



AMAZONE

Drill combination ***Avant***



Avant: drill combination with front tank for conventional and mulch sowing



❗ “Don’t worry about the harvest,
but about the right cultivation of your fields.”

(Confucius circa. 500 BC)

Soil tillage, reconsolidation, quality seedbed preparation, accurate, even seed depth, even coverage as well as leaving wheel mark-free well-structured fields after sowing: These are all pre-conditions for a higher seed emergence and an optimum yield. All these tasks are carried out perfectly by the Avant pneumatic drill combination.

All from one source: just make a choice from a modular system of various soil tillage implements, rollers, coulters, harrows and modern, in-cab operator terminals to choose from.



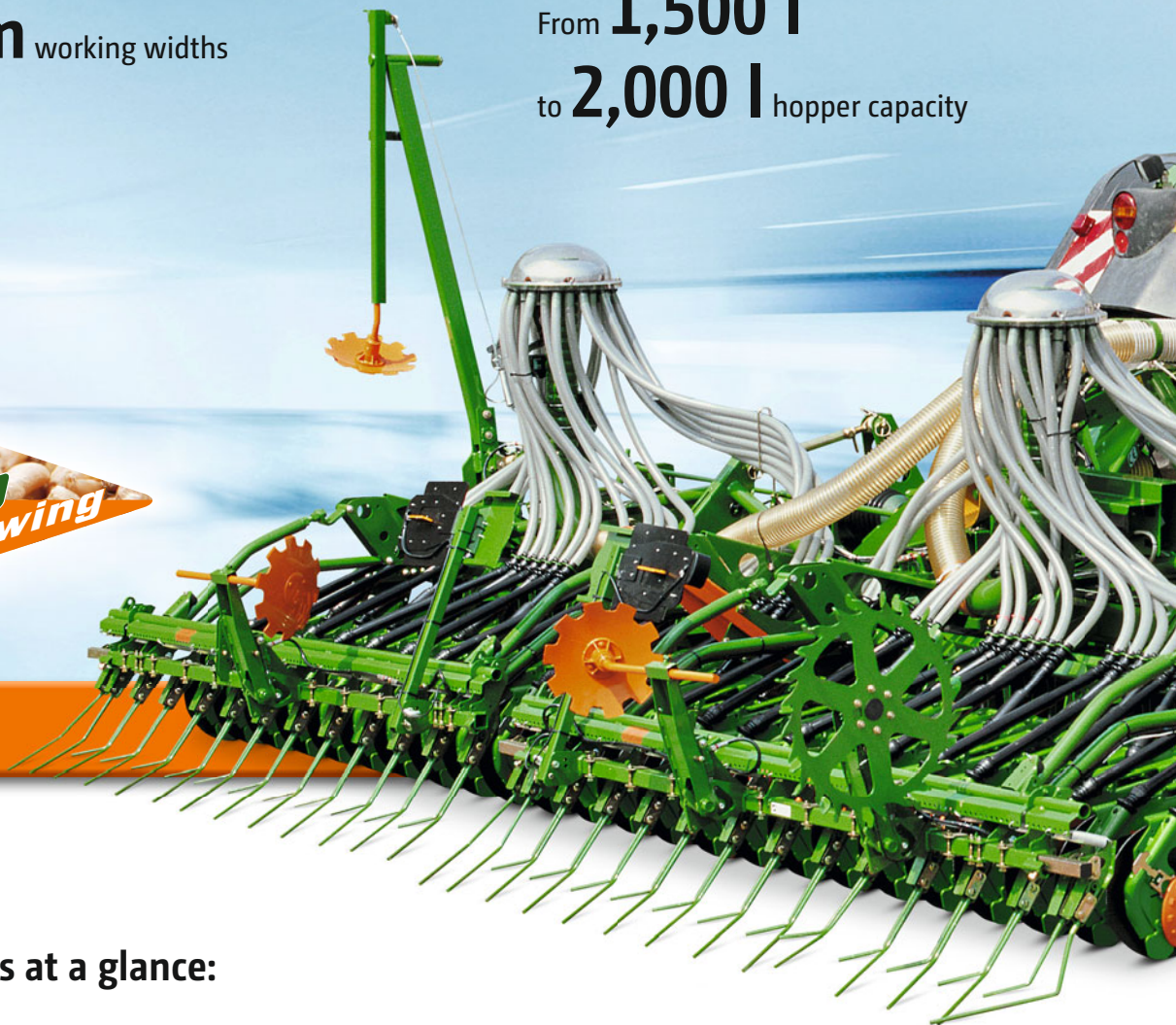
Avant front tank drill combination, in 6 m working width

Avant

	Page
The advantages at a glance	4
Front tank design Precise metering drive	6
Perfectly metered Translucent distributor head and tramlining control	8
Control AmaTron 3 GPS-Switch	10
Sowing following the plough or mulch sowing with pneumatic seed drill combinations	12
Folding rotary cultivator	14
Long-Life-Drive and Quick + Safe System	18
Rollers	20
RoTeC Control coulters	22
RoTeC and RoTeC ⁺ coulters Exact following harrow	24
Avant execution Technical data	26

In **4 m, 5 m**
and **6 m** working widths

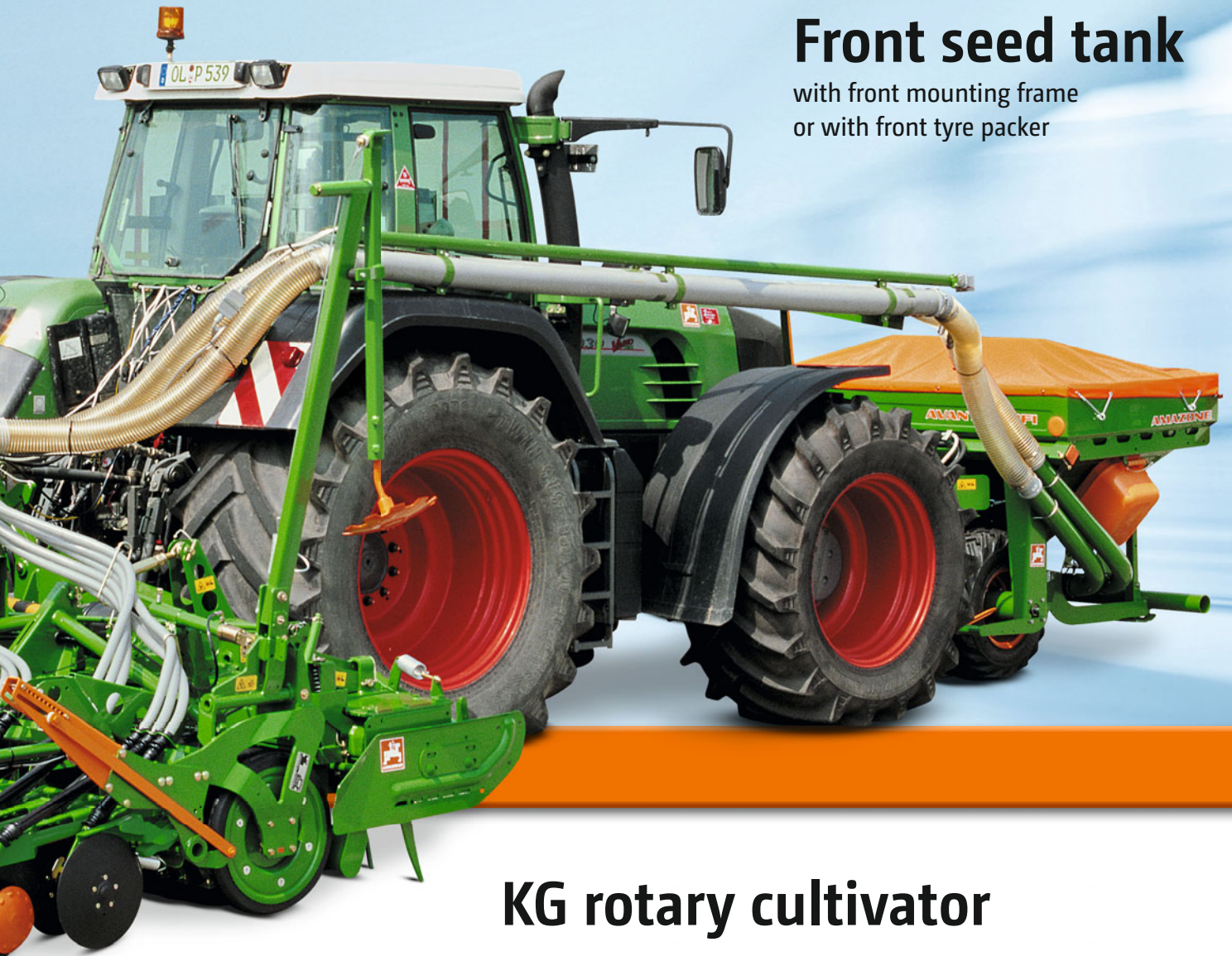
From **1,500 l**
to **2,000 l** hopper capacity



