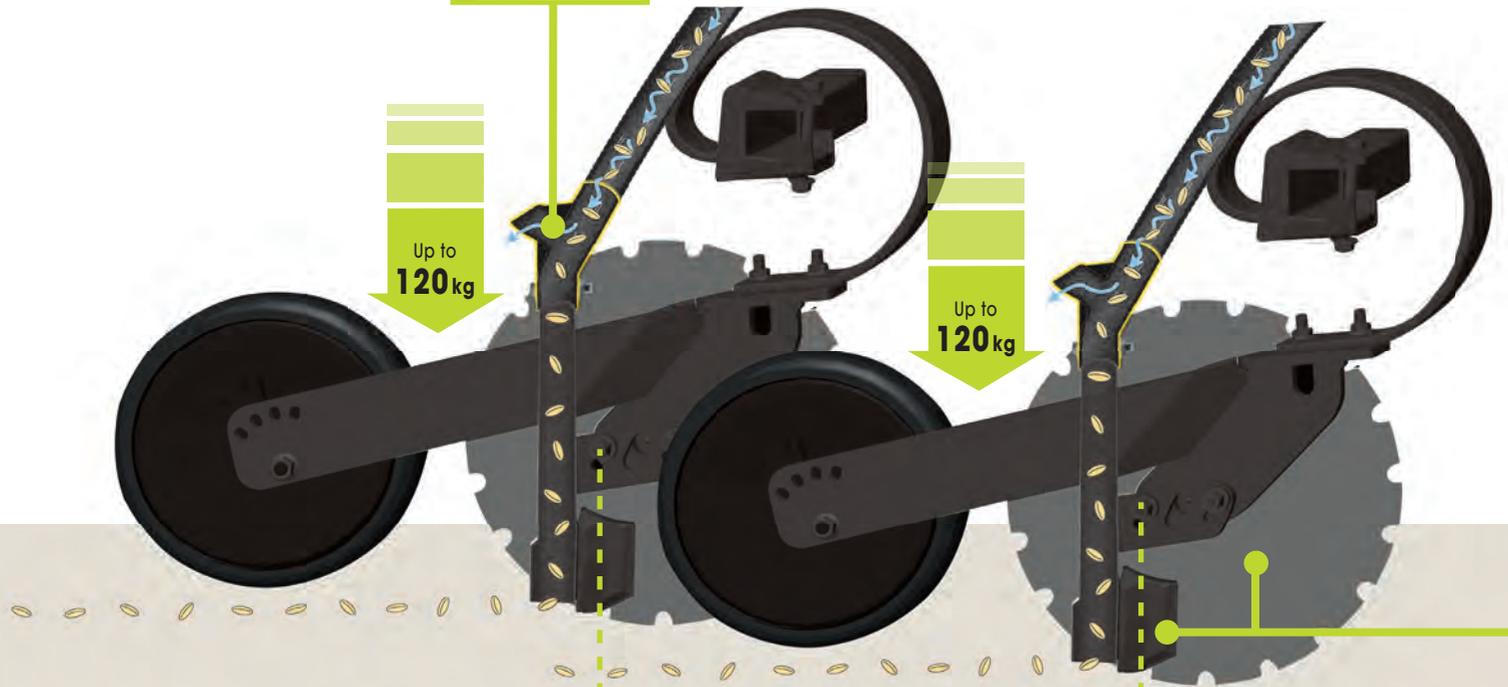
DOUBLE-BACKBONE CHASSIS

2 similar seeding items = same pressure



Depressurized column

For a seed drop-off without rebound



Single disc & skim coulters : The specific minimum tillage solution

The crenelated disc opens the furrow and the skim coulters clean the seeding line. The press wheel (detachable) closes the furrow.

- + Best sprouting rate for summer seedbeds under straw conditions
- + Best work capacity under humid conditions
- Less maintenance than with a double disc

Maxi Drill vs. its competitors



Limits of THE SINGLE-BACKBONE CHASSIS

- Less clearance
- Short and long elements
- Heterogeneous pressure

The biggest clearance on the market
allows you a high-speed work

UNDER ANY CONDITIONS



Maxi Drill



The functionalities that will ease your life... ↘



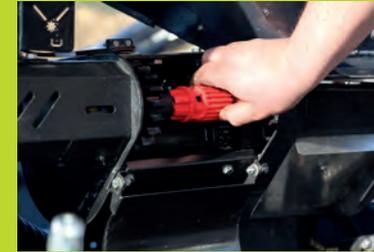
Calibration test button
Placed near the distribution



Stainless steel guillotine damper
To isolate the distribution



Emptying shutter
Full emptying of the seed box



Cog translation
For small seed work



Pressure
(For eye)

MODULARITY & PRECISION

the keys to productivity

Distribution is provided by electric driven metering mechanism. The centralised metering mechanism together with the distributor head provides an exceptional distribution between the rows even on banking soil. You can uncouple the number of rows you want and keep the same precision. The inter-row is adjustable depending on the crops to be grown.

