



For Earth, For Life
Kubota

MD

KUBOTA MECHANICAL SEED DRILL **MD1000MP**

The professional seeding solution



FOR BEST SEEDING



RESULTS



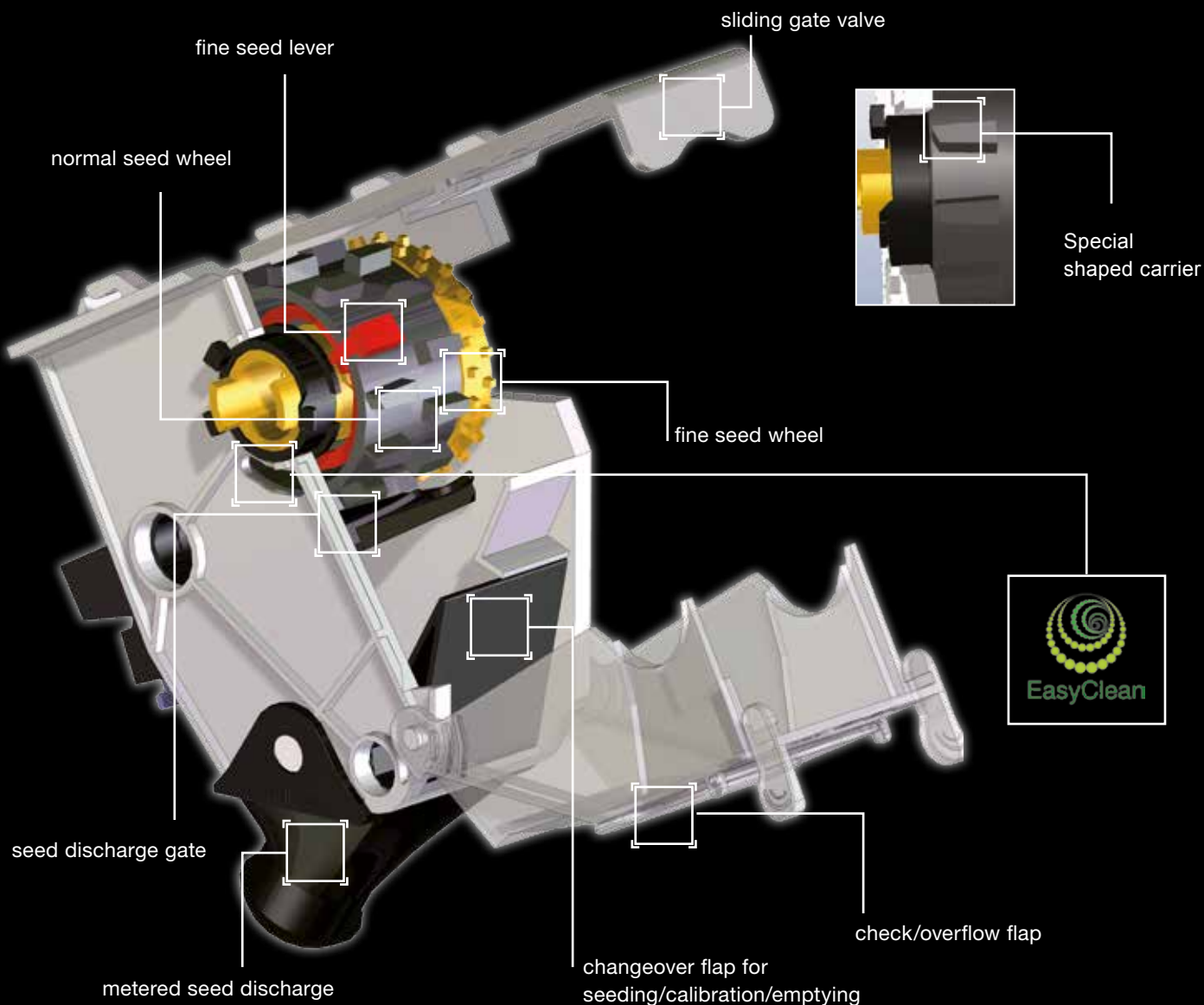
FLEXIBILITY AND PRECISION

The MD1000MP is an integrated cultivator-mounted seeder for direct combination with a robust and reliable Kubota power harrow.

The MD1000MP offers many advantages:

- Reliability – The well tried and tested CX coulters for seeding in ploughed or cultivated soil is available.
- Versatility – Seed quantities of 1–400 kg/ha are possible with the change from normal to fine seed settings – without the need of any tools.
- Performance – Hopper extensions increase the capacity to 1510 litres.

