

Folding Tined Cultivator Drill NEW with 5 rows of tines and integral soil firming



> Working speeds increased up to an additional 30%!

Designed to move forward at 12-15 km/h, the KRONOS pneumatic Tined Cultivator Drill have:

- 5 rows of tines with an **unmatched anti-clogging clearance**.
- **1700 litre** hopper capacity, i.e. 2 x 600 kg Big Bags of wheat, for greater autonomy.



Careful preparation: To make full advantage of the potential increased working rates with the Kronos Sulky recommends intensive tilling and a level seed bed.

Unmatched clearance



5 rows of drilling tines!

The wide spacing of the semi rigid tines on the Kronos is designed to enable the drill to work well in a wide range of conditions. At the same time it offers;

- standard 15 cm inter-row spacing ;
- 75 cm space between tines on the same beam ;
- 5 rows each spaced 30 cm apart to make the flow fluid.

Kronos

Standard equipment

3 point linkage III/IV
3-section chassis with 5 rows of tines and hydraulic folding
45 drilling tines with reversible coulters
Comb harrow with 10 mm diameter straight tines
Farmflex® rear roller Ø 360mm for soil firming and depth control
Horizontally folding centre markers
Signalling and lighting system
10 kg electronic weight scales
Hydraulically driven fan with offset air filter
Ladder and platform for access to the hopper
Hopper mounted on Silentblocs
Folding cover
Filter screen
Trap for rapid emptying of the seed
SULKY metering unit with unique metering wheel (from 1 to 450 kg/ha)
Electric drive for the metering unit with radar speed reading and management by PILOT console
Application rate modulation, electric half-drill disengaging from the cab
ADS distribution with automatic tramlining by PILOT console
Individual control of rows (manual opening/closing of rows) without opening the distribution head
Front depth control wheel on extensions (optional for 4.80 m and 5.60 m)



The intuitive PILOT console

- Tramlining
- STOP key (stops tramlining)
- Surface area (partial and total) and meters
- Forward speed
- Rotation alarm and fan speed display
- Distribution mechanism rotation alarm
- Hopper empty alarm
- On-screen display of application rate/hectare
- Calibration test assistance
- Modulation of the manual dose (10% steps)
- Disengaging of half the seed drill from the cab
- Field end functions to prevent headlands or stop-start being missed



3.00 overall : for transport (hydraulic folding)

Technical characteristics

Type	KRONOS		
Width (m)	4,80	5,60	6,00
Number of rows	32	36	40
Spacing (cm)	15	15,6	15
Transport width (m)	3,00		
Hopper capacity (litres)	1 700		
Hopper l (w x d)	1,20 x 1,15		
Loading height (m)	2,45		
Weight* (kg)	2 300	2 400	2 500

Approximate

Options

- Electric motor power supply cable 50 A for connection to a 2nd tractor
- Spacers for deeper work by the tines behind the tractor wheels
- Rear tramlining for pre-emergence with discs
- Front depth control wheel on extensions (4.80 m and 5.60 m)
- Closure of 2 additional rows (2x3 row tramlining)
- Track eradicator tines (the pair)
- Start-up and training by SULKY

NB: Oil flow rate required: 40 litres/minute at 120 bars for the fan/Load Sensing hydraulic sensor with variable flow rate spreaders.Connection of the machine with hydraulic control: 1 SE + free return for the fan/1 DE for folding/1 DE for the markers

Photos : G. Gaster. In view of its aim of constantly improving its products, SULKY reserves the right to modify their characteristics at any time and without prior notice. 406141-00



FOLDING TINED CULTIVATOR DRILL

Kronos

NEW

SULKY

Sulky - The drilling and spreading specialist

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Kronos

SULKY



Good soil/seed contact all the time for fast, crop emergence



The semi-rigid drilling tines, Type 45 x 12 with reversible coulter, on the Kronos.

Up to an additional 30% field working output

The Kronos tine drill system is extremely simple and provides maximum **flexibility** for drilling in different situations:

- simplified drilling (plant debris correctly incorporated)
- levelled, rolled ploughing
- stony soils
- dried out seedbeds, counting on the soil firming by the integral Farmflex® roller.

In all cases, the semi-rigid tines push away obstacles. With the addition of a comb harrow, they produce fine soil which encourages soil/seed contact. Finally, the energetic consolidating action of the integral roller provides **fast, crop emergence**.



Soil firming: due to its integral Farmflex® roller (360 mm diameter), the Kronos saves you most of the time needed for post-drilling rolling! The angle-adjustable following harrow is also part of the standard equipment.

