

# 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.



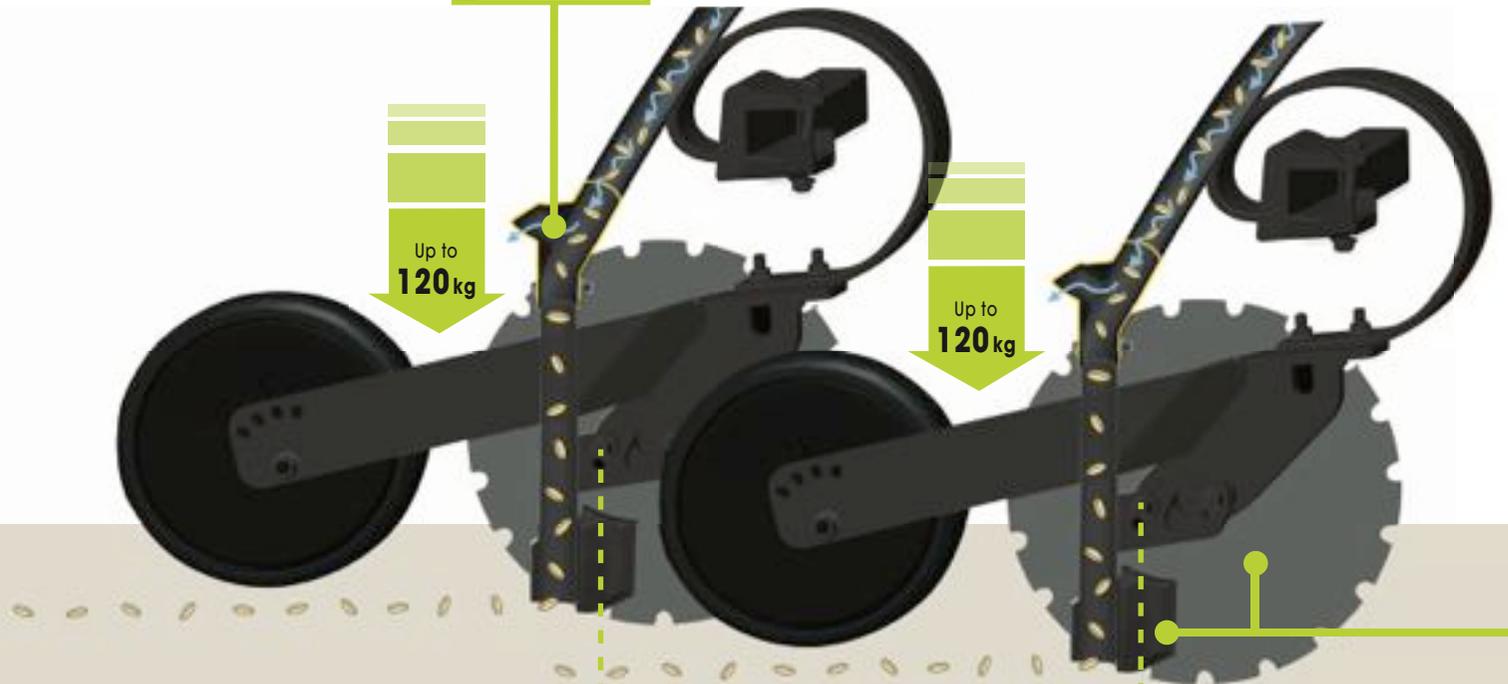
# DOUBLE-BACKBONE CHASSIS

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.

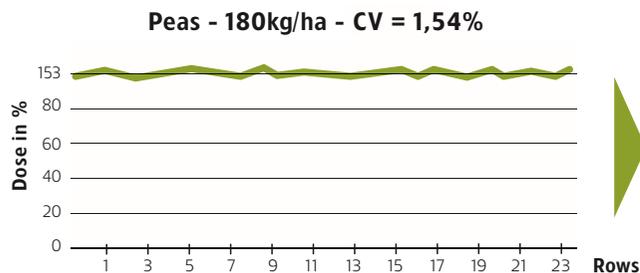
The centralised metering mechanism together with the distributor head provides an exceptional distribution between the rows even on banking soil. You can uncouple the number of rows you want and keep the same precision. The inter-row is adjustable depending on the crops to be grown.



### 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.

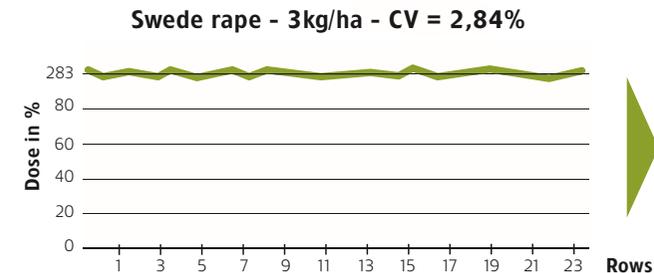
## Coefficient of variation (CV) between rows



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



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

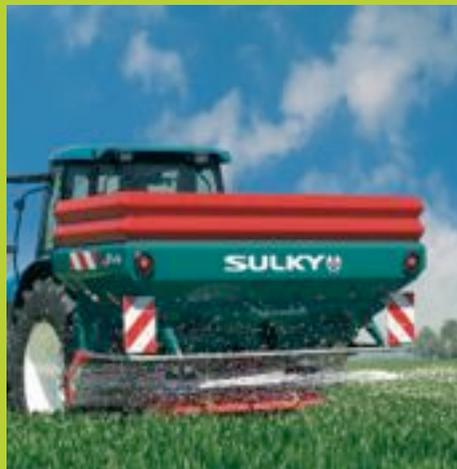
## Multiply the combinations !