The advantages at a glance:

- ⊕ Maximum flexibility: combination of rotary cultivator and RoTeC coulter system, suitable for conventional and mulch sowing
- ⊕ Good use of the tractor linkage points: tool-less fitting of the front tank and the rear combination to the tractor in just a few minutes
- ⊕ Excellent manoeuvrability on the road and in the field
- ⊕ Comfortable road travel and 3 m transport width even with a 6 m combination
- ⊕ Even loading of the tractor axles
- ⊕ Quick changeover times between individual fields further increases profitability: Just fold up hydraulically, drive on to the next field, unfold and start work!
- ⊕ Easy filling of the front tank due to good access
- ⊕ Good access to the metering system means a quick and simple exchange of the metering wheels
- ⊕ Optional electric metering drive – easy calibration and seed rate adjustment on the move

Exact harrow^{and} Exact harrow S



Front seed tank

with front mounting frame
or with front tyre packer

KG rotary cultivator

RoTeC Control^{or} RoTeC⁺ Control coulters

Wedge ring roller^{or} tooth packer roller

High work rates and first-class sowing performance: with these outstanding features the Avant folding seed drill combinations prove their specific strength, especially in farm overlapping operations. In larger working widths of 4 m, 5 m or 6 m, the professional end user can profit from the modular build design. The front linkage of the tractor is sensibly made use of by the seed hopper. Additional weights are not necessary. So, with the seed hopper mounted on the front and the rotary cultivator, packer roller and sowing coulters on the rear of the tractor, the result is a manoeuvrable combination with an optimum weight distribution that provides high outputs even in small fields.



FOR FURTHER INFORMATION
www.amazone.net/avant

Front hopper with up to 2,000 l capacity

With or without self-steering tyre packer

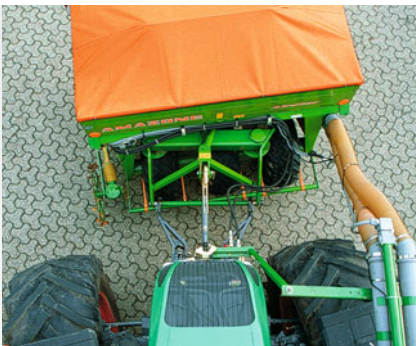


FPS front seed hopper
with self-steering front tyre packer

FPS front seed hopper with front tyre packer: the front tyre packer gives additional reconsolidation of the area left in between the tractor wheels. With its self-steering packer, driving around bends is simply possible.

FRS front seed hopper with front mounting frame: when specified without the tyre packer, the FRS front seed hopper is carried on the tractor's front linkage system. If necessary, additional ballast weights can also be added to the front hopper.

The front mounted seed hopper has been designed to be wide and low so as not to obstruct the driver's view. The same applies to the visibility to the rear, where the lack of a seed hopper makes for an uncluttered view of the rear mounted implements.



Precise metering drive

Simple adjustment and comfortable calibration



6 m Avant with twin-tip front tank and mechanical metering drive via a star wheel for two distributor heads



6 m Avant with twin-tip front tank and twin electric metering drives for two distributor heads

On the precise, mechanical metering drive, the star wheel, in conjunction with the Vario gearbox, ensures a consistent drive of the metering unit on the seed hopper.

Available as an option: electric seed rate adjustment via AmaTron 3.

The emptying of the seed in the hopper is quickly and simply done via the quick emptying device which is fitted onto the hopper and is easily accessible.

For emptying any residual amounts, a slide is opened and the hopper contents emptied into the large calibration tray.

The cassettes of the seed metering system can easily be exchanged. This allows the precise and gentle metering of all seed types and seed rates with excellent distribution along the row even at high forward speeds.

As an option, the metering drive of the Avant can be regulated electrically via AmaTron 3. In conjunction with the electric drive, calibration is comfortable and fully automated. The electric drive also offers additional functions, such as, for instance, the pre-metering of the seed in field corners and the increase and decrease of the seed rate during operation.

Front hopper	Single-tip Front tank		Twin-tip front tank	
	FRS 104 with front mounting frame	FPS 104 with front tyre packer	FRS 204 with front mounting frame	FPS 204 with front tyre packer
Rear combination	Avant 4001-2		Avant 5001-2	
Number of metering units/distributor heads	1		2	
Hopper capacity without extension (l)	1,500		1,500	
Hopper capacity with extension (l)	2,000		2,000	

Perfectly metered

Metering cassettes for almost any type of seed

Special metering cassettes for different application rates precisely and gently deliver the seed up to the distributor head. The three metering cassettes supplied as standard cover up to 95 % of all seeds. Additional cassettes, for instance for maize or special crops, are also available.

The interchangeable metering cassettes are suitable for the following application rates: fine seeds (approx. < 15 kg/ha), medium sized seeds (approx. < 140 kg/ha), normal seeds (approx. > 140 kg/ha).

Hydraulic blower fan drive

A highly-efficient hydraulic motor drives the blower fan for the seed delivery. Modern tractors are equipped with sufficient hydraulic valves which, independent of the engine speed, provide a constant oil flow and thus fulfil all the parameters for hydraulic drive.



✔ Metering cassettes for various types of seed

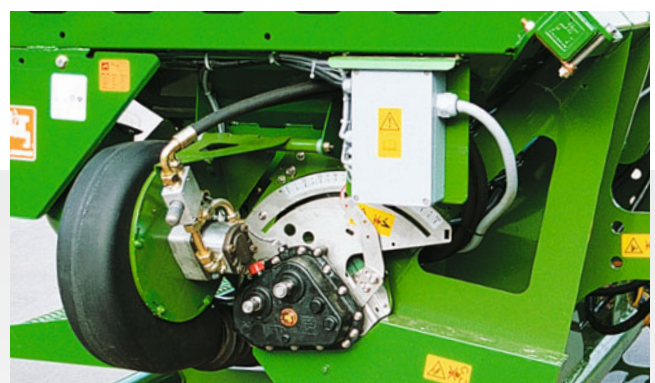
- 7,5 ccm: e.g. for rape
- 210 ccm: e.g. for barley, rye, wheat
- 600 ccm: e.g. for spelt, oats, wheat



✔ Optional metering cassettes

- 20 ccm: e.g. for lucerne, mustard, stubble turnips
- 120 ccm: e.g. for catch crops, maize and sunflowers
- 700 ccm: e.g. for beans, peas, soya, fertiliser, green manure, maize, sunflowers

The new high performance blower fan is characterised by its low oil requirement of just 25 l/min at 3,500 rpm and minimum noise emission.



Translucent distributor head and tramline control

Variable tramline control

The 6 m Avant features 2 distributor heads on which 2 x 6 seed rows per tramline can be closed. So, at a coulter spacing of 12.5 cm, 87.5 cm wide wheel tracks can be created.

On the 4 m and 5 m Avant, only one distributor head is used. With this distributor head, 2 x 4 seed rows can be closed off on each tramline, resulting in a wheel track of 62.5 cm.

In this way, AMAZONE takes into account the demands of wider and wider tyres on the crop husbandry tractor.



Translucent distributor head

The translucent distributor head ensures the permanent monitoring of the seed flow and therefore it is located outside the seed hopper within full view of the operator.

When creating tramlines, the amount of seed is reduced accordingly by the electric metering device. Seed delivery to the tramline coulters is interrupted as soon as the electric motor closes the relevant seed tubes in the distributor head.

Seed pipe monitoring

Another useful system to assist the driver is the optionally available seed pipe monitoring which detects immediately any blockages down at the coulter and in the tube. Directly after the distributor head, sensors monitor the seed flow in the seed pipes. Any incorrect switch-over of the tramline rhythm is automatically detected by the system. Especially on long working days, the monitoring is an elegant solution to help keep an eye on the working performance.



AmaTron 3 operator terminal

Machine overlapping operation

On the Avant, the AmaTron 3 operator terminal looks after the control of all important functions. This includes the operational functions as well as the basic machine set-up and adjustment, such as for instance, calibration.

AmaTron 3 is a machine overlapping operator terminal for seed drills, fertiliser spreaders and sprayers, ensuring optimum rate control and comfortable operation.



One for ALL!



AmaTron 3

The electric metering drive of the AD-P and the Avant allows simple calibration routines and the individual changes of seed rate. The comprehensive electro-hydraulic control via AmaTron 3 makes for simple control and the easy implementation of any machine adjustments.

