

KÖCKERLING

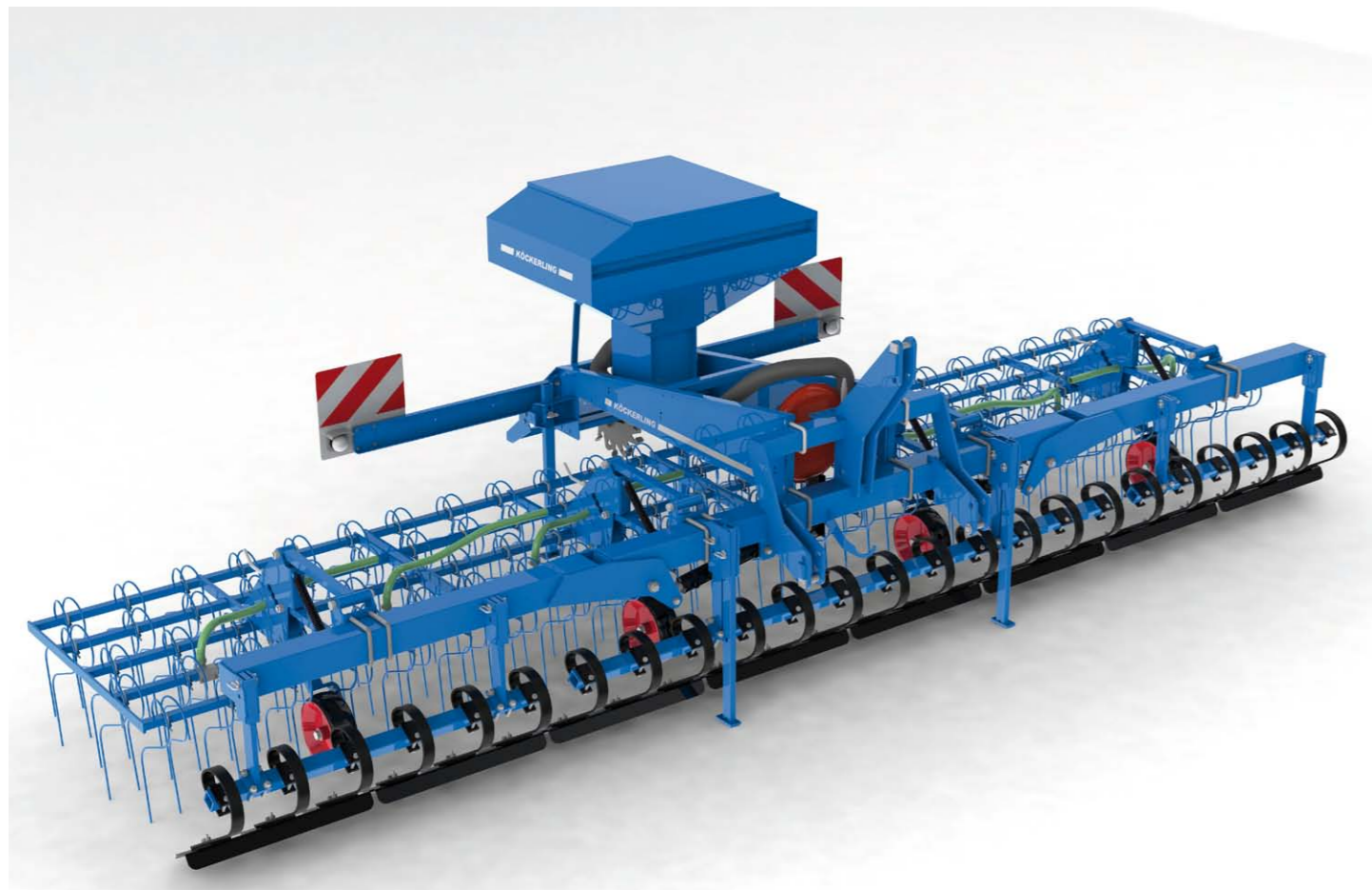
Grasmaster



Grasmaster - The professional leveller, aerator, re-seeder and over seeder for all pastures

In cereal growing output is increasing and is given management time. In grassland output has not received the attention it needs. With earlier silage making there is no chance of selfseeding. To compensate over seeding keeps outputs high and eliminates poor quality meadows grasses from re-establishing themselves. Overseeding extends the productive life of leys.

In dry years or when fields have been poached weeds often fill the gaps left lowering output. The dead grasses at the bottom must be removed before successful over seeding can take place. Successful over seeding needs three elements. The correct technology, the right grass mixture and the know how as to when and how. We are pleased to advise on this.



Overseeding

The most difficult weeds in grassland are docks and meadow grass. When the sward has full coverage, these weeds have no chance. By scarifying the sward, particularly after a dry period, the dead material in the bottom is removed. Check your meadow and follow these rules:

Harrowing

Aerate the sward with the GRASMASTER to remove dead grass. Any mole-hills are levelled and dung pats broken. One pass before over seeding and one pass when sowing should be sufficient. The GRASMASTER can evenly distribute FYM. The shallow rooting meadow grass can be controlled by harrowing. Dock seeds can lie dormant up to 60 years and are often activated by slurry. Never harrow docks when they are carrying seeds. Aggressively harrowing docks in the spring damages the leaves but the deep root is untouched.

