

## Mounted Min-Till Seed Drills with Tines

### MEGANT



[www.kuhn.com](http://www.kuhn.com)



be strong, be **KUHN**



MEGANT

# POWERFUL TINES FOR FAST SEEDING

## HOW TO MAKE THE MOST OF YOUR TIME?

Speed is one of the most important keywords of today's farmers when it comes to seeding. Time is precious, ideal weather conditions are short and costs have to be cut. The MEGANT tine seed drill positions your seed fast and regularly in the soil, no matter whether it has been ploughed before or not.

## SEARCHING A SIMPLE, BUT PRECISELY WORKING SEED DRILL

To make your farm more profitable, reducing costs without impairing the work quality is a major issue. With the MEGANT seeding tines, KUHN can offer you a seeding system, which is simple and requires almost no maintenance. Still, it will bed the seed precisely and ensure a good soil-seed contact as well as cover.

## USER COMFORT ALWAYS IS IMPORTANT

Electronic assistants for seed monitoring, easy loading, simple adjustments: These are just some important requirements, the MEGANT models meet in terms of user-friendliness.

## KUHN's MEGANT range in brief:

	Working width (m)	Number of rows	Hopper capacity (l)
MEGANT 480	4.80	36	1800
MEGANT 500	5.00	36	1800
MEGANT 560	5.60	36	1800
MEGANT 600	6.00	40	1800

# GET THE BEST WORK OUTPUT



## SEED UP TO 60 HECTARES PER DAY!

The 1,800 litre hopper can hold up to 1,200 kg of wheat which provides a significant operating range, and working widths of 4.00 to 6.00 m increase daily output potential. The simple design of the MEGANT tine seed drill makes it considerably lighter than other seeding combinations so it can be driven faster with tractors of only 150 hp. All this contributes to optimal daily work output.

## NO MORE STOPS EVEN IN PLANT RESIDUES

With the mounted MEGANT tine seed drill for min-till, the risk of clogging is practically zero. The tines are fitted to four bars with very few components to get in the way of soil flow. The risk of clogging is extremely low even when working in large amounts of plant residues. Seeding-depth adjustment is easy with the multi-hole pin selector.



## EASIER SEEDING ALONG THE PLOT BORDER

Rear-folding side markers facilitate seeding along plot borders, close to hedges and trees. They are fitted with an obstacle-clearance safety system, as standard. Large-diameter discs (41 cm) make soil marking and driving easier, and four extra-large wheels provide the seed drill with great load-bearing capacity.

# GO FOR SIMPLICITY AND PRECISION

## GREAT OUTPUT QUALITY WITH THESE SEEDING TINES

The seeding tines are mounted on an exclusively-designed beam with polyurethane blocks. The tines are specially profiled to provide good soil penetration and stability. This ensures regular seeding depth and around 15 cm of vertical travel range to avoid large obstacles, and as it is not affected by tine vibration it also ensures regular seed flow. The seeding tines enable you to work quickly and with great results in terms of planting quality. Seeding rows are cleared of plant residues and soil penetration is excellent even with reduced ground pressure. You can seed on ploughed or min-tilled land thanks to the simple design and maintenance requirements are low. Fuel consumption and power requirement are also reduced.



## THE SECRET TO IMPROVED SOIL/SEED CONTACT

The rear roller improves ground-hugging on very irregular ground. Seeding depth is constant and germination is improved due to better seed-soil contact. The MEGANT seed drill rests on both its front wheels and rear roller. It follows ground contours independently of tractor movements. The roller has individual wheels (less power requirement) mounted on elastomer blocks that are capable of clearing obstacles when necessary. It follows a covering harrow designed to close the seeding lines.

## PERFECT COVER IDEAL FOR HIGH-SPEED SEEDING

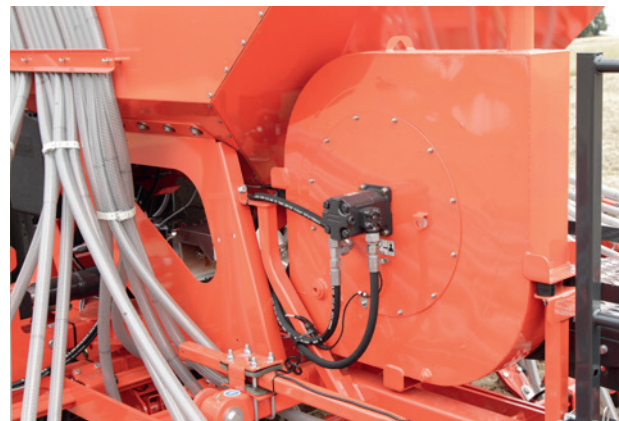
The covering harrow is fitted with two rows of flexible tines. The first row fills the furrow after the last row of seeding tines and the second one finishes the seedbed and covers the seeds. The trailing-tine concept makes it easier to pass through plant debris. Two track eradicators with shear-bolt safety and adjustable depth and spacing are fitted as standard.



