

SDE

Mechanical Trailed Seed Drill for No-Till
3000 - 4500



HIGHER STABILITY AND REVENUE - THE BEST RESULT!

No-Till Mechanical Trailed Seed Drill

SDE 3000 - 4500

Productivity and total utilisation of the sown area Higher stability and effectiveness in the sowing!

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SDE seed drill is a projected machine to reach the maximum result during the sowing, aggregating quality and higher utilization of sown area. With wheeled installed in the back of the machine, it divide part its weight with the tractor, bringing stability to the whole. Moreover, it provides to the total utilization of the width of the chassis as width of work, preventing losses of areas without planting near wire fence, to drain area and the irrigation channels, etc.

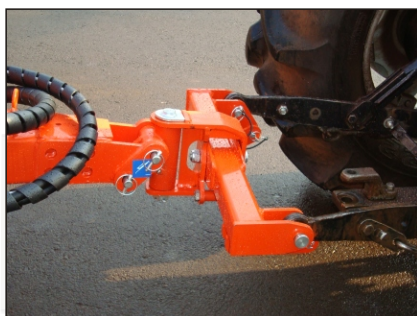
Width



Structurally, the SDE was conceived for Have the utilisation of all the extension width of the machine, possessing in its totality 3 (m) of width, what make it a machine certified for the traffic in public roads,. This dimensional and work size, provide to the SDE the utilization of plantation in regions near to natural or structural obstacles on the localities of the sowing



Draw Bar



Double Hitch: Allows better handling of the machine, optimizing the outline of the headland. absorbs uneven terrain avoiding the transfer of these to your tractor.

BULDING CHARACTERISTICS	3000		4500	
Minimum row spacing (cm)	17 cm	15, 8 cm	17 cm	15,8 cm
Number of rows	17	19	25	27
Seed capacity*	640 at 1040 liters (~ 512 at 832 Kg)		1050 at 1600liters (~ 840 at 1280 Kg)	
Fertilizer capacity	740 at 1140 liters (~ 814 at 1254 Kg)		1100 at 1750 liters (~ 1210 at 1925 Kg)	
Seed distribution	Variated box			
Fertilizer distribution	Helicoidal grooved rotor (chrome-plated)			
Hydraulic equipment of the tractor	1 x DE (1 taking of double effect)			
Tires	400 x 60 x 15,5 / 14 layers - 50 lb (maximum pressure)			
Approximated weight (kg)	~3200		~3260	

Medium specific weight for mineral Fertilizer - 1 liter = 1,10 Kg

Medium specific weight for seed (corn, soybean, etc) - 1 liter = 0,8 Kg

The best solutions for agriculture are offered by the KUHN according to the exigencies, having a principle:



GOOD PRACTICES



COMFORT QUALITY OF LIFE



REDUCTION OF COSTS



PROXIMITY - ADVICE



SERENITY IN THE SERVICES



Transmission and Distribution:

Transmission

The transmission system is made through the varying box. This system allows the reduction of chains and gears. In this way diminishing the weight or the transmission, generating more rapidity and fluidity process.

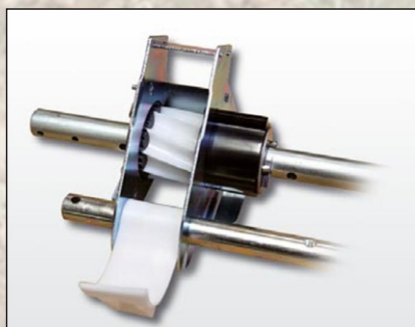
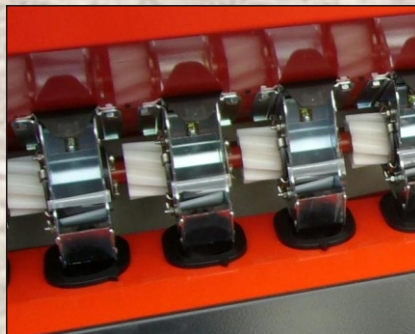
Hopper

Large capacity hopper with movable Partition. The capacity of the seed and fertilizer Can be adjust according to the dosage. Reduces downtime due to emptying of the reservoirs in synchronization.



