

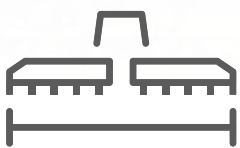


AMAZONE

Rotary harrow ***KE 02 Rotamix***



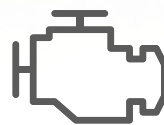
KE 02 Rotamix rotary harrow



2.5 to 6 m



4 tine carriers per metre of
working width



Up to 400 hp



Up to 10 km/h

The advantages at a glance:

- ⊕ Low lifting power requirement due to weight-optimised design
- ⊕ Direct power transmission and long service life thanks to its DirectDrive gearbox
- ⊕ Robust, with the tine carrier and shaft forged from one piece
- ⊕ Good levelling due to 4 tine carriers per metre of working width – the Rotamix system
- ⊕ Compact build due to a small tine carrier diameter
- ⊕ With Quick+Safe system – the proven quick change tine system and integrated overload protection
- ⊕ Comfortable adjustment via the universal setting tool
- ⊕ 3 metre transport width even with the 6 metre working width thanks to the compact folding frame

MORE INFORMATION

www.amazone.net/ke02



KE 02 PRODUCT FILM
Find out more



KE 02-2 PRODUCT FILM
Find out more

Discover the possibilities

Always the right machine

The wide variety of KE 02 Rotamix rotary harrow models enables AMAZONE to offer reliable rotary harrows tailored to your needs. Combined with a seed drill, or for solo use, the soil tillage implements stand for uncompromising reliability and quality.

With various models of roller available, it is possible to specify a complete unit of soil tillage and drill that are perfectly matched to the prevailing soil conditions.

KE 02-150 Rotamix

Model	Power input (hp)	Working width (m)	QuickLink
KE 2502-150	up to 150	2.5	✓
KE 3002-150	up to 150	3	✓

KE 02-240 Rotamix

Model	Power input (hp)	Working width (m)	QuickLink
KE 3002-240	up to 240	3	✓
KE 4002-240	up to 240	4	✓

KE 02-190 Rotamix

Model	Power input (hp)	Working width (m)	QuickLink
KE 3002-190	up to 190	3	✓
KE 3502-190	up to 190	3.5	✓
KE 4002-190	up to 190	4	✓

KE 02-2-400 Rotamix

Model	Power input (hp)	Working width (m)	QuickLink
KE 6002-2-400	up to 400	6	-

KE 3002-150 rotary harrow





KE 3002-190 rotary harrow



KE 3002-240 rotary harrow



Rotary harrow KE 6002-400: not in combination with a seed rail

Rotamix and Quick+Safe system

The optimum combination for your rotary harrow

The Rotamix system – close-coupled, compact and robust

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

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

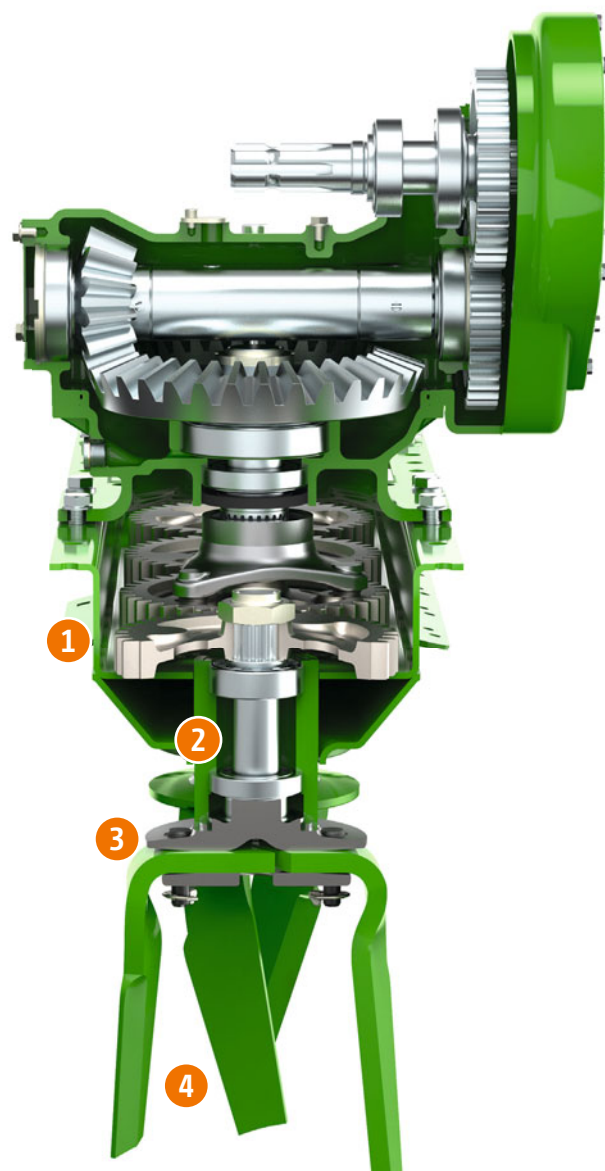
The sprung tine fixing system allows the tines to yield when stones are encountered. The tines are firmly clamped in the socket through the centre of the tine carrier. This socket becomes wider towards the outside, so that the horizontal part of the tine can twist out of position. Much of the shock is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