The operator terminal controls the drill as well as monitoring the tramline functions. This also includes a sensible obstacle solution for the track markers. With the new Task Controller,

jobs can be conveniently prepared on the farm PC and then, via a USB Stick, transferred to the terminal where they can be processed. AmaTron 3 and the Avant enable the fields to be drilled part-area specifically via Shape files. The forward speed of the unit is determined by a radar-generated signal.

GPS-Switch for Avant

Accurate placement of the seed

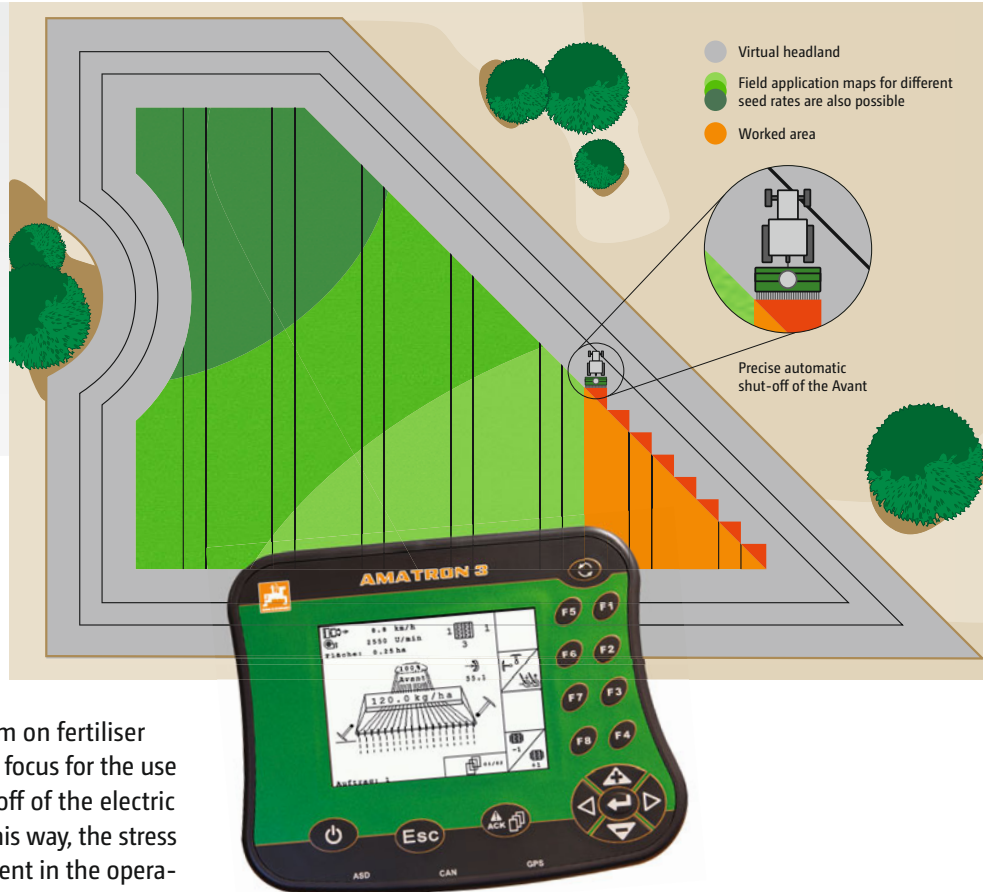
After the success of the GPS-Switch system on fertiliser spreaders and sprayers, sowing now is the focus for the use of this technology. The switching on and off of the electric metering system is controlled via GPS. In this way, the stress on the driver is reduced and an improvement in the operational performance is achieved especially in small fields with many headland turns.

GPS-Switch controls, dependent on the position of the seed drill and the adjustments by the driver, the switch-on and off points of the electric metering unit of the Avant. In this way, for the 6 m Avant, control of 3 m sections is possible via the switching off of one electric metering unit.

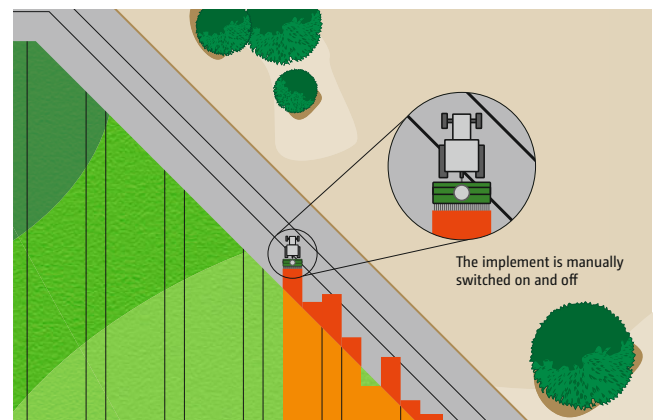
In this way, during practical operation, the often found over or under-sown areas in critical spots, such as on the headland or in wedges can be minimised. Sowing 'gaps' are now things of the past! The driver can fully concentrate on driving and can operate the drill independently to achieve a neat transition.

Saving seed and higher work rates: with GPS-Switch now applicable to sowing, the classic method of raising the drill to switch it off and which leaves some seed on the surface and gives more chances of misses is avoided so that the sown seed is better placed. For a better optimisation of the switch-on and switch-off points, AMAZONE recommends RTK accuracy.

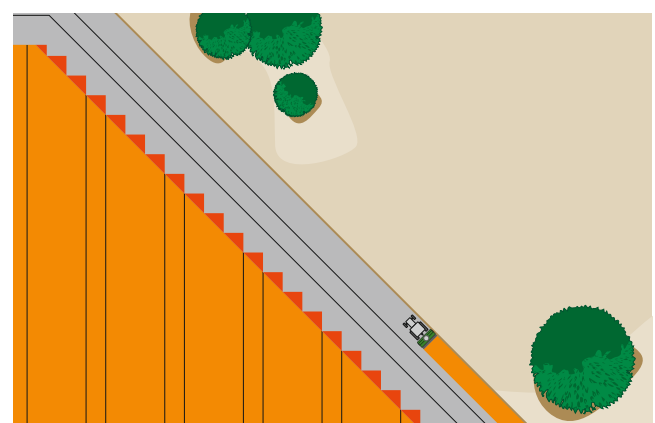
The future today: additionally becoming increasingly popular is the use of application maps, where the seed rates can be matched to individual zones in the field – such as hills and hollows or changes in soil type. As a special option for AmaTron 3, Task Controller, or GPS-Maps, allows the simple utilisation of seed application maps. Standardised file formats can be imported into the system which is then implemented fully automatically. A graphic display of the map in the background offers a good overview.



AmaTron 3 for Avant



Over or under-sowing with manual on/off control without GPS-Switch



Position dependent, automatic control, both on and off, of the electric metering unit via GPS-Switch