Rolling

Roll in early spring and again after over seeding.

Sowing

Sowing can be carried out after first cut or in early autumn after the last cut. Do not over seed in a dry period or in frosty weather, as germination will be affected. The sown rate for over seeding ranges from 15-25kgs/ha and reseeding at 40kgs/ha. Consult your seed supplier for the best mixture for your area. Grass seed requires light, soil contact and moisture. Move the old sward or graze with sheep, this allows the germinating seed to get established without being shut out by the existing sward.

Success for continuous activity

Trials have shown that over seeding can produce up to 30% more quality grass. This in turn reduces costs. (Source DL Trifolium Ltd).



Docks ...



... meadow grass



Sward damage after a dry period



Unbeatable Value ...



Tines designed specifically for grassland

Previously used weeder tines are often weaker and limited in the working effect. By using the spring vertical double tine the effect on the sward is intensified. The 8mm thick tine is strong enough to withstand the heaviest of work. The curved tine top allows the vertical leg to move in every direction levelling and tearing out dead grass. 60 tines per tine field produce a tine spacing of 2.5cm.



Parallelogram ground contour control

Each tine field individually follows the ground contours independently from its neighbour. This ensures that the whole field is worked equally even at high speed. The ground contour following of the tines field when sowing new lays or rape is unbeatable.



Intense vertical effect

A crank on the wheel/parallelogram can adjust the working depth and the aggressiveness. Aggressive settings are ideal for aerating pastures. Less aggressive settings are particularly suitable for re-seeding. Selection is quick and simple.



Hydraulic sowing cut out

By pressing a button the sowing operation can be interrupted. An hydraulic cylinder lifts the spoked land-wheel and the seed metering wheel drive is stopped. This allows the machine to be used as a scarryfyer or seeder / scarryfyer as and when conditions dictate.

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Technical Data

Working width	3,00 m	6,00 m	8,00 m
Transport width	3,00 m	3,00 m	3,00 m
Tine fields	2	4	6
Tines per field	60	60	60
Tine Ø	8 mm	8 mm	8 mm
Tine spacing	2,5 cm	2,5 cm	2,5 cm
Weight	820 kg	1000 kg	1323 kg
Pneumatic Seeder			
Capacity	410 ltr	410 ltr	410 ltr
Standard Specification	<ul style="list-style-type: none"> - PTO driven fan drive - Land wheel metering wheel drive - Metering wheels to suit all seed types. - Seed hopper with 410 ltr capacity - Lights 		
Options	<ul style="list-style-type: none"> - Height adjustable cross boards - hydraulic seed drive wheel interupter 		

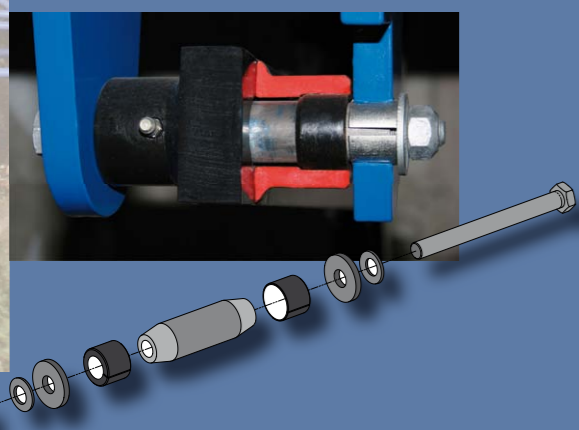
URGENT: Fastening „LockPin“

LockPin is a permanent solution for mechanical pivots. Equally effective and reliable in agricultural machinery.

Pivots will begin to wear in all machinery and equipment. Even with close original tolerances, the holes in the lugs will become oval over time. The wear process will accelerate.

When the fasteners are tightened, the slitted sleeves are pushed down over the tapered ends of the axle, expanding parallelly to lock the LockPin in the pivot.

With the LockPin in your machinery pivots the problem of wear belongs to the history books. The wear problem is eliminated. Double sided locking increases stability and safety. Fitting and dismounting is simple.



Cross-boards levellers

When working in swards with molehills or dried dung pats the height adjustable cross-boards level the molehills and break up the dung pats leaving a much better finish. When sowing new leys the cross-board breaks clods and takes out tractor wheelings. Good mole hill distribution by the cross board levellers. Firstly the top of the mole hill is moved and then the tines even the remaining soil out. The cross boards are not fixed over the whole width of the machine with it being divided up into sections. This allows optimum adaption to the ground contours.



Professional Drill

Fertiliser spinners do not allow precise sowing and calibration; they are affected by side winds that further reduce the accuracy. Often expensive seed is wasted. The GRASMASTER drill offers four advantages:

- The seed rate can be precisely calibrated whether re-seeding or over seeding.
- A land wheel drives the seed metering via a co-axial cable. This allows automatic starting and stopping when the GRASMASTER is lifted or lowered.



- The operator is always aware how much seed is in the seed hopper by a window.



- High wind volumes, due to a pto shaft drive at 540 rpm, provide excellent seed distribution from the diffusers above the ground.



Result

The precision of the GRASMASTER allows sowing of grass and other seeds such as Rape and other seeds.



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KÖCKERLING have a policy of continuous product development and reserve the right to modify or alter products at any time.

Your dealer

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