DirectDrive gearbox

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

Higher tractor horsepower categories

At the heart of the new KE 02 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, thereby ensuring excellent low-wear power transmission. The main gearboxes are mounted on both wings of the folding KE 02-2. The rotary harrow can be used at PTO shaft input speeds of 540/750/1000. Exchange gear sets for other rotor speeds are possible. Higher speeds improve the crumbling performance.



- 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**

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.

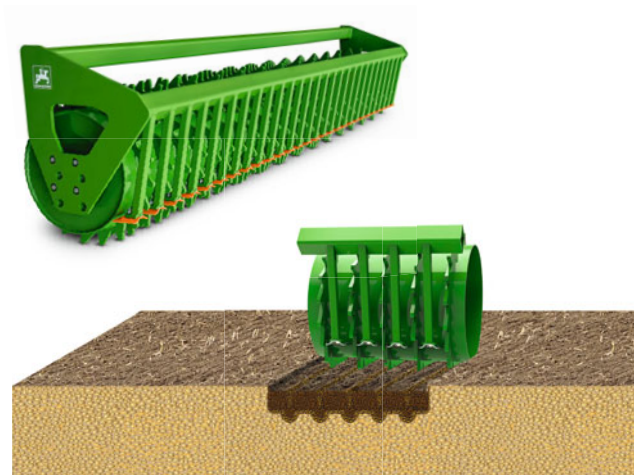
- ✓ Reconsolidation at depth
- ✓ Extremely lightweight entry-level roller, ideal for smaller tractors
- ✓ Good crumbling and a guaranteed self-driving effect



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 scrapers ensure a smooth soil surface even in wet soil conditions

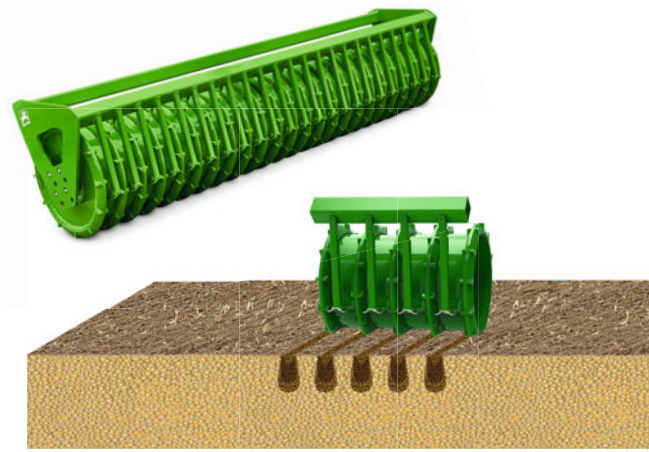


Seed drill combinations – always better from a single source!

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.