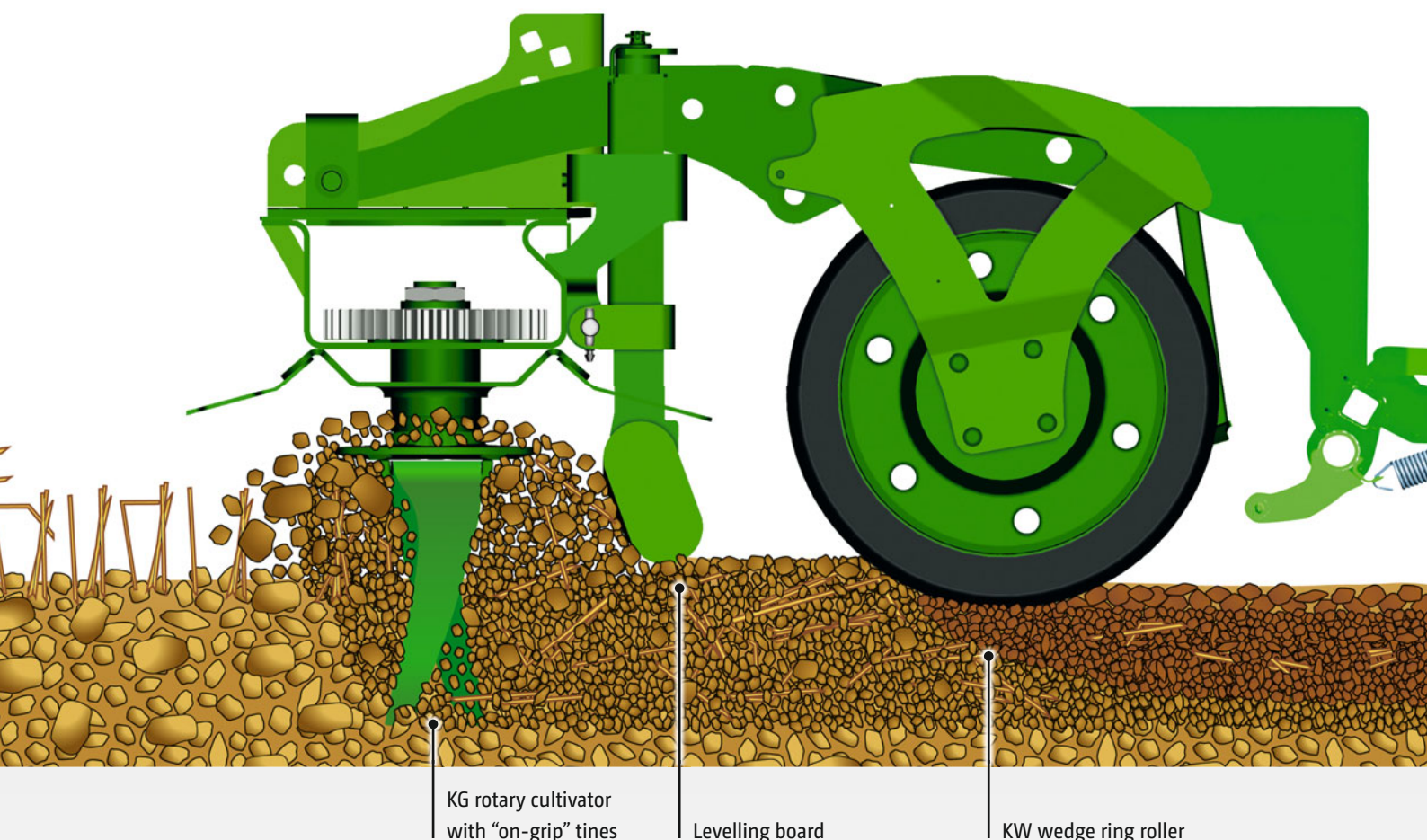
Sowing following the plough or mulch sowing with pneumatic seed drill combinations

Mulch sowing made possible!

AMAZONE seed drill combinations have proven themselves by the hundred thousand both for cost saving mulch sowing and also when conventionally sowing following the plough.

When mulch sowing, the combination of rotary cultivator, wedge ring roller and seed rail with RoTeC Control disc coulters is recommended. The rotary cultivator loosens even

hard packed soils and maintains its working depth due to the “on-grip” tines. The straw is simultaneously incorporated and, thanks to the large clearances between the tines and the trough, the straw-soil-mixture can pass through the machine above the tine carriers without a problem. The following levelling board levels any ridges and furrows.

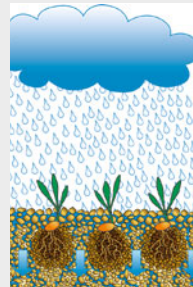


Function overview – PTO-driven seed drill combinations: straw incorporation, seed embedment and sowing in one pass

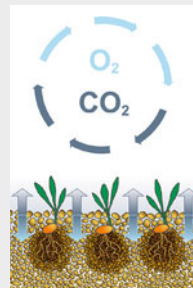
The wedge ring roller reconsolidates the soil in strips so that one third of the soil is reconsolidated whereas two thirds of the surface remains loose. The RoTeC Control coulters then precisely place the seed into the reconsolidated strips.



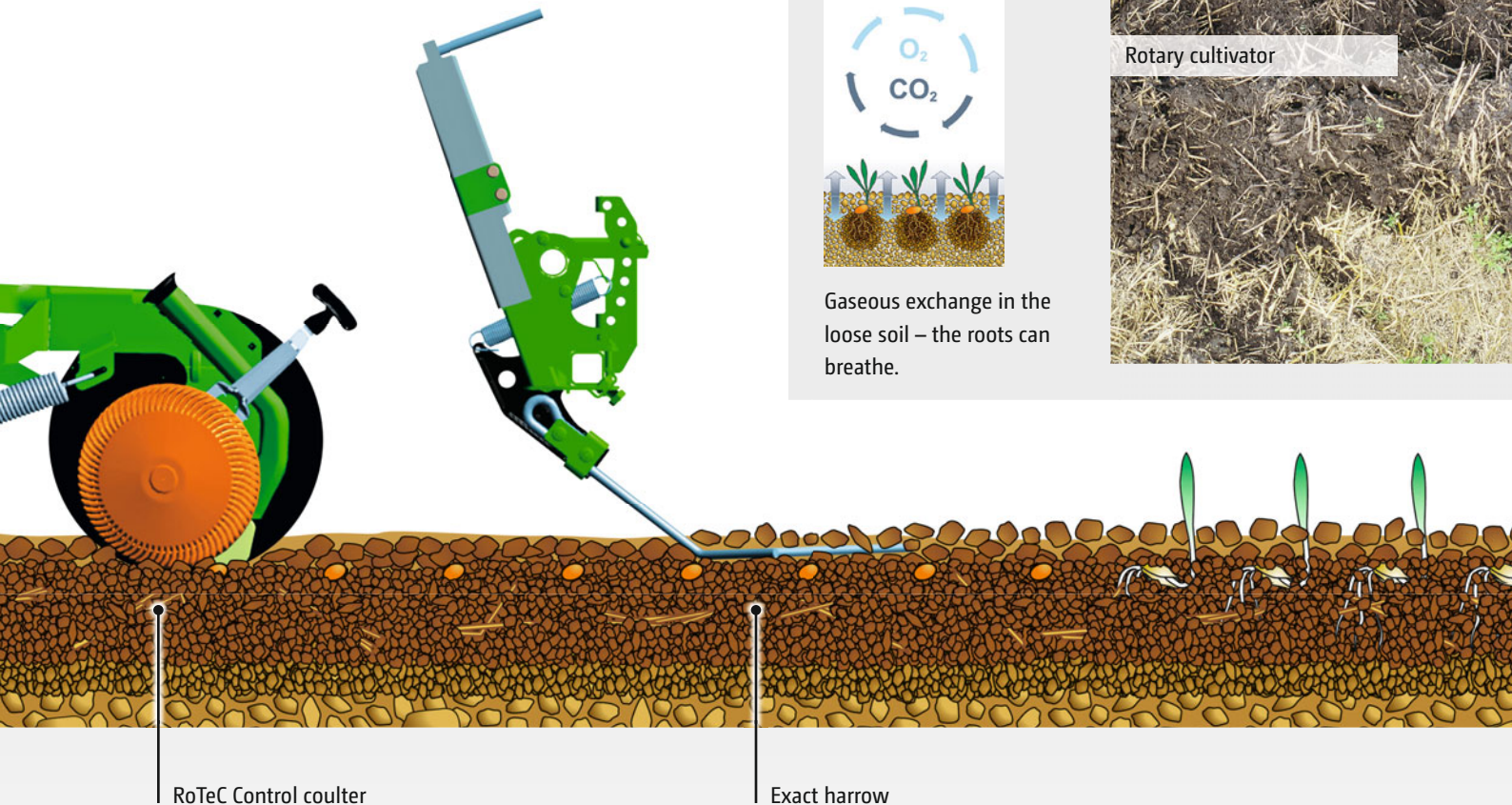
Even in very dry weather the capillary water is drawn back to the seedling.



Rain from heavy downpours simply drains into the unrolled, loose areas.



Gaseous exchange in the loose soil – the roots can breathe.



RoTeC Control coulters

Exact harrow

Folding rotary cultivator in 4 m, 5 m or 6 m working widths


Folding KG 6001-2; in 6 m working width



The benefits:

Quick changeover times between individual fields further increases profitability.

Transferring from one field to the next is carried out quickly and simply: Just fold up hydraulically, drive on to the next field, unfold and start work!

-  "During our short test the KG rotary cultivator turned out to be a real 'cookie monster'. And thanks to the new drive line, the new KG 6001-2 can now cope with tractor capacities of up to 360 HP."

