



AMAZONE

Rotary harrow **KE 02 Rotamix**



KE 02-240 Rotamix rotary harrow

Power output up to
240 HP

In **3 m** working width with **12** tine carriers
or in **4 m** working width with **16** tine carriers

With
DirectDrive gearbox

The advantages at a glance:

- + Low lifting power requirement due to weight-optimised design
- + Compact construction due to reduced tine carrier diameter
- + Robust design as the tine carrier and shaft are forged from one piece
- + With Quick+Safe-System – the proven quick tine change system and integrated stone release
- + Comfortable adjustment via the universal setting tool
- + Easy setting of the levelling board – thanks to being guided via the roller, no readjustment for the working depth is necessary
- + Optional hydraulic working depth adjustment from the tractor cab
- + Good crumbling due to 4 tine carriers per metre working width
- + Direct power transmission and long service life thanks to DirectDrive gearbox
- + High-performance due to power output of up to 240 HP
- + The versatile roller programme offers the right choice for any soil type



With

QuickLink

quick coupling system

Quick-System

quick change tine system

+ Safe-System

integrated stone release



KE 3002-240 Rotamix



SEE THE VIDEO FOR MORE DETAILS
www.amazone.net/ke02

Rotamix and Quick+Safe system

The optimum combination for your rotary harrow

The Rotamix system – short, compact and two extra tine carriers

The KE 02-240 has 4 tine carriers per metre working width. The incoming power is evenly distributed across these rotors. The trailing tines produce an excellent crumb structure and perfectly level the soil surface. The new KE 02-240 with Rotamix demonstrates the benefits primarily on heavy ground and is ideal for optimum seedbed preparation, especially after ploughing.

The 4 tine carriers per metre working width means a small spur gear diameter. As a result, it makes a very compact design of the rotary harrow trough possible. The short design

of the rotary harrow reduces the leverage effect on the tractor. This means any harrow-mounted seed drill is positioned very close to the tractor when used in combination. The lift power requirement is lower than that of other rotary harrows, which also makes a positive impact on the need for front ballasting.



KE 3002-240 Rotamix
with 12 tine carriers

Quick-System

Quick change tine system

The tines are simply pushed into the sockets of the tine carrier and secured with a lynch pin. It couldn't be easier or quicker. There are no tine fixing bolts that require retightening. The tines are forged from special hardened steel and are yet elastic and extremely wear-resistant.

Safe-System

Integrated stone protection

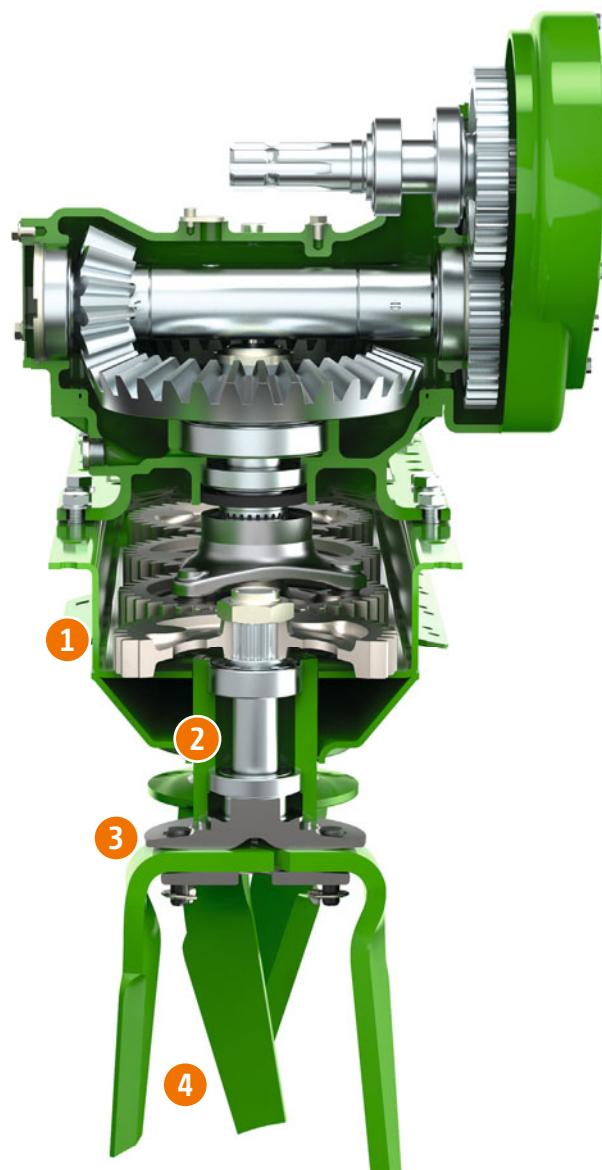
The sprung tine fixing system allows the tines to yield when stones are encountered. The tines are firmly clamped in the socket through the centre of the tine carrier. This socket becomes wider towards the outside, so that the horizontal part of the tine can twist out of position. Much of the shock is thus absorbed when the tip of the tine hits a stone. This tine fixing system ensures safe operation in stony soils.

