

Stubbling and Seeding in one Pass!



Kverneland a-drill

Seeders for Cover Crops: One Response to the Nitrate Directive

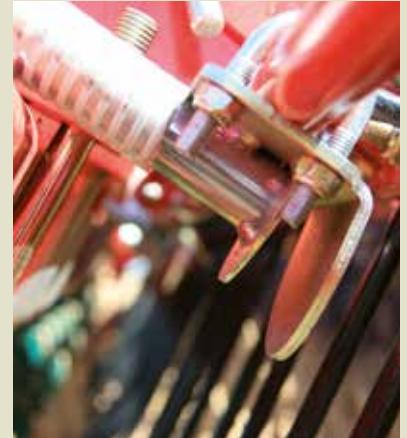
The nitrate directive adopted in 1991 by the EU aims to protect water resources so-called vulnerable with a rate higher than 50 mg nitrate/l. One of the measures taken into account to avoid leaching, resulting in the generalization of the soil cover in the fall by vegetation cover, which will absorb nitrogen from the soil and air, to convert it into organic nitrogen. The cover crops will then release nitrogen to the next crop (1/3), protect soil against erosion and improve its structure.

a-drill 200l and 500l have been designed to meet a rapid implementation of cover crop during stubble operations while minimizing their costs. In addition, they can also be used for establishing rape or mix of different diameters seeds (leguminous plant, crucifers, ...).



Precision and High Work Output

Two a-drills models are available depending of the seed rate/ha and the output of the machine: a-drill 200 and 500 litres. The a-drill 200l will be used for rather small seed sizes with a low seed rate/ha, whereas the a-drill 500l would be preferred with higher seed rate (25 to 50 kg/ha - mix of seeds, grass, etc ...) in order to maintain a significant autonomy even with 7m wide machines. Both models have 8 outputs which will spread the flow of seeds uniformly over the working width.



Secure Access on the Full Range

Kverneland has focused on safety and easy access for filling operations. In addition to responding to Machinery Directive in force, the access to the hopper is completely secure by double guards and anti-slip steps: operations can be done safely!



Seeder for all Types of Seed

Fans adapted to Seeds, Working Speed and Width

The a-drill can be equipped with two types of fan:

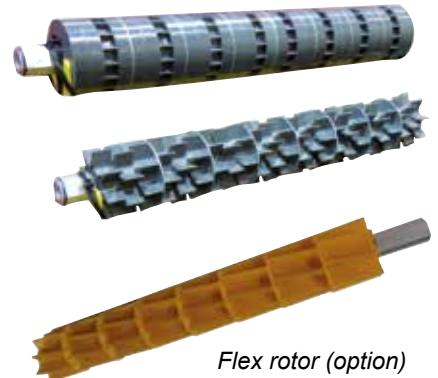
- An electric fan recommended for small seeds and allowing seed rates of 4 kg/min (for a machine 50kg/ha - 4m working width at 12km/h)
- A hydraulic fan (installed systematically on traile models) for flow rates up to 14 kg/min (100 kg/ha at 12 km/h for a 7m working width)



Seed Metering Rotors for all Conditions

The a-drills are delivered with two types of rotor: one for small seeds (rape, mustard, cabbage, clover, etc ...), and a medium rotor for seeds (vetch, grass, sunflower, ...). The agitator placed above the rotor ensures a steady stream of seeds. A brush, located at the base of the rotor, will regulate the flow and improve the setting accuracy.

For large seeds (peas, horse beans, etc ...), it is strongly advised to choose the Flex rotor option, which is able of deforming with large seed diameter.



Flex rotor (option)

Technical Data



Control box 3.2



Control box 5.2

Two control boxes are available:

- Version 3.2 which allows you to control rotor speed, the calibration test and the fan (on/off)
- Version 5.2 which allows flow speed regulation, ha and hour counter, self-diagnosis, etc ... It can be connected to a radar or 7-pin tractor speed information plug.

Model	a-drill 200				a-drill 500			
	CLC Evo/pro	CTC	Qualidisc Pro/Farmer	Qualidisc T Pro/Farmer	CLC Evo/pro	CTC	Qualidisc Pro/Farmer	Qualidisc T Pro/Farmer
Hopper capacity (l)	200				500			
No. of spreading deflectors					8			
Control box	Version 3.2 or 5.2							
Electric fan drive	•	-	•	-	•	-	•	-
Hydraulic fan drive	•	•	•	•	•	•	•	•
Hopper sensor (version 5.2 only)	-	-	-	-	•	•	•	•
Total weight (kg)	190	240	165	205	235	285	210	250

Possible adaptations:

	Qualidisc Pro/Farmer		CTC	CLC Evo		CLCpro		
	rigid mounted	fold mounted		trailed	trailed	rigid mounted	fold mounted	
a-drill 200E	•	-	-	-	•	-	•	-
a-drill 200H	•	-	•	•	•	-	•	-
a-drill 500E	•	-	-	-	•	-	•	-
a-drill 500H	•	-	•	•	•	-	•	-



a-drill 500 on Qualidisc Pro T



a-drill 200 on Qualidisc Pro



a-drill 200 on CTC



a-drill 200 on CLCpro Classic



Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package aimed at the professional farming community, covering the areas of soil preparation, seeding, forage and bale equipment, spreading, spraying and electronic solutions for agricultural tractors and machinery.

Original Spare Parts

Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance – whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



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