(profi 8-2013 · Test report AMAZONE KG 6001-2 rotary cultivator)

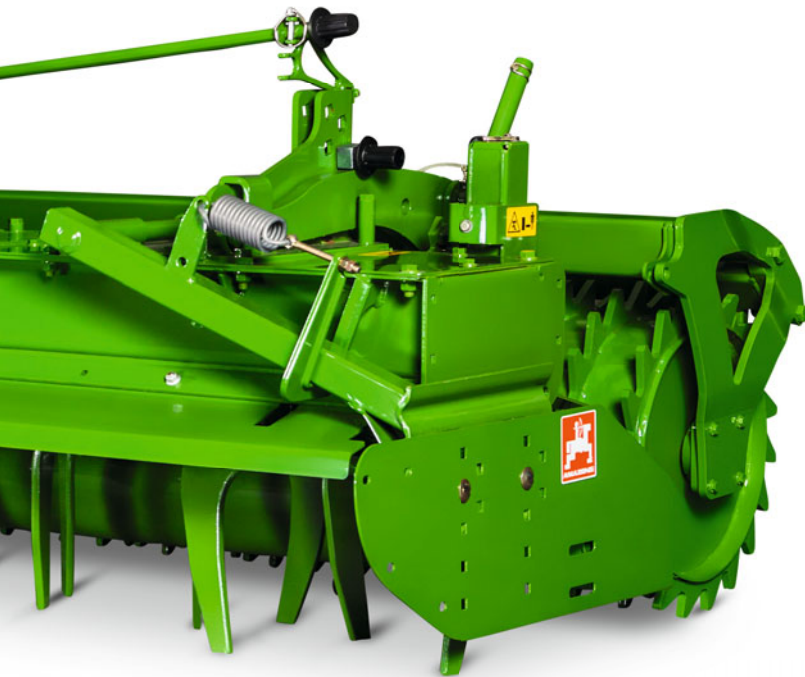


❗ “We were impressed by the smooth running of the 2 x 10 tine carriers. Because instead of an offset arrangement in pairs at an angle of 90°, they are set in a spiral.”

(profi 8-2013 · Test report AMAZONE KG 6001-2 rotary cultivator)

❗ “A good hose storage rail is provided and a PTO shaft carrier.”

(profi 8-2013 · Test report AMAZONE KG 6001-2 rotary cultivator)



The right working width for tractors of any power

The 4 m, 5 m and 6 m working width rotary cultivators fold hydraulically to a transport width of 3 m and are suitable for tractors up to 265 kW (360 hp).

Especially in farm-overlapping situations or under frequently changing operational conditions, the correct tine rotation speed is quickly adjusted by selecting the right gear. This ensures the optimum quality of work in any conditions.

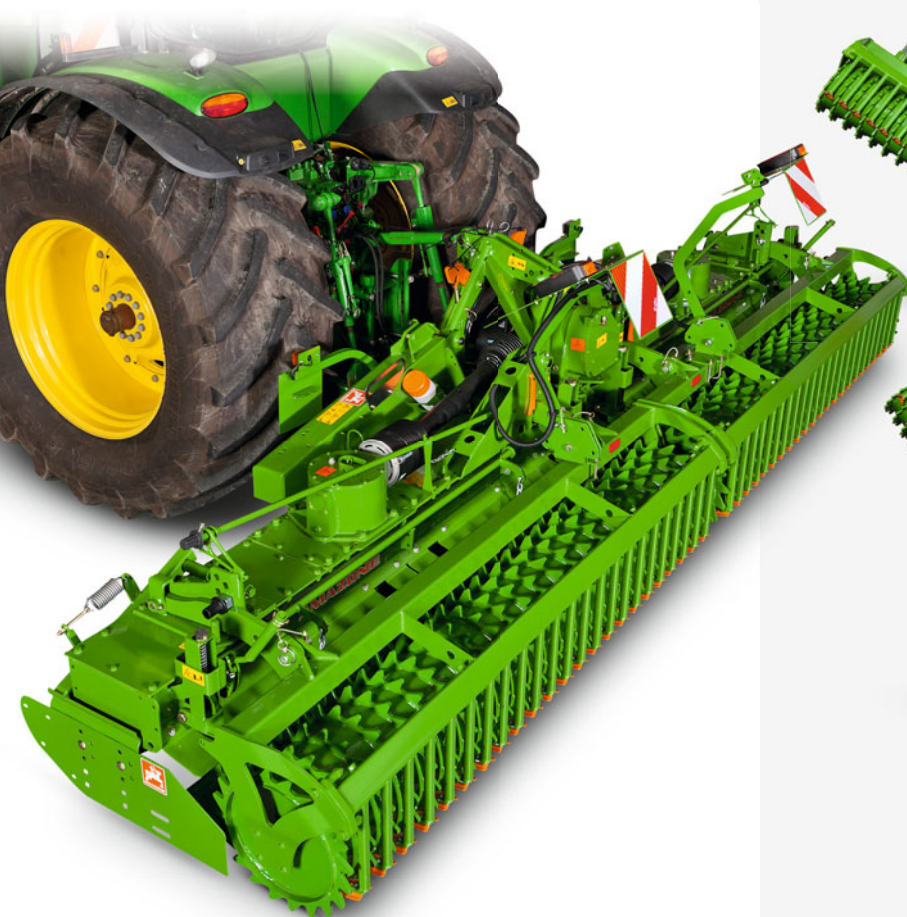
The compact design of the particularly robust folding rotary cultivator allows high outputs operating life, maximum use even in smaller fields.

The main gearbox of the folding rotary cultivator is equipped with 2-speed lever change for rapid adjustment of the tine speed to different soils and working intensities.



2-speed changeover

Folding KG: 6 m down to 3 m – quick and safe!



Folding KG 6001-2: in 6 m working width

❗ “Apropos transport width: for road travel, the 3 m wide wings are vertically folded via double acting rams to 2.90 m – ideal!”

(profi 8-2013 · Test report AMAZONE KG 6001-2 rotary cultivator)



Staggered tine layout guarantees smooth running

With AMAZONE rotary cultivators, the tines are arranged in a specific offset position towards each other. This guarantees an even soil crumbling and a smoother machine running. Incidents of vibration and peak loading are thereby prevented. The machines suffer less stress, and the power and fuel requirement is reduced.



AMAZONE: 10 tine carriers



In comparison: other rotary harrows with 12 tine carriers

- ✓ 10 tool carriers in a 3 m working width provide you with more free space, more robustness and better through passage.

The “extreme” stone test track

All AMAZONE soil tillage implements are subjected to extreme stresses, being continuously tested on the stone torture track. This is not only for newly developed machines but also as part of series production supervision, meaning they are well prepared for the extremely wide range of operating conditions encountered when in actual use. This makes sure that you have the maximum of reliability with all AMAZONE rotary harrows and rotary cultivators.



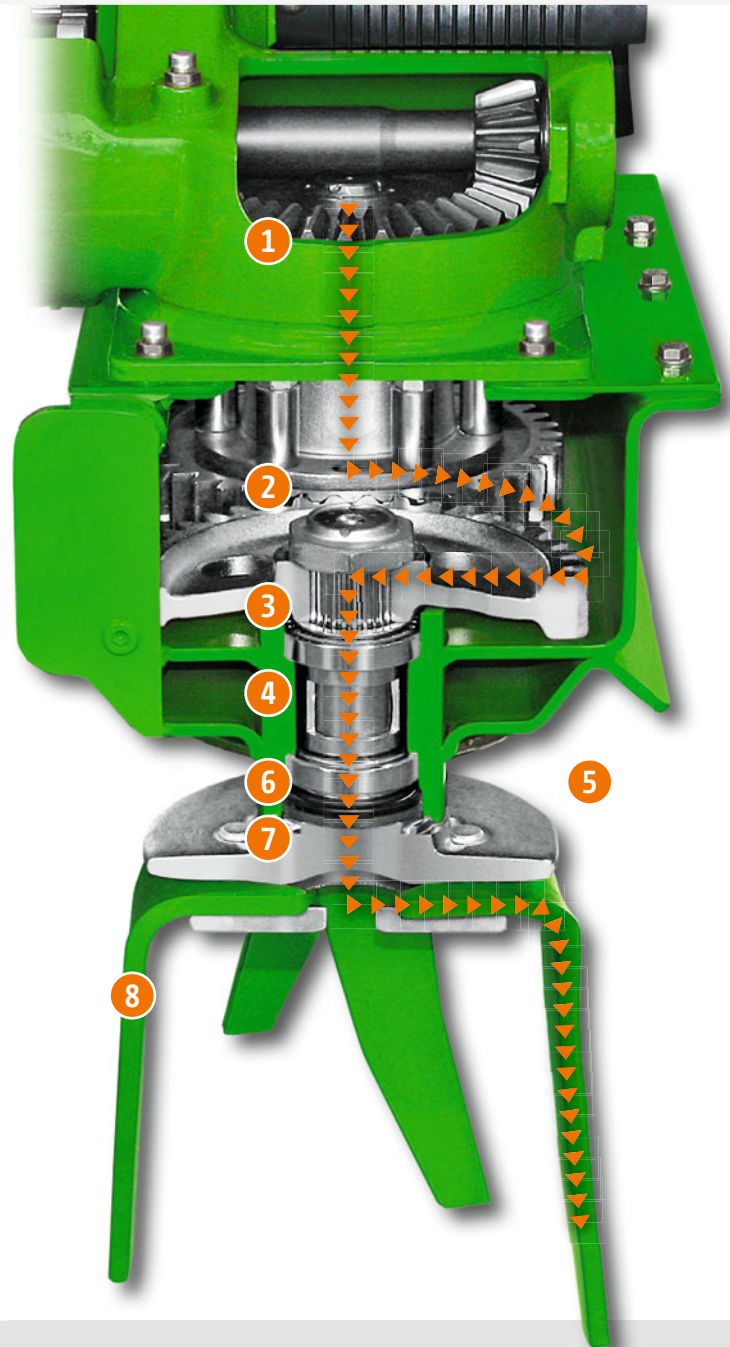
Long-Life-Drive

For all rotary cultivators

Quality within the system

Long-Life-Drive is the optimised drive system for all AMAZONE rotary cultivators that ensures an extended operating life, maximum smoothness of running and a high resale value. Gear wheels and bearings run in a single oil bath and so are maintenance-free – there are no grease nipples.

