



For Earth, For Life
Kubota

SH

KUBOTA INTEGRATED SEED HOPPER SH200 / SH500

Stubbling and Seeding in one Pass!



COVER CROPS PROVIDE SOIL

KUBOTA SH200 OR SH500



Cover Crops

There are many reasons to promote the establishment of intermediate crops such as mustard, radish, phacelia or crops mixings in the autumn.

These covering crops will catch the mineral nitrogen in the soil as well as air nitrogen when mixing with leguminous plants and transform it into organic nitrogen. Thus, the nitrogen will still be available for the next crops.

This has also positive impact on the environment as asked for by the nitrate directive of the EU which limits the quantity

of nitrogen in water resources to max. 50mg/l and to 170kg/ha/year.

Moreover, covering the soil in the autumn protects the soil against erosion and improves the soil structure.

Kubota SH200 or SH500

The most efficient way to establish the cover crops in the autumn, is to carry out the drilling directly during stubble cultivation. The drills SH200 and SH500, therefore, have been designed to be combined with the Kubota range of stubble cultivators CU2000 or CU3000 or short disc harrows CD2000 and CD3000.

In addition, the SH200 and SH500 can be used for the drilling of rape or the mix of seeds with various diametres such as leguminous plants and crucifers.

- Mineral nitrogen collection in the soil
- Air nitrogen with leguminous to transform it into organic nitrogen
- Soil covering and avoiding leaching
- Resituate nitrogen for the next crops (1/3)
- Protect and improve the viable soil structure to regenerate the soil
- Avoiding of soil erosion
- Weed and pest suppression
- Increased biological activities

HEALTH AND FERTILITY



SH200 mounted on a cultivator CU3300C



SH200 mounted on a short disc harrow CD2300



ON PASS - INTEGRATED ON C

KUBOTA SH200 OR SH500



The position of the distribution outlet is before the roller. Position and angle are adjustable.



Fans adapted to Seeds, Working Speed and Width

- The SH series 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 for flow rates up to 14 kg/min

ULTIVATOR



Precision and High Work Output

Two models are available depending of the seed rate/ha and the output of the machine: The SH200 will be used for rather small seed sizes with a low seed rate/ha, whereas the SH500 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 wide machines. Both models have 8 outputs which will spread the flow of seeds uniformly over the working width.

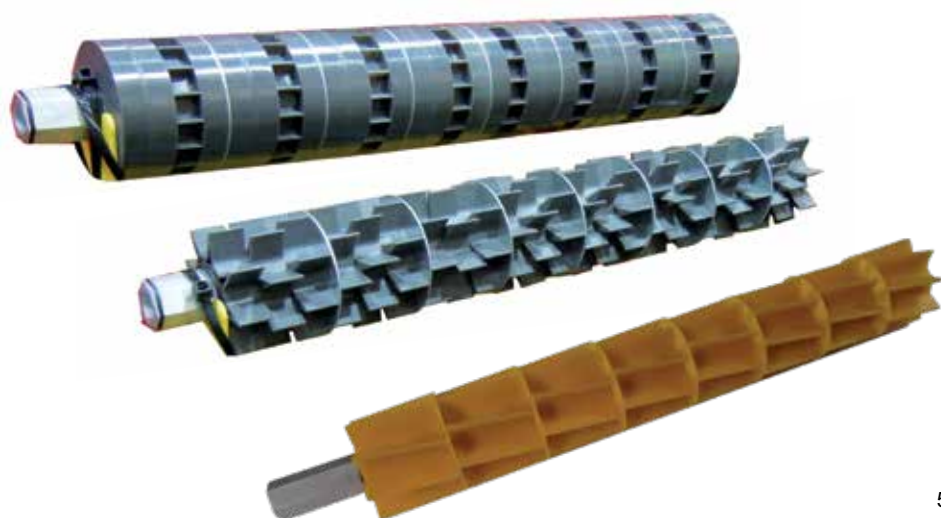
- One pass with combined seeding and tillage reduced fuel and time in the field.
- Seed rate can be adjusted from the cab on the move
- Agitator system
- Delivered with 2 seed metering rotors (one for fine seeds and one for big/normal seeds)
- Regulation plate for accurate adjustment
- 8 outlets for regular spreading over the full working width
- Automatic seed rate test
- Emptying function with control box
- Light machine
- Level sensor on SH500



Standard Fill-level sensor on SH500

Seed Metering Rotors for all Conditions

The SH200 and SH500 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.



ALL UNDER CONTROL



Seed metering adjustment is released from the control box. Two control boxes are available:

- Version 5.2 which monitors and controls flow speed regulation, ha and hour counter, self-diagnosis, etc. It can be connected to a radar or Isobus 7-pin tractor speed information plug.
- Version 1.2 which controls rotor speed, the calibration test, the fan (on/off) and the level sensor.



Control box 5.2



Control box 1.2

TECHNICAL DATA

Model	SH200				
Machine type	CU2000/ CU3000/ CU3000C CU3000CD	CU3000F/ CU3000CF CU3000CDF	CD1000/ CD2000	CD1000F/ CD2000F	CD1000T/ CD2000T
Hopper capacity (l)	200				
No. of spreading deflectors	8				
Control box	Version 1.2 or 5.2				
Electric fan drive	●	●	●	●	-
Hydraulic fan drive	●	●	●	●	●
Hopper sensor (version 5.2 only)	-	-	-	-	-
Total weight (kg)	164 / 184	124 / 144	110 / 115	110 / 115	100

Model	SH500				
Machine type	CU2000/ CU3000/ CU3000C CU3000CD	CU3000F/ CU3000CF CU3000CDF	CD1000/ CD2000	CD1000F/ CD2000F	CD1000T/ CD2000T
Hopper capacity (l)	500				
No. of spreading deflectors	8				
Control box	Version 1.2 or 5.2				
Electric fan drive	●	-	●	●(only 6m)	-
Hydraulic fan drive	●	-	●	●(only 6m)	●
Hopper sensor (version 5.2 only)	●	-	●	●(only 6m)	●
Total weight (kg)	209 / 228	-	153 / 158	158	143

Possible adaptations	CU2000	CU2000F	CU3000/ CU3000C/ CU3000CD	CU3000F/ CU3000CF CU3000CDF	CD1000	CD1000F	CD1000T	CD2000	CD2000F	CD2000T
SH200E	●	●	●	●	●	●	●	●	●	●
SH200H	●	●	●	●	●	●	●	●	●	●
SH500E	●	-	●	-	●	●(only 6m)	●	●	●(only 6m)	●
SH500H	●	-	●	-	●	●(only 6m)	●	●	●(only 6m)	●

NB: The SH200/SH500 are available in solo without stairs and guards to be adapted on any other implements.
They are delivered with 25m of air hoses and reflector plates.

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional and not standard equipment. Please consult your local Kubota dealer for warranty, safety or product information. For your safety, Kubota strongly recommend the use of a seat belt in all applications.

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KUBOTA AUSTRALIA PTY LTD

25-29 Permas Way, TRUGANINA Vic, 3029
Freecall: 1800 334 653
Email: sales@kubota.com.au

Web Site: <http://www.kubota.com.au>