Seed and fertilizer distribution

- Integrated small seed splines;
- Volumetric application rate: precise and constant;
- All seed sizes and forms are respected;
- Application rate by helical splines;
- Application rate: 0.8 to 450 kg/ha;
- Application rate adjustment byspline opening and selected speed;



Row of the seeding

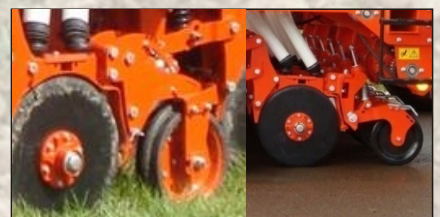


To generate uniformity in the depth of the seeding, the SDE planting rows allow the copying of the soil irregularities of the soil precisely. With a constant attendance of the land surface, its great flotation capacity provides precision on the seed and fertilizer distribution. It is made through the positioning of the springs, giving less or more width in the flotation of the set that accompanies the movement of the pantographs constantly. To provide to the operations more practicality and rapidity, the change of the planting row pressure can be made without use of the tools.

Closing system of the furrow



As Standar double limiter wheels.



The closing system of the furrow can be composed by a compaction system with angular press wheel. As an optional the SDE seed drill can be assembled with a central limiter press wheel.

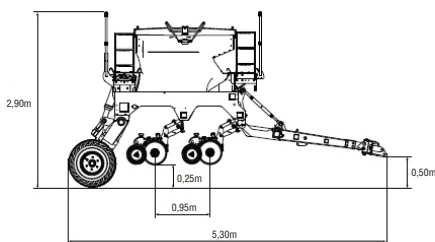
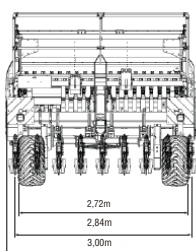
OPERATING CHARACTERISTICS

	3000		4500	
Number of rows	17	19	25	27
Minimum spacing* (cm)	17,6	15,8	17,6	15,8
Work width** (m)	3,00		4,50	
Machine's useful width (m)	2,82	2,84	4,22	4,10
Transport width (m)	3,00		4,50	
Tractor power (with disc)**** (cv)	102	114	150	162
Operating speed (km/h)	at 10			

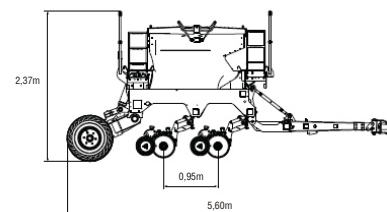
- All of the values listed in the table above are based on the minimum spacing of each model;
- * For information about the mentioned spacing, contact the manufacturer;
- ** Work Width: width between the first and last row, plus one spacing;
- ***Machine useful width: external rows maximum allowed opening within the machine's chassis;
- ****Approximate power: power per row with phase-shifted double disc: 6 cv

Dimension:

SDE 3000

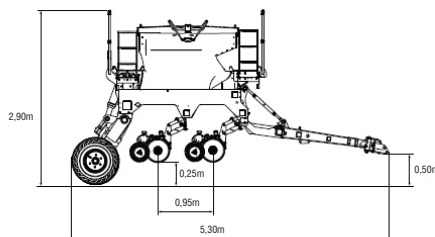
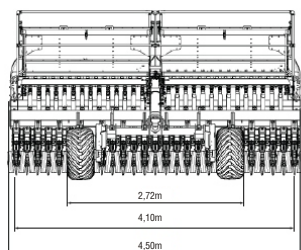


Transport Position

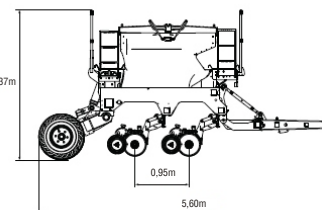


Work Position

SDE 4500



Transport Position



Work Position



"Our products are found to be in compliance with the European Directive - "Machines" in all European Union countries; in other countries, they are in compliance with the safety regulations adopted there. For a better illustration of the details, certain protection devices may have been omitted from our brochures. In these particular cases and in all circumstances they should necessarily be installed in their respective places, in accordance with the existing safety instructions in our instruction manuals. We reserve the right to change all of our models in respect to pieces of equipment and their respective accessories without prior notice. The machines and equipment in this brochure may be covered by minimum patents and /or registered model(s). Trademark".

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