- ① Robust gearbox
- ② Highly-hardened spur gears with large teeth contact area
- ③ Exact spacing of all bearing seats for a maximum smooth running
- ④ Heavy-duty taper roller bearings with wide spacing between mounting points
- ⑤ Large clearance between the tool carriers and the smooth trough base for blockage-free mulch sowing and optimum though passage
- ⑥ Double sealing system with cassette sealing ring against oil loss and labyrinth seal against ingress of plant fibres and dirt
- ⑦ The tine carrier and the shaft are forged from one piece and have a large shaft diameter, KG rotary cultivator $\varnothing = 60 \text{ mm}$
- ⑧ Quick+Safe System with proven, tool-less tine change solution and integrated stone safety protection



❗ “We really liked the handling of the rotary cultivator.”
 (“profi” Practice test with Cataya 3000 Super
 till and drill combination · 07/2018)

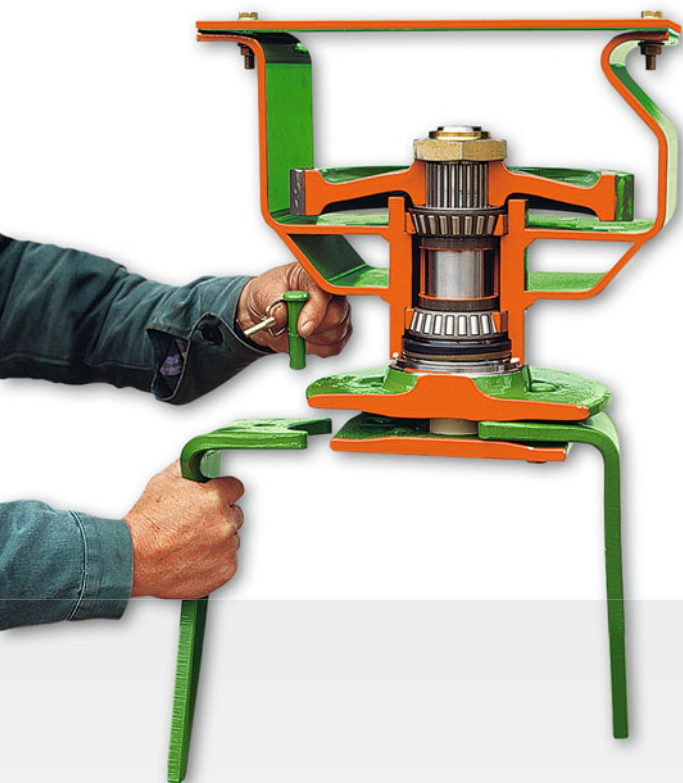


With the KG – more than 75,000 satisfied customers

Quick-System

Quick change tine system

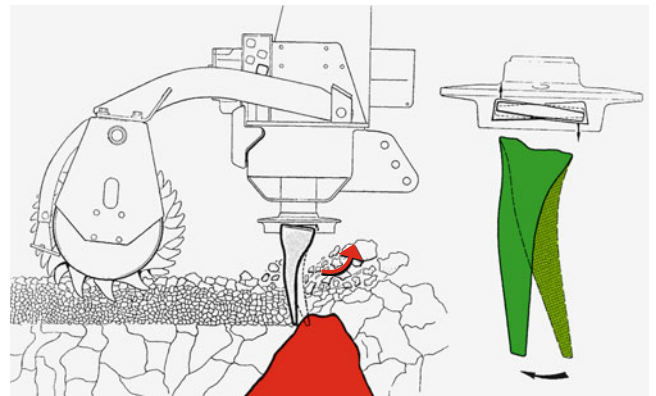
The tines are simply pushed into the sockets of the tine carrier and secured with a lynch pin. It couldn't be easier or quicker as there are no tine fixing bolts that require retightening. Even converting tine operation from "on-grip" to trailing mode is quick and simple. The tines, which are forged from special hardened steel, are elastic and 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 in the centre of the tine carrier. The socket becomes wider towards the outside so that the horizontal part of the tine can twist out of position while remaining sprung. Much of the shock is absorbed when the tip of the tine hits a stone. This method of tine fixing on the KG provides safety on stony soils and means that the tines can be used "on-grip".



Depth control rollers for the Avant

PW tooth packer roller 600 mm

The PW tooth packer roller features a good self-driving effect and, with its leading teeth, it leaves a good reconsolidation all across the whole surface.

Due to its performance, the tooth packer roller is universally usable.

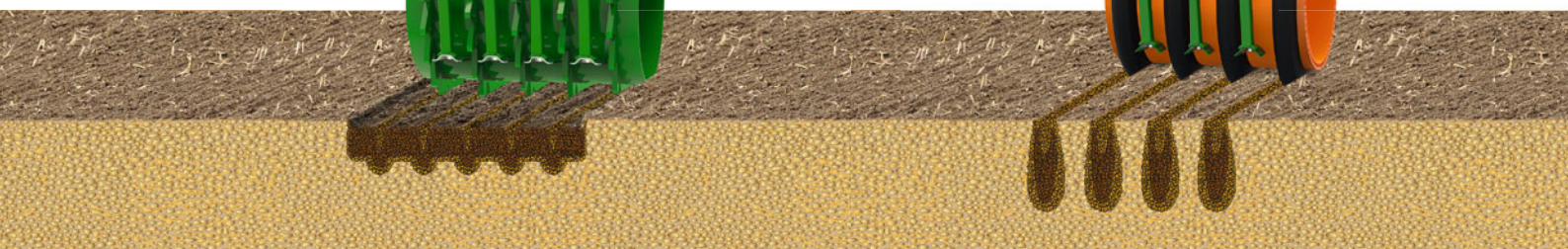
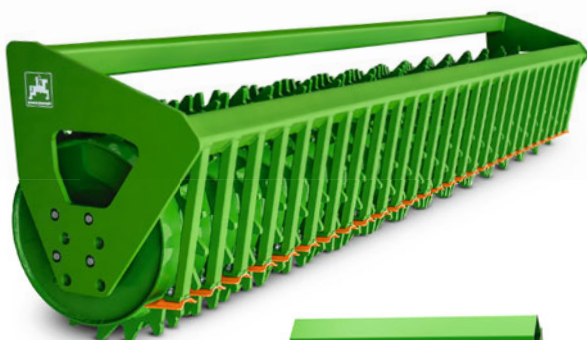
- ⊕ Consolidation is uniform across the entire soil surface
- ⊕ Runs blockage-free on sticky soils and where there is a lot of straw
- ⊕ Scrapers, fitted as standard, are wear-resistant thanks to a hard metal coating (3 to 5 times longer service life in comparison to non-coated scrapers)
- ⊕ Low set scrapers ensure a smooth surface even in wet soil conditions

KW wedge ring roller 580 mm

The KW wedge ring roller benefits from a wide range of applications. Due to its design, the strip-wise reconsolidation is ensured in virtually all soils and under any conditions.

There is no chance of sticking, clogging or blocking up.