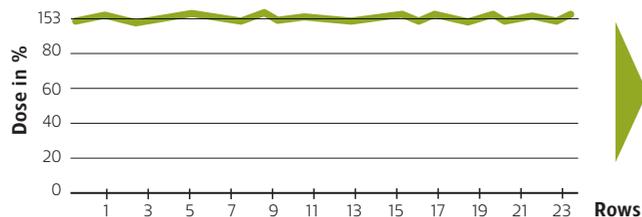


Pilot Console or Duo Vision

You can shut a half seed drill from the driver's position. The seed rate per hectare will automatically be adjusted.

Coefficient of variation (CV) between rows

Peas - 180kg/ha - CV = 1,54%

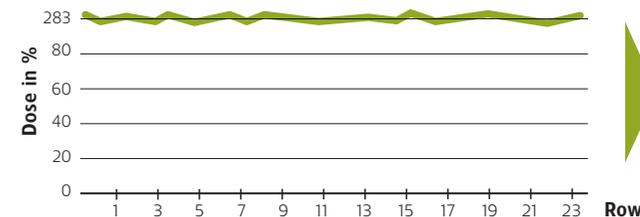


DLG references
(German research
institute in agriculture)

Wheat / Peas / Ryegrass

Excellent	<2
Good	2 à 3,2
Average	3,3 à 6,3
Bad	>6

Swede rape - 3kg/ha - CV = 2,84%



DLG references
(German research
institute in agriculture)

Swede rape

Excellent	<2,9
Good	2,9 à 4,7
Average	4,8 à 9,4
Bad	>9,4



manometer
control)



Pressure modulation
In the Fertisem version



Speed radar



Electronic spring scale
For calibration test



ADS head
with management of seeded
rows « on demand »

Fertisem Option

2 hoppers

2 doses

2 depths

Multiply the combinations !

Seeds mixing / Drilling fertilization / Several depths drilling possibility

The second distribution's locators are behind the second row of discs. A locator is placed in front of each roller's wheel and hence drops off these elements (fertiliser or drilling) between two drilling lines. The flow of earth ejected by the discs will then cover them. The working depth of the discs handles the depth. The width of the band is adjustable according to the air pressure.

An acknowledged KNOW-HOW

SKY benefits from the whole SULKY's experience in regards of fertiliser management. The metering mechanism and the hopper are made in the same factory than the fertiliser distributors. The painting's thickness and quality are similar than those of the fertiliser distributors.



This simple and multifunction system has already proven its worth over the years on the Easydrill seed drill products. It allows a great panel of possible combinations.



Wheat
+
mineral fertiliser



Large seed
+
small seed



Barley
+
organic fertiliser



Swede rape
+
companion plant



Wheat A variety
+
Wheat B variety





THE FOLDING MAXIDRILLS

have a real road axle



The advantage of the Axle on heavy folding machines

- + End-of-field packing limitation
- + Homogeneous wear of the roller
- + Manageability without roller shifting
- + Comfort and security on road

The details that make the difference



Retaining hooks



Riddle



Secured and comfortable access



2 points hitch



Stand



Centralised hydraulic setting of the drilling depth



Pre-emergence markers (optional)



Central packers (optional)



Exclusivity

With your Maxidrill W, you can directly empty the whole hopper bottom in a big-bag.



Road Lights and signs



Hydraulic power station (optional)



Led working lights (optional)



Side packers (optional)



Integrated storage box



Scrapers (optional)



Large side deflectors



Colour-coded hoses



Markers with spring security



Discs' hydraulic settings

Type of machine	Maxidrill 3000	Maxidrill 3000 <i>Fertisem</i>	Maxidrill W 4000	Maxidrill W 4000 <i>Fertisem</i>	Maxidrill W 6000	Maxidrill W 6000 <i>Fertisem</i>
Working width (m)	3.00	3.00	4.00	4.00	6.00	6.00
Transport width (m)	3.00	3.00	3.00	3.00	3.00	3.00
Weight in Kg (for information)	4100	4200	6750	6800	8300	8350
Hopper capacity (l)	2900	3000	2900	3000	4000	4100
Hopper opening dimensions	1.08 x 2.58	1.08 x 2.58	1.08 x 2.58	1.08 x 2.58	1.08 x 2.58	1.08 x 2.58
Filling height (m)	2.48	2.48	2.60	2.60	2.90	2.90
Number of fertiliser locators	-	10	-	14	-	20
Number of drilling elements	20	20	28	28	40	40
Pressure on drilling element (kg)	120	120	120	120	120	120
Drilling disc diameter (cm)	41.5	41.5	41.5	41.5	41.5	41.5
Inter row (cm)	15	15	14.3	14.3	15	15
Tyres' roller diameter (cm)	76.5	76.5	76.5	76.5	76.5	76.5
Axle tyres dimension (serial)	-	-	500/60 - 22.5	500/60 - 22.5	700/40 - 22.55	700/40 - 22.5
Work speed (km/h)	8/20	8/20	8/20	8/20	8/20	8/20
Power required (ch.)	105/150	105/150	140/200	140/200	190/300	190/300
Number of distributors DE / SE	1/2	1/2	3/1	3/1	3/1	3/1
Free return	1	1	1	1	1	1
Turbine oil flow (l/min)	40	40	40	40	40	40
Commands	Pilot	Vision	Pilot	Vision	Pilot	Vision