

Mechanical seed drills

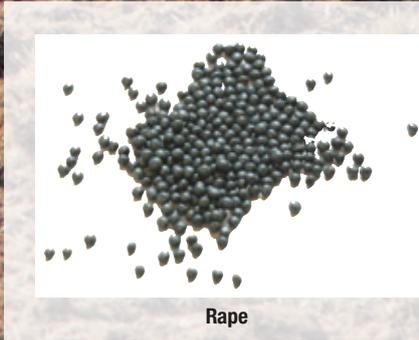
PREMIA



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Rape

PREMIA

MECHANICAL SEED DRILLS

EVERYTHING FOR SEEDING QUALITY



With its long experience in mechanical seed drills, KUHN offers mounted models from 2.50 to 4 m with hopper capacities of 380 to 1,450 l. One model for each small or medium-sized farm!

ALL SEED SIZES WITH ONE MACHINE

You would like to seed several types of seeds while respecting the seeding rate and the distribution in the row? Then you should take a closer look at the HELICA volumetric seed metering by fluted rollers on KUHN mechanical seed drills.

DEMANDING HIGH SEEDING QUALITY

PREMIA seed drills provide high-quality results with seeding units able to seed with adapted coulter pressure, with solutions for mixed soil types and a covering harrow designed to work under variable conditions.

LOOKING FOR AN EASY TO ADJUST MACHINE

KUHN has especially paid attention to easy adjustments and simple access to adjustment points.

PREMIA mechanical seed drills in brief:

	Working widths (m)	Number of rows	Hopper capacity (l)
PREMIA 250	2.50	20	380
PREMIA 300	3.00	20 or 24	480 (780)
PREMIA 3000	3.00	20 or 24	780 (1080)
PREMIA 3500	3.50	24 or 27	900 (1250)
PREMIA 4000	4.00	28 or 32	1,080 (1450)



Wheat



Fava beans

SIMPLY GREAT SEEDING

You can choose from two versions of seeding units appropriate for different cultivation methods and economical requirements. Both adapt very well to various conditions through their high coulter pressure, their guide and press skids or wheels, the possibility to adjust their pressure during operation and their covering harrow with trailing tines. All these features mean: high seeding efficiency and quality in numerous soil types and conditions!



AFTER THE PLOUGH OR STUBBLE CULTIVATOR, OPT FOR THE SINGLE-DISC MODEL

Seeding units are in two rows offset by 32 cm. This means that they work well even in difficult conditions. Coulter pressure is high at 32 kg per unit so you can maintain sufficient seeding depth in hard ground and carry out deep seeding at high speeds. The small angle of the disc reduces soil movement to a minimum when moving forward which is extremely appreciable at high speeds. A cast iron seeding tip, positioned in line with the disc, consolidates the furrow, and positions the seed precisely. The shape of the discs also makes soil penetration easier and ensures that the seeding depth you require remains constant.



SUFFOLK COULTERS, AN ECONOMICAL ALTERNATIVE

The shaped coulters guide the seeds into the ground with great accuracy and work especially well in hard and stony soils. The large distance of 34 cm between the rows limits the risk of clogging. The anti-clogging flap closes the coulter automatically.

EXCLUSIVE



SEEDING DEPTH UNDER CONTROL, EVEN IN MIXED SOIL

Turn the handle to adjust the low-stop and determine maximum seeding depth. This system is a real advantage for combined seeding in mixed soil. It makes it possible for you to work with high pressure while preventing the seeds from going too deep in light soils. The covering harrow with trailing tines is pressure-adjustable to produce great results in any soil type, even in plant debris!

AN EASY-TO-ADJUST, HIGH-CAPACITY SEED DRILL

All adjustment options on the PREMIA models have been designed and placed in a way that they can be carried out quickly and easily.