- ⊕ Universal for all soils and conditions
- ⊕ Reconsolidation in strips
- ⊕ Even in heavy soils, sufficient loose earth is available for the optimum seed coverage
- ⊕ Very well suited to any weather, no matter whether moist or dry
- ⊕ Smooth coulter travel due to the pre-formed seed furrow



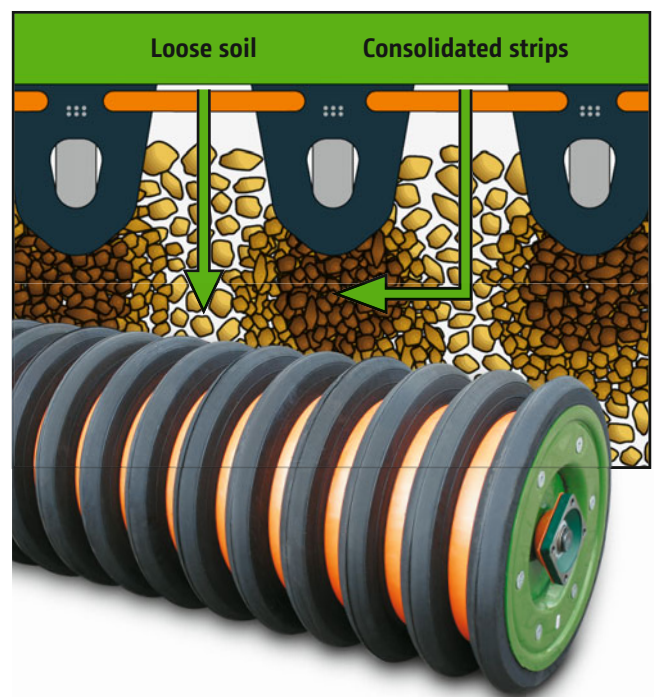
Wedge ring roller: targeted reconsolidation ...

... for optimum plant development.

A roller's primary task is soil reconsolidation. The wedge ring roller uses rubber rings to form reconsolidated strips into which the seed is sown. The harrow that follows covers the seed with loose soil from the unconsolidated area.

Reconsolidating in strips ensures that the soil structure around the plants is always right for the current weather conditions, and so provides the best chance of rapid, uniform plant development. The wedge ring roller thus serves as insurance for just-in-time tilling.

The wedge rings leave a homogeneous, pre-consolidated strip without any stud marks. Compared to rollers with other profiles, this is a decisive advantage, resulting, above all, in a smooth run of the sowing coulters.

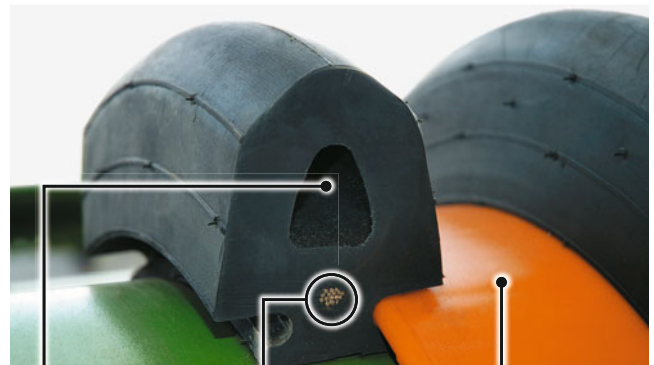


Enclosed roller

In general: on loose and light soils solid rollers carry better than open rollers. In addition, solid rollers tend to block less. Exactly for this reason on the wedge ring and Matrix wedge ring rollers, the rubber rings are fitted to an enclosed tube. When the rings sink into the loose soil, the tube carries the weight across the entire length.

There is no chance of sticking, clogging or blocking up.

Robust steel roller body



❗ “With the large diameter wedge ring roller we achieved a very good operational performance on medium to heavy soils under a variety of conditions and, last but not least, due also to the rubber dampened levelling board.”

(profi 8-2013 · Test report AMAZONE KG 6001-2 rotary cultivator)

Air cushion
shock absorber

Metal insert
for maximum
ruggedness
and a perfect fit

Spacer ring
with
dirt-repellent
surface

Seed embedment with the RoTeC Control disc coulters for conventional and mulch sowing

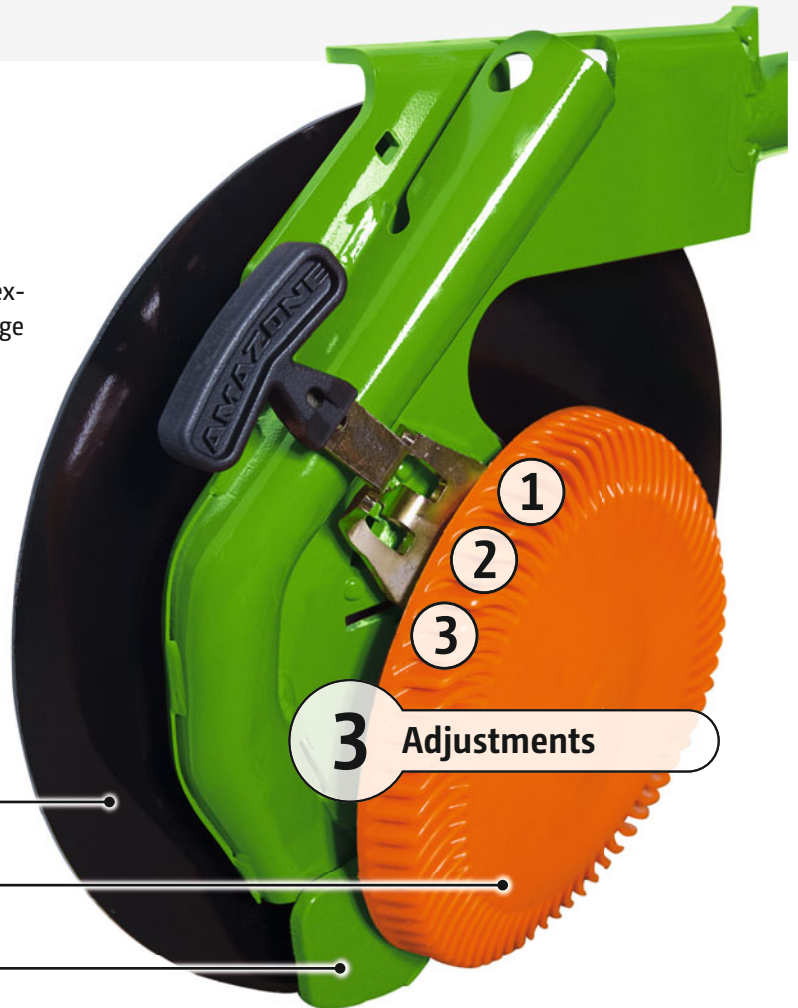
RoTeC Control coulters are maintenance-free and work extremely well yet with little wear and tear. Even where large amounts of straw and trash prevail they won't block up. The combination of the sowing disc on the one side and the furrow former on the other create the perfect seed furrow and optimum seed control. The elastic polyurethane disc also helps to create the seed furrow, accurately controls the pre-set sowing depth and prevents soil from sticking to the sowing discs.

The maintenance-free RoTeC Control single disc coulters

Sowing disc

Control 25 depth guidance roller

Furrow former



✓ For exceptionally deep sowing, the depth guidance disc can be easily removed.



✓ RoTeC Control coulters with Control 10 depth guidance disc with 10 mm wide contact surface.



RoTeC: now proven by over 300,000 units! Awarded an Agritechnica silver medal

The very even and exactly controlled depth guidance of the RoTeC Control coulters is achieved via the Control 10 depth guidance disc, with a contact surface of 10 mm, or the Control 25 depth guidance option with a contact surface of 25 mm. As this depth guidance is fitted on the side of the coulters, this principle operates with more accuracy than

coulters systems with a following, rigidly attached separate depth guidance roller. The depth guidance discs or rollers provide the basic setting of the sowing depth easily and comfortably via the coulters pressure. If necessary a notched quadrant allows for the readjustment of the sowing coulters in 3 steps.

Quality and reliability throughout:

- ✔ Coulters discs made from high grade Boron steel
- ✔ Shallow angle of inclination for reduced soil movement
- ✔ Wear resistant polyurethane disc acts as an adjustable depth guidance roller and for cleaning

The large clearance between the front and rear rows of coulters ensures a blockage-free sowing operation, even where large amounts of straw prevail.

With only one cutting disc per coulters, AMAZONE ensures – even at a 12.5 cm row spacing and mulch sowing at high speeds – a blockage-free material passage in between the coulters.

Hydraulic coulters lift and coulters pressure adjustment

For solo soil cultivation the coulters, together with the following harrow, can be raised hydraulically. This enables the quick and flexible adaptation to particular situations such as in areas of poor straw incorporation, in part areas where a preliminary pre-work is necessary. The targeted pre-loosening of the headland or other compacted areas is also possible.

The coulters pressure of the Avant is, as standard, adjusted hydraulically.



Seed embedment with either RoTeC and the RoTeC⁺ coulters for conventional and mulch sowing



- ✓ RoTeC⁺ Control coulters (Ø 400 mm) with Control 25 depth guidance roller

55 kg coulters pressure

35 kg coulters pressure

- ✓ RoTeC Control coulters (Ø 320 mm) with Control 10 depth guidance disc

AMAZONE offers the RoTeC⁺ coulters for the Avant 4001-2 and 5001-2 for sowing on particularly large areas and for the toughest operating conditions. The coulters feature a disc diameter of 400 mm and is made from 4 mm thick hardened Boron steel. In this way, the wear is kept to a minimum and an already long service life is further extended.