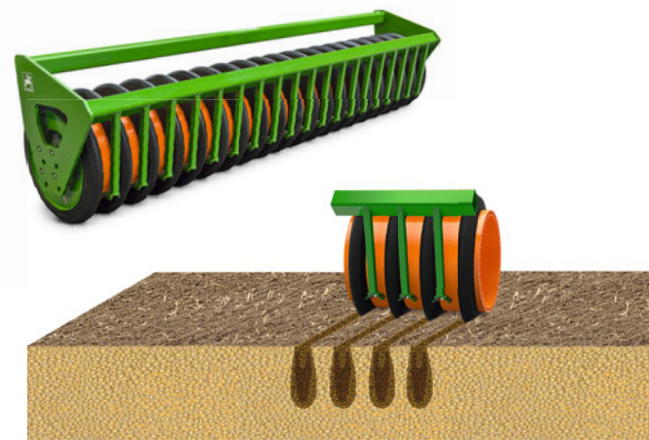
- ✓ Good carrying ability
- ✓ Reconsolidation in strips
- ✓ Sufficient fine soil
- ✓ As standard with hard-metal coated, wear resistant scrapers



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.

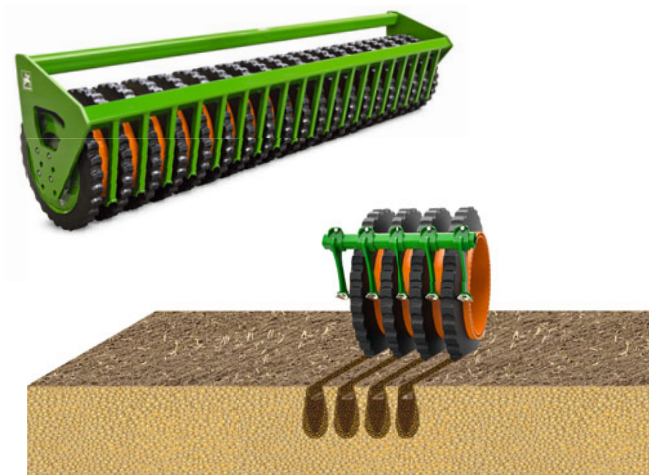
- ✓ Universal use in all soils and conditions
- ✓ Reconsolidation in strips
- ✓ Sufficient loose soil is available for optimum seed coverage, even on heavy ground
- ✓ Ideal for any weather, wet or dry
- ✓ Smooth coulters travel due to the pre-formed seed furrow



KWM wedge ring roller with Matrix tyre profile 600 mm Ø

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

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



AMAZONE – the world champions in seed drill combinations!

Equipped for precision and comfort!



3-point headstock with fixed lower link supports

The headstock of the KE 02-150 and KE 02-190 has Category 3N fixed lower link supports. The load capacities are slightly lower than those of the headstock of the KE 02-240. As a result, it cannot be combined with the Centaya Super. On the other hand, the headstock can be optimally combined with the familiar "Liftpack" system.



3-point headstock with extendable lower link supports

Extendable lower links allow the KE 02-240 to be individually aligned to any tractor size. This also facilitates attachment of tractor wheel mark eradicators. In addition, the lower links can be adapted to suit linkage dimensions of Cat. 3 or Cat. 3N.

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. Mechanical working depth adjustment is available for all KE 02 models.



Hydraulic working depth adjustment

The optional hydraulic working depth adjustment for all rigid KE 02 models 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.



Hydraulic depth adjustment



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

(“dlz agrar magazine” Mechanics meets Electronics · 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 movement upwards
- ✔ Optionally, the levelling board can also be removed

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.

Lighting kits 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.



- ❗ “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)

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 movement upwards possible

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.



Tractor wheel mark eradicators

QuickLink quick coupling system

Quick combination changeover for rigid models



KE 3002-190 with Centaya 3000 Special

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 tillage machine is also perfect for solo use. Seed drills with a mechanical fan drive can also be used in combination with the KE 02 thanks to the PTO through drive shaft.