DirectDrive

High-performance drive – no power redirection, direct transmission of power

Higher tractor horsepower categories with the DirectDrive gearbox

At the heart of the new KE 02-240 is the DirectDrive gearbox, via which the higher power input is transmitted directly to the spur gears driving the rotary harrow tines. As in the case of the KX and KG rotary cultivators, there is no power redirection thus ensuring excellent low-wear power transmission. The rotary harrow can be used at PTO shaft input speeds of 540/750/1000. Exchange gear sets for other rotor speeds are possible.



- ① **Compact spur gear trough with a robust construction**
Spur gears with reduced diameter, slim design, robust 45 mm shaft diameter, 6 mm trough wall thickness and a double-skinned trough bottom
- ② **Tine carrier forged from one piece**
- ③ **Quick+Safe system: Quick change tine system with integrated stone release**
- ④ **Trailing, 290 mm long KE tines**

The roller programme

Not too much and not too little – localised reconsolidation

SW cage roller

520 mm Ø

The SW cage roller is a reliable, inexpensive entry-level roller with a particularly low weight. Reconsolidation takes place transverse to the direction of travel with good crumbling and an open surface structure.

- ✓ Reconsolidation at depth
- ✓ Extremely lightweight entry-level roller, ideal for smaller tractors
- ✓ Good crumbling and a guaranteed self-driving effect



PW tooth packer roller

500 / 600 mm Ø

The PW tooth packer roller has a good self-driving effect and, with its leading teeth, offers a good reconsolidation across the entire surface. The tooth packer roller is extremely versatile due to these features.

- ✓ Reconsolidation across the entire soil surface
- ✓ Runs blockage-free on sticky soils and where there is a lot of straw
- ✓ As standard with hard metal coated, wear resistant scrapers
- ✓ Low mounted scrapers ensure a smooth soil surface even in wet soil conditions

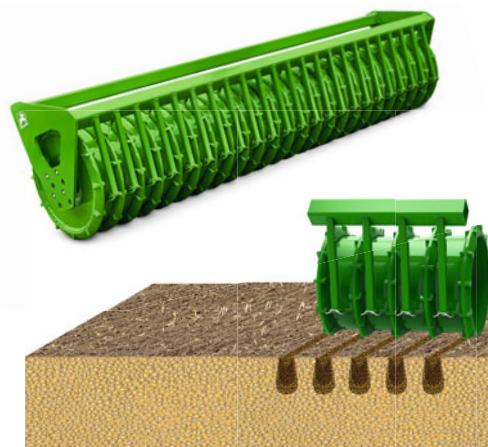


Seed drill combinations – better from a single source!

TRW trapezium ring roller 500 mm / 600 mm Ø

With its trapezium shaped rings, the TRW trapezium ring roller offers strip-wise reconsolidation. Due to its good carrying ability, the trapezium rings are prevented from sinking in too deep on light soils.