For trouble-free sowing at high forward speeds and in heavy soils where there is much straw, the coulters pressure has been increased to a maximum of 55 kg.

Row spacing on the RoTeC Control coulters is 12.5 cm.

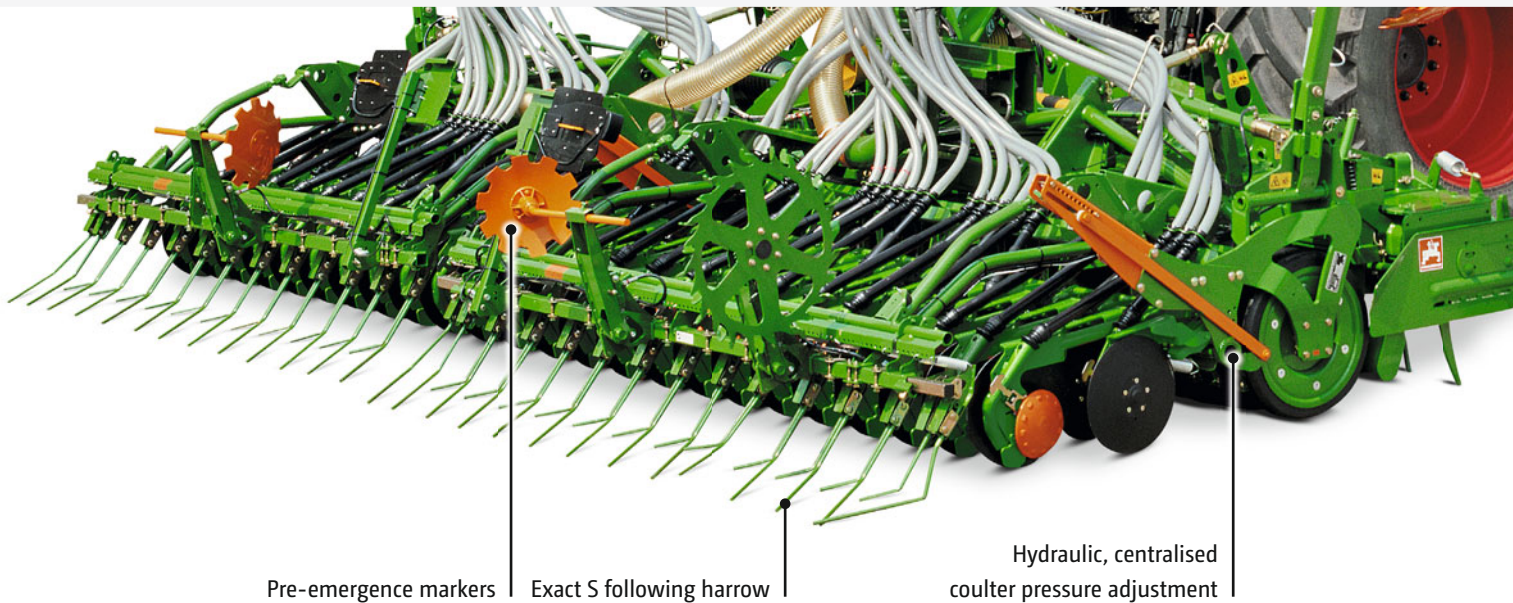
Optional seed press rollers for the RoTeC and RoTeC⁺ coulters

The following press roller runs precisely in the seed furrow and, under dry conditions, presses the seed (such as rape and other fine seeds) to the bottom of the furrow. Depth guidance of the coulters is still carried out via the depth

limiting disc. The rollers feature an adjustable depth setting, can be removed without tools and can be operated in combination with the Exact harrow (not in conjunction with shallow sowing discs).



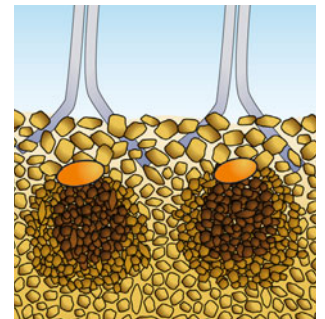
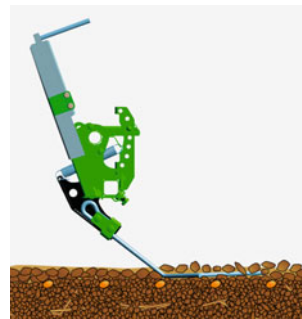
Seed coverage with the Exact harrow or with the Exact harrow S



The Exact harrow covers and levels the open seed furrow without blockage even with large amounts of straw present. With its individually pivoting harrow elements, the Exact harrow follows the undulations of the soil perfectly, ensuring an even seed coverage on soils either with or without straw.

The harrow pressure is centrally adjusted mechanically via two spindles. On the hydraulic harrow pressure adjustment, a pair of locating pins predetermines the minimum and maximum settings. This way both the harrow and the coulters pressure are linked together and so can, during operation, be adapted to changing soil conditions by the use of just one tractor control valve.

In conjunction with the RoTeC⁺ coulters, the 15 mm strong Exact S following harrow can be used. It gives little wear and provides good seed coverage even in most difficult of operational conditions.



Pre-emergence markers

When creating tramlines, the marker discs automatically lower and mark where the tramline will be created. This

means that the tramlines are visible prior to the seed emergence.

Quick mounting – quick set-up times – Safe transport



Optimum weight distribution

Front hopper and rear combination are mounted to the tractor in just a few minutes and without tools. The seed tubes are fitted down the side of the tractor via retainers that can remain there even when the Avant has been dismounted. By means of over-centre catches, the seed tubes to the front hopper and the rear combination are quickly connected. The front hopper is coupled onto the tractor's

front linkage and the hydraulic couplings are plugged into the tractor. The same procedure is carried out for the rear: The rotary cultivator is mounted onto the lower link arms, the top link arm connected and the hydraulic hoses are plugged in. That just leaves the data cable to be fitted to the AmaTron 3 and then the sowing operation can start.



✓ Compact on the road

For transport on public roads, the rear mounted combination can be hydraulically folded to a transport width of less than 3 m and a transport height of less than 3.7 m.



✓ Optional camera system

In difficult driving situations, the optional camera system on the front tank and on the rear combination provides increased safety all around. The high resolution, anti-glare screen is back-lit and can also display two cameras at the same time.

Technical data



Folds to 3 m

Avant drill combination with front seed hopper

Front hopper	Single-tip front hopper		Twin-tip front hopper	
	FRS 104 with front mounting frame	FPS 104 with front tyre packer	FRS 204 with front mounting frame	FPS 204 with front tyre packer
Number of metering units	1	1	2	2
Hopper capacity without extension (l)	1,500	1,500	1,500	1,500
Hopper capacity with extension (l)	2,000	2,000	2,000	2,000
Weight with seed without extension (kg)	1,665	2,190	1,700	2,225
Weight with seed with extension (kg)	2,015	2,540	2,050	2,575
Lifting power requirement without extension (kg)	2,900	4,300	2,900	4,300
Lifting power requirement with extension (kg)	3,500	4,970	3,500	4,970
Rear combination	Avant 4001-2	Avant 5001-2	Avant 6001-2	
Execution	folding	folding	folding	
Working width (m)	4.00	5.00	6.00	
Number of distributor heads	1	1	2	
Weight with RoTeC Control coulters (kg)	4,290	4,970	5,500	
Lifting power requirement (kg)	7,920	9,550	10,400	

The permissible axle loads and total weights of the tractor have to be checked. Adhere to the legal regulations for road transport in each particular country. Not all the above mentioned combination possibilities can be realised on all tractor types and/or according to the relevant national regulations.

KG rotary cultivator

Model	Working width (m)	Transport width (m)	Power requirement from (kW/HP)	For tractor output up to (kW/HP)	Number of tine carriers	Basic weight without roller (kg)
KG 4001-2	4.00	3.00	88/120	265/360	14	2,345
KG 5001-2	5.00	3.00	110/150	265/360	16	2,620
KG 6001-2	6.00	3.00	132/180	265/360	20	2,855

Illustrations, content and technical data are not binding! Technical data may deviate according to the level of equipment. Machine illustrations can vary due to country-specific traffic legislation.



AMAZONE



Illustrations, content and technical data are not binding! Technical data may deviate according to the level of equipment. Machine illustrations can vary due to country-specific traffic legislation.



AMAZONEN-WERKE H. Dreyer GmbH & Co. KG
P. O. Box 51 · 49202 Hasbergen-Gaste/Germany
Phone +49 (0)5405 501-0 · Fax +49 (0)5405 501-193