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



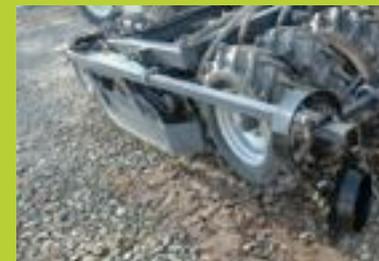
Scappers (optional)



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

# DDI disc harrow



# DDI disc harrow

The DDI disc harrow is the privileged partner of the Maxidrill seed drill. It allows a simple treatment of crops' residues. You can work superficially to make stale seedbeds. You can perfectly level your ground to ensure a fast and accurate seeding. You can also wipe your plant covers out.

**135 to 175 kgs  
per disc**

To work efficiently  
under every conditions

High performance  
**From 8 to 16 km/h**

Leaf spring  
without tapping  
effect

Great clearance, allowing fast work even in case of residues



# The details that make the difference



Waterproof hub



1 arm for 2 discs = more clearance



Load transfer



Axle suspension



Double roller bar



Double U roller



Comb row



Hydraulic depth settings

Back axle = unsteadiness and bulk

Integrated axle = steadiness and manoeuvrability



Competitors





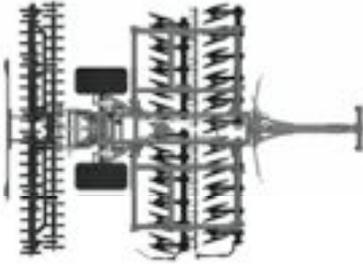
## The RAZOR discs,

meaning of quality and performance

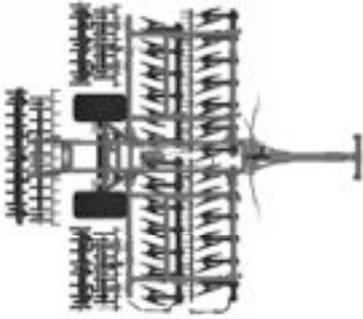
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Our disc harrows come with a high standard disc. These discs are concave and corrugated. They also have a machined cutting edge and a fine aliasing. The undulation allows a more aggressive attack and, above all, a better earth-straw mix. The machined cutting edge ensures a much more efficient and accurate cutting of the straws. We have chosen the NIAUX 200 technology to assure the utmost durability.

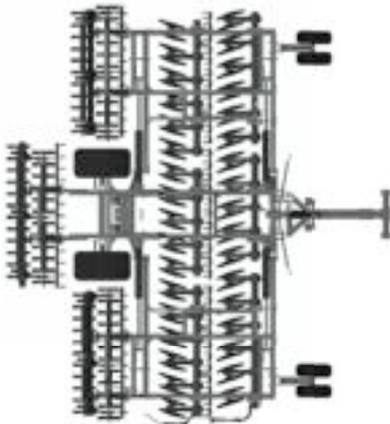
## Trailed disc harrow



	Roller	Number of disc	Weight (for information)	Power required	Roller width
DDI TW5	Double bar	36	5900 kg	120/160	4m70
DDI TW5	Double U	36	7000 kg	120/160	4m70
DDI TW6	Double bar	44	7570 kg	140/200	5m70
DDI TW6	Double U	44	7900 kg	140/200	5m70

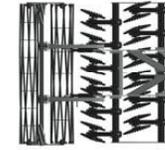


	Roller	Number of disc	Weight (for information)	Power required	Roller width
DDI TW7	Double bar	52	8280 kg	170/230	6m70
DDI TW7	Double U	52	9000 kg	170/230	6m70

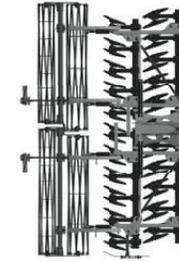


	Roller	Number of disc	Weight (for information)	Power required	Roller width
DDI TW8	Double bar	60	9040 kg	190/260	7m50
DDI TW8	Double U	60	10480 kg	190/260	7m50
DDI TW9	Double bar	68	9620 kg	220/300	8m50
DDI TW9	Double U	68	11250 kg	220/300	8m50
DDI TW10	Double bar	76	10200 kg	240/340	9m50
DDI TW10	Double U	76	12030 kg	240/340	9m50

## 3-point linkage disc harrow



	Roller	Number of disc	Weight (for information)	Power required	Roller width
DDI 3	Simple bar	24	1695 kg	90/130	3m00
DDI 3	Double bar	24	1920 kg	90/130	3m00
DDI 4	Simple bar	28	1985 kg	100/140	3m50
DDI 4	Double bar	28	2240 kg	100/140	3m50



	Roller	Number of disc	Weight (for information)	Power required	Roller width
DDI W5	Simple bar	36	2962 kg	120/160	4m70
DDI W5	Double bar	36	3300 kg	120/160	4m70
DDI W6	Simple bar	44	3500 kg	140/200	5m70
DDI W6	Double bar	44	3900 kg	140/200	5m70
DDI W7	Simple bar	52	4040 kg	170/230	6m70
DDI W7	Double bar	52	4500 kg	170/230	6m70