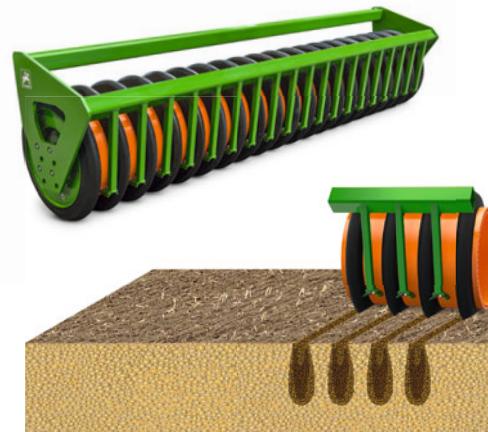
- ✓ Good carrying ability
- ✓ Reconsolidation in strips
- ✓ Sufficient fine soil
- ✓ As standard with hard metal coated, wear resistant scrapers



KW wedge ring roller 520 mm / 580 mm Ø

The KW wedge ring roller has a wide range of applications. Its design ensures reconsolidation in strips in almost all soils under any conditions. There is no chance of sticking, clogging or blocking up.

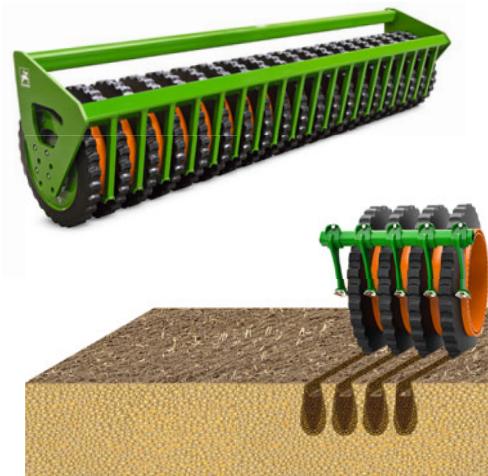
- ✓ Universal use in all soils and conditions
- ✓ Reconsolidation in strips
- ✓ Even in heavy soils, sufficient loose soil is available for optimum seed coverage
- ✓ Ideal for any weather, wet or dry
- ✓ Smooth coulter travel due to the pre-formed seed furrow



KWM wedge ring roller with Matrix tyre profile 600 mm Ø

The KWM wedge ring roller provides an extremely good self-driving effect with its Matrix tyre profile. The roller produces more fine soil for the seedbed due to the Matrix tyre profile.

- ✓ Reconsolidation in strips
- ✓ Matrix tyre profile for improved self-driving effect
- ✓ Improved crumpling even under tough conditions
- ✓ Smooth coulter travel due to the pre-formed seed furrow
- ✓ Ideal for any weather, wet or dry



AMAZONE – the world champion in seed drill combinations!

QuickLink quick coupling system

for the Cataya, Centaya, Avant 02 and Precea-A harrow-mounted seed drills



KE 3002-240 rotary harrow with Precea 3000-ACC Super precision air seeder

Thanks to the intelligent QuickLink quick-coupling system for all harrow-mounted drills and seeders, the sowing combination can be separated with ease in just a few minutes. The three easily accessible coupling points of the QuickLink

system ensure a safe, tool-free and fast coupling and uncoupling process. As a result, the soil tilling machine is also perfect for solo use.



Cataya
drill combination



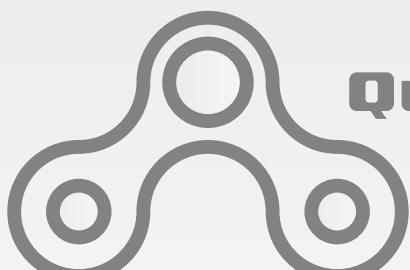
Centaya
drill combination



Avant 02
drill combination with front tank



Precea-A
precision air seeder



QuickLink



QuickLink quick coupling system



Soil tillage implements

KE rotary harrow
KX/KG rotary cultivator
CombiDisc compact disc harrow

Rollers

PW tooth packer roller
TRW trapezium ring roller
KW wedge ring roller
KWM wedge ring roller
 with Matrix tyre profile

Seed drills

Cataya conventional harrow-mounted seed drill
Centaya pneumatic harrow-mounted seed drill
Avant 02 pneumatic harrow-mounted seed drill
Precea-A precision air seeder

The AD and AD-P Special harrow-mounted seed drills and the D9 mounted seed drill can also be very easily and quickly connected to the various soil tillage implements from AMAZONE without the need for tools via different interfaces or the "Liftpack" system.