# YOUR COMFORT IS IMPORTANT

## POWERFUL BLOWER WITH INDEPENDENT HYDRAULIC-CIRCUIT DRIVE SYSTEM

The blower is driven by the machine's independent hydraulic circuit. It is directly connected to the PTO output with a pump. It can run from 750 to 1,000 rpm. It has no U-joints and no risk of clogging at high application rates or speeds. The blower is dust-resistant and consumes less fuel when working at lower engine speeds.



## PRACTICAL AND USER-FRIENDLY ELECTRONIC CONTROL WITH THE QUANTRON S-2 CONTROL BOX

Electronic control of your machine comes as standard with the QUANTRON S-2 control box. Different functions can be monitored on the colour screen such as the electrically-driven distribution system, the blower, minimum seed level and side markers. For seeding management, you can start distribution up and stop it directly, adjust the application rate (kg/ha) while working and change it instantly without recalibrating. You can access factory setting tables for 14 different varieties and calibrate the seed drill with an electric motor. Setting tables for 30 different seed types can be saved, which makes your job so much quicker and easier. The daily counter shows the number of hectares, hours worked and quantity sown. It can store up to 200 plots by name, seed type, quantity sown, hours worked and start/end dates.



## EASY TO CLEAN AND ACCESS

The distribution head and tubes of the MEGANT seed drill are located on the outside of the hopper to make filling and cleaning easier. This is very practical when changing seed varieties! The foldable frame design and the position of the metering unit ensure easy access for adjusting or emptying residual seeds. In folded position, the metering unit is fully accessible: no need to step over components to do a flow check or empty the hopper.



Specifications	MEGANT 480	MEGANT 500	MEGANT 560	MEGANT 600
Hopper capacity approx. (l)	1800			
Filling height approx. (m/ft)	2.15 / 7'1" from the ground			
Working width (m/ft)	4.80 / 15'7"	5.00 / 16'4"	5.60 / 18'4"	6.00 / 19'7"
Transport width (m/ft)	2.95 / 9'7"			
Width in working position with markers folded (m/ft)	5.29 / 17'4"		6.29 / 19'8"	
Attachment	3-point, cat. 2 and 3			
Number of rows	36			40
Row spacing (cm/in)	13.3 / 5.24"	13.9 / 5.47"	15.5 / 6.10"	15 / 5.91"
Blower drive	either by independent hydraulic circuit driven from 750 to 1,000 min-1 or the tractor's hydraulics			
Seeding units	tine coulter with point in aggressive or trailing position			
Underbeam clearance (cm/in)	50/20"			
Seeding depth adjustment	through the wheels			
Wheel dimensions	26/12x12			
Covering harrow	◆			
Tractor track eradicators*	◆ (2, bolt safety, adjustable in depth and spacing)			
Side markers with safety*	◆ (folding to the rear)			
Lighting equipment*	◆			
Weight (kg/lbs)	2,040 / 4,497	2,110 / 4,562		2,150 / 4,740
Electronic equipment*	QUANTRON S-2 box including electric metering unit drive, gear engaged by the seed drill wheel or cable connected to the tractor radar.			
Necessary hydraulic equipment	1x DA for the side markers 1x DA for machine folding, also used to set the pressure in the accumulator 1x DA for the front levelling bar (option) 1x SA with free return when blower is driven by tractor hydraulics (option)			
Hydraulic selector*	◇ (used to control the front levelling bar, folding and accumulator pressure functions with only 1 DA hydraulic valve)			

\*The basic definition of the equipment may vary according to the width and destination.

◆ standard ◇ option -- not available

**Optional equipment:** front levelling bar - half-width shut-off - blower drive by the tractor's hydraulics (when tractor fitted with Load Sensing, 40 l/min at 80 bars) - pre-emergence markers - circuit selector - set of two extra track eradicators - twin wheels - cable to connect the QUANTRON S-2 to the tractor's radar signal - covering harrow with two rows - covering harrow with press wheel.

## A LOT OF OPTIONS TO CHOOSE FROM



### FRONT LEVELLING BAR WITH HYDRAULIC INDEXING

Seeding depth has never been so constant.



### TWIN WHEELS

Central or complete set of twin wheels available for light soils.



### STRAIGHT SEEDING TINES

For stony soils.

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# KUHN EASYMAPS

## GAIN PRECISION AND MAKE YOUR LIFE EASIER!

With KUHN EasyMaps, you can view your dose modulation map and your position on the plot directly on your smartphone or tablet. KUHN EasyMaps shows you the dose needed depending on your position on the plot, allowing you to adjust the settings manually on your machine.

*Don't have it yet?*

*Download the application on the Apple Store or Google Play*



Available on the  
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ANDROID APP ON  
**Google play**

**KUHN EasyMaps**



## 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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