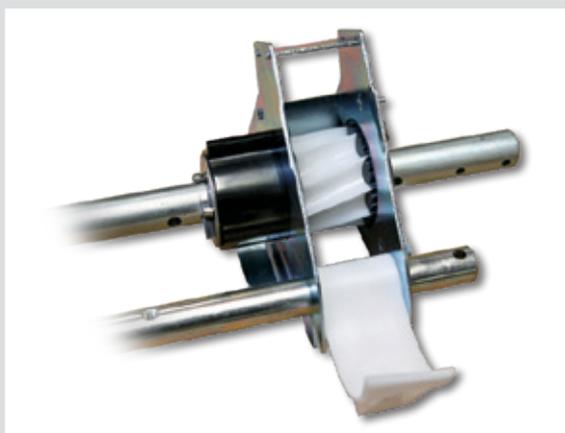
EASY, DIRECT ACCESS TO CHECK FLOW RATE

Flow rate can be checked while the machine is on the ground; it doesn't even need to be hitched to the tractor. Simply flip the lever to get full access for calibration or emptying the hopper. Afterwards set the opening with a micrometric screw and turn it as needed. The flow test is particularly simple to do. A parallelogram system tilts the seeding bar to make plenty of space for the collection bucket.



EASY TO LOAD AND EMPTY, A WELL-DESIGNED HOPPER

This high-capacity hopper can contain up to 1,450 L with extension. To facilitate loading, the hopper has a wide opening and the cover opens to 110°. This is a real advantage when filling by bucket or big bag! Gas springs make it easier to open the cover, even on 4 m-wide machines. PREMIA seed drills have a V-shaped hopper bottom to reduce residual seeds and ensure uniform metering-unit supply and complete emptying. The standard oscillating agitator handles seeds with the utmost care.



HELICA DISTRIBUTION: PRECISE, VERSATILE, RELIABLE

HELICA volumetric seed metering by fluted rollers is suitable for all seed sizes and shapes. The system doses application rates from 1.5 to 450 kg. It is accurate and precise throughout the whole operation. It provides regular seeding rates and distribution in the row, even on slopes and uneven ground, and is unaffected by vibrations. The PREMIA metering system is controlled by the seed drill's two wheels via a 6-cam selector. Uniform rotation ensures reliable control and a regular flow which is ideal for fine seeds at low application rates.

HECTOR 3000: YOUR ELECTRONIC ASSISTANT

HECTOR 3000 electronic control box monitors the main seeding functions. It also manages post and pre-emergence tramlining functions.



TRACK ERADICATORS: FOR UNIFORM PLANTING

An optional set of track eradicators is available for seeding in light soils. They cover the wheel tracks with a fine layer of soil. There is no risk of plant debris clogging them up and no problems in stony conditions.

RYE GRASS AGITATOR

Seed flow can be difficult for some seeds such as rye grass, so as well as the standard oscillating agitator, an additional agitator can be fitted to improve seed flow.



SIDE MARKERS WITH SAFETY SYSTEM

PREMIA seed drills can be fitted with side markers. They are always vertically folding to be out of the way for manoeuvres. They are equipped with the shear-bolt safety system for protection against obstacles. In addition on 3.5 and 4 m versions, they can be folded to reduce height for transport.