THE METERING SYSTEM



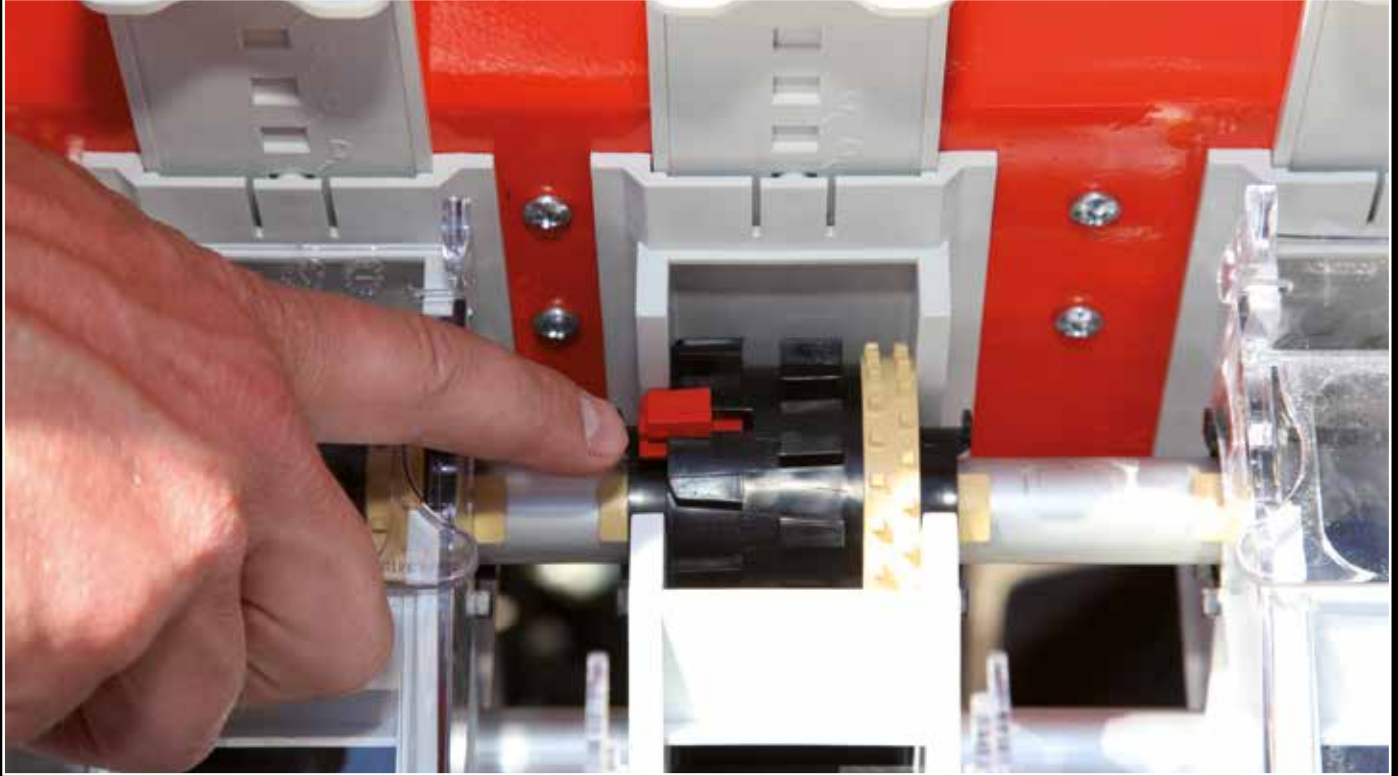
The metering system

The basis for excellent seeding results is provided by the mechanical metering system which can deliver seed quantities between 1–400 kg per hectare. The specially shaped seed discharge-gate safeguards an even flow of both normal and fine seed. The metering wheels can be set to fine seed in next to no time. An additional flap allows the operator to switch between calibration, seeding and emptying without having to remove any hoses or discharge hoses beforehand.

Additional spaces at the housing and at the cell wheels facilitate the cleaning process (EasyClean) and the control of the metering device, increasing the durability at the same time. The special form of the cell wheel carriers as well as the optimum positioning of the cell wheel within the housing ensure a reliable seeding also of larger seeds. For individual adjustment, each metering device can also be shut-off individually by shut-off slide. A half width shut-off is standard on all machines along with a range of possible tramlining systems.



The calibration tray is fitted with an additional emptying aid.