Cataya Special, Cataya Super drill combinations



Centaya Special, Centaya Super drill combinations



Avant 02 drill combination with mounted front hopper



Precea-A precision air seeder



QuickLink quick coupling system

**Soil tillage implements**

KE 02 rotary harrow

KX/KG rotary cultivator

CombiDisc compact disc harrow

Rollers

PW tooth packer roller

TRW trapezium 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 front hopper seed drill

Precea-A precision air seeder

The AD harrow-mounted seed drill 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



D9 mounted seed drill

KE 6002-2 Rotamix rotary harrow

6 m folding for solo use



The KE 6002-2-400 Rotamix is approved for tractors up to 400 hp and is characterised particularly by its high output and very good crumbling.

High work rates

With the KE 6002-2-400, AMAZONE is offering a new machine, which has been developed primarily for high work rates. The rotary harrow is very effective, thanks to its working width of 6 m. Quick folding to a 3 m transport width also ensures rapid and safe transport between fields. The KE 6002-2-400 is designed for solo use and thus cannot be coupled to a seed rail.

Higher tractor horsepower categories possible with the DirectDrive gearbox

There is no power redirection in the gearbox of the new KE 6002-2-400 Rotamix, thereby ensuring excellent low-wear power transmission. A DirectDrive gearbox is mounted to both side wings. The rotary harrow can be used with a PTO speed of 1000 rpm. Exchange gear sets enable the tine carrier speed to be adapted to the different soil conditions.

Combination options for the rigid machines

Model	Lower link mounting	D9 (Liftpack)	AD Super	Cataya Special	Cataya Super	AD-P 01 Special	Centaya Super	Avant 02	Precea ACC
KE 2502-150	rigid	✓	✓	–	–	–	–	–	–
KE 3002-150	rigid	✓	✓	✓	✓	✓	–	✓	–
KE 3002-190	rigid	✓	✓	✓	✓	✓	–	✓	–
KE 3502-190	rigid	✓	✓	–	–	✓	–	–	–
KE 4002-190	rigid	✓	✓	✓	✓	✓	–	✓	–
KE 3002-240	extendable	✓	✓	✓	✓	✓	✓	✓	✓
KE 4002-240	extendable	✓	✓	✓	✓	✓	✓	✓	–

KE 02 Rotamix / KE 02-2 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	Base weight without roller from (kg)	Base weight with roller KW 580 from (kg)
KE 2502-150	2.50	2.50	48/65	110/150	10	970	1,390
KE 3002-150	3.00	3.00	55/75	110/150	12	1,040	1,530
KE 3002-190	3.00	3.00	59/80	140/190	12	1,040	1,550
KE 3502-190	3.50	3.50	66/90	140/190	14	1,120	1,700
KE 4002-190	4.00	4.00	66/90	140/190	16	1,260	1,930
KE 3002-240	3.00	3.00	59/80	176/240	12	1,060	1,580
KE 4002-240	4.00	4.00	66/90	176/240	16	1,280	1,950
KE 6002-2-400	6.00	3.00	140/190	294/400	24	2,800	3,840

Packer rollers

Model	Cage roller		Tooth packer roller						Trapezium ring roller			Wedge ring roller				Wedge ring roller with Matrix profile		
	SW 520		PW 500			PW 600			TRW 500	TRW 600		KW 520*	KW 580			KWM 600		
Working width (m)	3.00	4.00	2.50	3.00	4.00	3.00	3.50	4.00	3.00	3.00	4.00	3.00	3.00	3.50	4.00	3.00	3.50	4.00
Diameter (mm)	520		500			600			500	600		520	580			600		
Base weight from (kg)																		
with 12.5 cm row spacing	–	–	–	–	–	–	–	–	534	638	828	339	521	593	668	529	606	669
with 15.0 cm row spacing	280	359	327	385	500	521	598	675	494	592	–	–	481	–	–	500	–	–
with 15.4 cm row spacing	–	–	–	–	–	–	–	–	–	–	759	–	–	–	603	–	–	638

*only for row spacings of 12.5 cm and a working width of 3 m

Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.



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