All providing accurate, deep placement

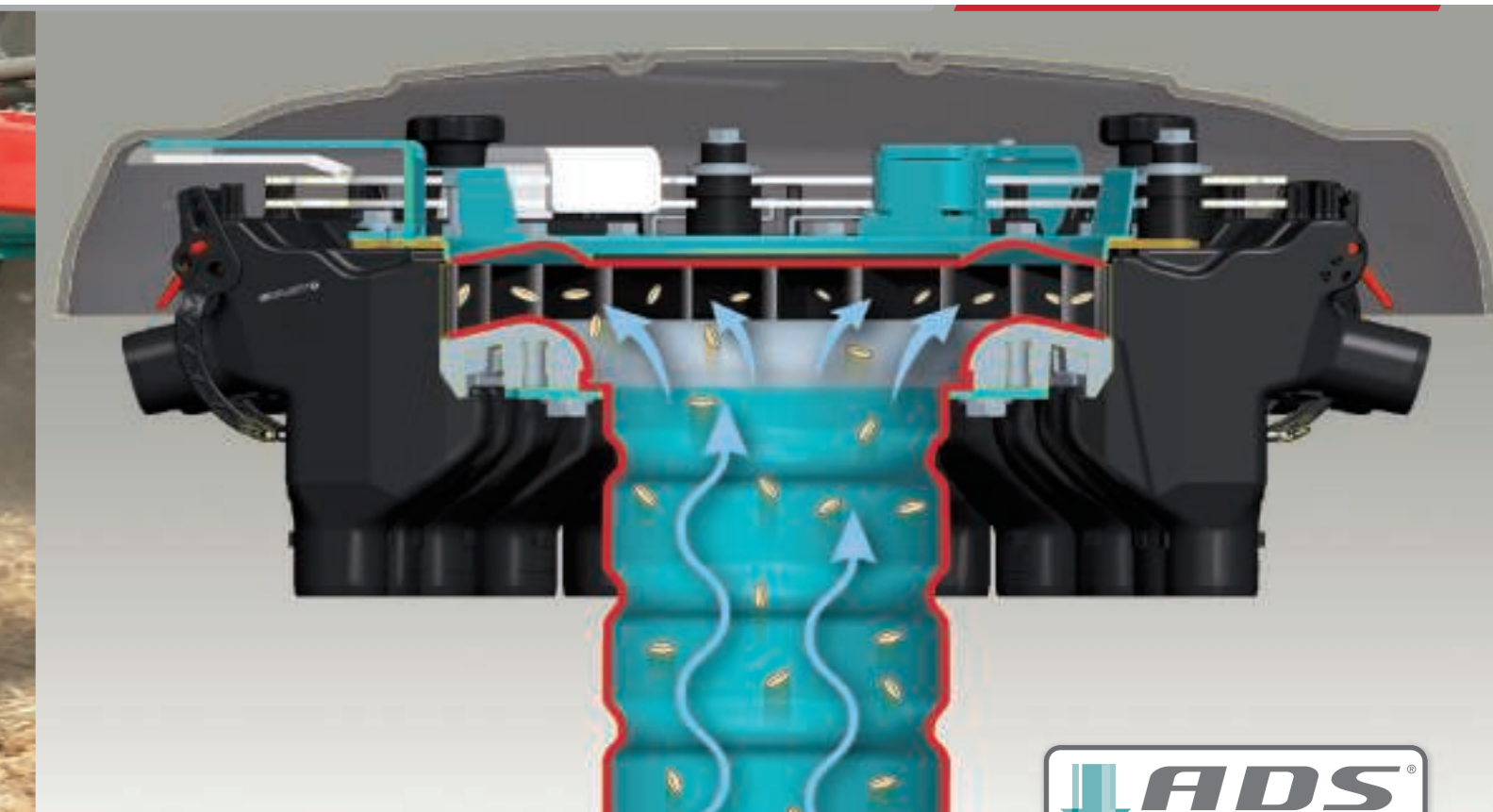
Whatever the weight of seed in the hopper, the integral Farmflex® roller on the KRONOS distributes the load over the entire width and so provides depth control; also as standard*, 2 adjustable depth control wheels at the front to deal with an uneven seed bed.



Front depth control wheels: recommended to deal with uneven seed beds at high speed.

For rows situated in the track of the tractor wheels, spacers (optional) make it possible to increase the aggressiveness of the drilling tines.

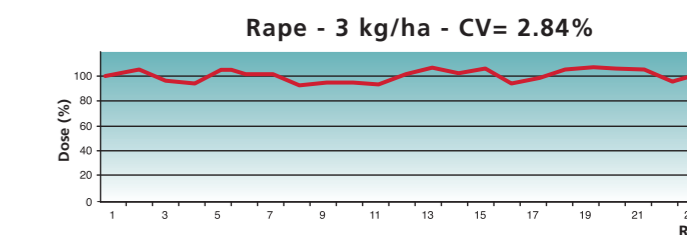
* standard for 6.00 m / optional for 4.80 m and 5.60 m



ADS
INSIDE
Adjustable Distribution System

A metering unit with proven technology

- > The universal metering unit (from rape to field beans) of the ADS system delivers up to **450 kg/ha** at 8 km/h for wheat.
- > The **radar** speed reading is particularly reliable. It relieves the driver of any concern about the DPA wheel during manoeuvres. The metering unit is driven by an electric motor controlled by the PILOT console.
- > The hydraulically driven fan is particularly **quiet**, while providing a very high volume of air.
- > The **distribution accuracy** applies to all types of seed, including on slopes and banks, as is shown by the excellent coefficient of variation (CV) for rape opposite.



The German Institute for Agricultural Research (DLG) marks Coefficients of Variation CV in the following manner for seed drills:

	Wheat/Peas/Rye grass	Rape
Excellent	<2	<2,9
Good	2 à 3,2	2,9 à 4,7
Average	3,3 à 6,3	4,8 à 9,4
Poor	>6,3	>9,4



Risk prevention and ergonomics: externally, without having to open the distribution head, each row has a valve making it possible to manage « easily » the number of rows drilled (1 in 2 rows or 1 in 3 rows, 2x2 row or 2x3 row tramlining, etc.)



Time savings : the parts of the ADS system are centralised for an "express" calibration test and total emptying.