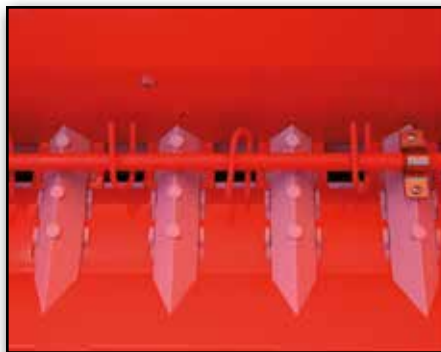


The seed metering system

The seed metering system provides quantities of between 1–400 kg/ha. The change from normal to fine seed is done easily and quickly without the need for any tools. The cell wheels are protected against moisture and dust by the calibration trays.



The continuously variable transmission and the seed quantity adjustment are easily accessible and very easy to operate.



The tank baffles direct the seed to the metering system; thus hardly any seed remains in the tank between the metering units. This also helps to prevent seed from “sliding to one end” when drilling on slopes. The special tank geometry ensures reliable operation even at low hopper levels. Additional special installations are not required.

ADVANCED IN EVERY



The MD1000MP can be detached very easily from the roller and power harrow. The seeder can then rest securely on parking supports.



The working depth of the power harrow is easily adjusted on both sides of the machine for a constant harrow and seeding depth.



As soon as the MD1000MP is lifted, an integrated brake immediately stops the land wheel – and prevents over seeding on the headland.

Y DETAIL



Most of the familiar options for the Kubota seed drills are also available for MD1000MP series:

CX disc coulters with narrow or wide press wheels, S-tine following harrows, half width shut off, FGS and Signus tramlining systems, and many other options for your own operating requirements.



The special tank design safeguards an optimum seeding even of small quantities, e.g. rape, without the need for additional tank installations.

Thanks to its full width opening, the tank can be easily filled manually, with big bags or with a front loader. Hopper extensions can increase the base capacity to more than 1.510 litres (4m version). The robust steel hopper cover protects the seed from dirt and rain.

Mechanical level indicator on the seed tank (electronic version available)



The pressure and angle of the following harrow can be set manually to the soil conditions. The setting tool is provided as standard.



The placement depth of the seed coulter is set at the central coulter pressure adjustment.



In addition to the standard mechanical version a hydraulic coulter pressure adjustment is available that can be operated from the tractor cab to adjust the coulter pressure on the move according to soil conditions.

PERFECT SEED PLAC



CX-disc coulters with wide press wheel (65mm)



The FGS tramlining system switches and regulates the tramlines. Manual correction to the tramline position is provided as standard. An optional tank reserve indicator can be integrated.



The electronic seeder controller Signus (option) provides the following advantages: (1) The seeding quantity can be adjusted from the tractor; (2) Sensors monitor the function of the meters; (3) Three hectare meters (day, season, total) are integrated

CEMENT



The CX disc coulters consist of a convex steel disc for forming a narrow seed furrow and a flexible plastic disc that cleans the steel disc and keeps the furrow open. The CX disc coulters can be fitted with narrow or wide seed press wheels. These ensure an optimum seed soil contact and moisture capillary action - especially with fine seed in dry conditions.



CX-disc coulters with narrow press wheel (26mm)



The hydraulic coulters bar lift is available as an option. It allows the power harrow to be used alone without the need to dismount the drill. The coulters bar is simply lifted out. This automatically disengages the land wheel and so deactivates the metering drive.

OPTIONAL EQUIPMENT



Hydraulic, vertically pivoting track marker



The tank reserve indicator is height adjustable



Mechanical hectare meter



Pre-emergence markers



Hydraulic coulters pressure adjustment



Following harrows



Loading steps and platform



Toolbox



Lighting equipment

TECHNICAL SPECIFICATIONS

Model	MD1300MP	MD1400MP
Working width (m)	3.0	4.0
Number of coulters	24	32
Transport width (m)	3.0	4.0
Weight (kg)	780 - 1.270	990 - 1.345
Tank capacity	600 l	820 l
Hopper extension	◦ (500)	◦ (690)
Hydraulic, vertically pivoting track marker	◦	◦
Changeover to fine seed (without tools)	•	•
Seed quantity from 1-400kg/ha	•	•
Mechanical level indicator	◦	◦
Mechanical hectare meter	◦	◦
Half side shut off	•	•
FGS tramlining system	◦	◦
SIGNUS tramlining system	◦	◦
CX disc coulters	◦	◦
Pre-emergence marker	◦	◦
Central coulter pressure adjustment (mech.)	•	•
Hydraulic coulter pressure adjustment	◦	◦
S-type following harrow (10mm)	◦	◦
Loading steps / platform	◦	◦
Coulter bar disengage	◦	◦
Lighting equipment	◦	◦

* Weight of standard machine with CX coulters and finger weeders (depending on the rotary harrow type)

• standard, ◦ optional, - not available for this type



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.

© 2015 Kverneland Group Soest GmbH