AD
drill combination



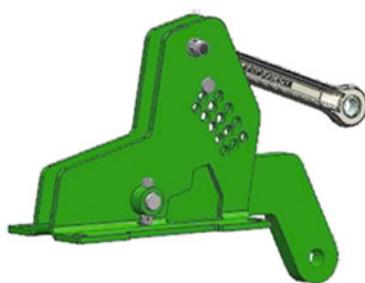
AD-P Special har-
row-mounted seed drill



D9
mounted seed drill

Equipped for precision and comfort!

For more performance



Manual working depth adjustment

Since the roller and the levelling board are guided in parallel, the working depth can be set very easily and independently. The working depth can be comfortably tailored to the field and operating conditions without the need for tools by means of a quadrant giving the finest of settings.



3-point headstock with extendable lower links

Extendable lower links allow the KE 02-240 to be individually aligned for any tractor size. This also facilitates attachment of tractor wheel mark eradicators. Furthermore, the lower links can be adjusted to the standard dimensions of CAT 3 or CAT 3N.

Hydraulic working depth adjustment

The optional hydraulic working depth adjustment of the KE 02-240 rotary harrow offers the driver even more comfort and possibilities. This allows the rotary harrow to be easily tailored to the field and operating conditions from the tractor cab whilst on the move. A scale ensures optimum control of the working depth.

Tractor wheel mark eradicators

The optional tractor wheel track eradicators are useful on compaction-sensitive soils and for reduced working depths. The position of the tractor wheel mark eradicators can be adjusted horizontally and vertically. The overload safety device ensures a constant trip force. The narrow, diamond and wing shares are available as soil-engaging points.



Hydraulic depth adjustment



Tractor wheel mark eradicators



- !** “The roller now guides the levelling board for height. So, readjustment is not necessary when the rotary cultivator is allowed to work deeper.”

(“dlz agrar magazine” Mechanics meets Electronics · 01/2017)

- !** “The depth of the lower wear plate can be comfortably readjusted: slacken the bolts and push the plate into the desired “notch”, retighten bolts – finished.”

(“dlz agrar magazine” Test report Cataya Super · 01/2017)

Levelling board

The levelling board levels the soil flow between the tines and the roller and presses obstacles downwards. With the universal operating tool, the height of the levelling board can be adjusted with ease.

The benefits:

- ✓ Independent height control parallel to the roller
- ✓ Integrated overload safety protection allows for upward evasion
- ✓ Optionally, the levelling board can also be removed

Side plates

The newly-developed side plates are spring-loaded. Thanks to their suspension, the side plates can be adjusted via a slotted hole and easily exchanged when worn. The universal setting tool supplied as standard is all that is needed to make the adjustment.

The benefits:

- ✓ Convenient depth adjustment
- ✓ The spring-loaded guidance makes upward evasion possible

Track markers on the soil tillage implement

When using the optional track markers, we recommend mounting them directly on the implement. The forward mounting position not only optimises the centre of gravity of the implement but also allows them to be used in solo operation.

Lights for road travel

The optional rear and front lights for road use mean that the rotary harrows comply with all the requirements for safe transport.





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KE 02-240 Rotamix rotary harrow

Model	Working width (m)	Transport width (m)	Power requirement from (kW/PS)	For tractors up to (kW/PS)	Number of tine carriers	Basic weight without roller from (kg)	Basic weight with roller KW 580 from (kg)
KE 3002-240	3.00	3.00	66/90	176/240	12	968	1425
KE 4002-240	4.00	4.00	66/90	176/240	16	1150	1950



Illustrations, content and technical data are not binding! Deviations of technical data are possible depending on the level of equipment. The illustrations may deviate due to the requirements of local road traffic regulations.



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