Technical specifications

Mechanical Seed Drills

		PREMIA 250	PREMIA 300	PREMIA 3000	PREMIA 3500	PREMIA 4000
Working width (m/ft)		2.50/8'2"	3.00/9'10"	3.00/9'10"	3.50/11'6"	4.00/13'1"
Hopper capacity approx. (l)		380	480 (780 with extension)	780 (1,080 with extension)	900 (1,250 with extension)	1,080 (1,450 with extension)
Filling height approx. (m/ft) without extension		1.25/4'1"		1.42/4'7"		
Agitator		oscillating				
Coulter pressure and hopper level indicators		◆		◆ /HECTOR 3000 (hopper level)		
Linkage		cat.2				
Wheels		6.00 x 16				10/75-15.3
Number of rows		20	20 or 24		24 or 27	28 or 32
Seed spacing (cm/in)		12.5	15/6" or 12.5/5"		14.3/6" or 12.5/5"	
Seed metering		by grooves with built in small seed groove (micrometric screw adjustment)				
Drive		by two wheels and selector				
Seeding units		Suffolk or single disc coulters				
Coulter pressure adjustment		centralized by handle (hydraulic as optional equipment), topsoiling reinforced behind the wheels				
Tractor wheel track eradicators*		◇				
Side markers with safety device*		◇ (vertically folding)				
Road lights*		◇		◆		
Weight approx. with covering harrow at 12.5 cm	Suffolk coulters	550/1,212	575/1,268	680/1,499	870/1,918	1,080/2,381
	Disc coulters	605/1,333	665/1,466	745/1,642	955/2,105	1,145/2,524
Electronic equipment*		HECTOR 3000 control box with metering unit drive monitoring; area, daily and total counters; tramlining control with 2 x 2 rows				
Hydraulic equipment		1 single acting valve for the side markers*				

◆ standard ◇ option - not available

*The basic definition of the equipment may vary according to the country of destination

Optional equipment*: hopper extension for PREMIA 3 and 4 m - half-width shut-off for PREMIA 300 - side markers - pre-emergence markers - application rate adjustment - hydraulic pressure adjustment of seeding units - set of two tractor track eradicators - set of seed drill wheel track eradicators - HECTOR 3000 equipment - loading platform for PREMIA 100 series (required with extension or on disc machine fitted with a press wheel) - press wheel for single disc - adjustable lower stop - Suffolk coulters depth limiting skid - agitator for rye grass - control levers to shut off more than 2 x 2 rows - pivoting lower links - set of road lights - set of side signalling panels - additional hopper for seeding small seeds - automatic tramlining position sensor.



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KUHN PARTS

Designed and manufactured to rival time

KUHN foundries and forge as well as a high-level manufacturing process allow the production of spare parts to defy time. You can truly rely on our know-how and our genuine parts. Farmers benefit from our client support and logistics services via any KUHN PARTS warehouse, which provide quick and reliable repair solutions in cooperation with your nearest authorised KUHN dealer.



PREMIA

300 - 3000 - 4000

SH

30 - 40

SOW DIFFERENT CROPS AT DIFFERENT APPLICATION RATES

SH 30 AND SH 40

With additional SH 30 and SH 40 hoppers, you can seed different crops at different application rates without having to mix them. You have more autonomy with a capacity of 130 litres and can place seeds at the required depth in front of the covering harrow or in its working zone.

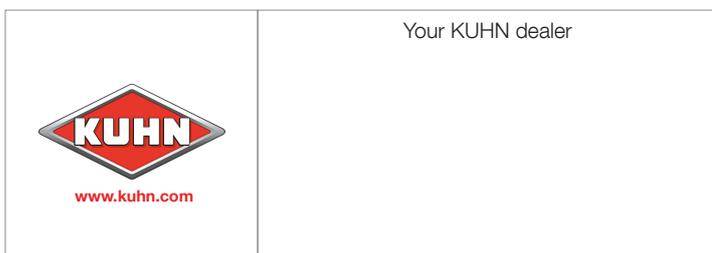
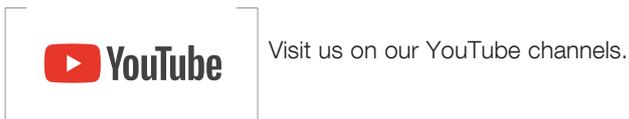


Check out the most complete range of seed drills on the market



1. mounted mechanical 2. integrated mechanical 3. with front hopper 4. integrated pneumatic 5. trailed pneumatic 6. mounted min-till 7. trailed min-till 8. precision seed drills.

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313-325 Foleys Road - Deer Park, VIC, 3023 - AUSTRALIA

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Stafford Park 7 - GB TELFORD/ SHROPS TF3 3BQ

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