AMAZONE

Harrow-mounted seed drill **AD-P Special**

Pneumatic seed drill combination

Soil tillage together with harrow-mounted seed drill

AD-P 3001 Special with KG 3001 Special Cultimix

The AD-P pneumatic harrow-mounted seed drill is the ideal drill for superb, precise sowing. In combination with the KE rotary harrow or with the KX and KG rotary cultivators, the AD-P Special, in working widths of 3 m, 3.5 m and 4 m create the ideal seeding conditions. With hopper capacities of 850 l to 1,500 l, these pneumatic drill combinations offer an efficient system for use when either conventional or mulch sowing.

AD-P Special

Precise and comfortable

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Learn more about operating the machine
Click here to go to SmartLearning:

www.amazone.net/smartlearning

AD-P Special

The reliable pneumatic harrow-mounted seed drill

In **3 m, 3.5 m**
and **4 m** working widths

The advantages at a glance:

- Large, central and compact seed hopper with a hopper capacity of up to 1,500 l – for high work rates
- High comfort and short set-up times thanks to excellent access to the metering unit
- The electric metering drive provides precise metering and easy calibration
- Different metering cassettes included for a wide variety of differing seed types and seed rates
- Part-area, site-specific sowing via electric metering in conjunction with application maps
- Reduction in overlapping via electric half-side seed shut-off within the segmented distributor head
- Easy actuation of asymmetrical tramlining rhythms thanks to the segmented distributor head
- Application of a second material in the same pass with the 110 l Micro plus micro-granular applicator
- Optional, comfortable and stepless coulter pressure adjustment from the tractor cab with easily-to-read display

Seed hopper with

850 l or **1,250 l**

and **1,500 l** (with hopper extension)

Precise **metering**

and easy

calibration

WS suffolk coulter

or **RoTeC coulter**

Roller harrow

or **Exact harrow**

MORE INFORMATION

www.amazone.net/ad-p-special

Seedbed preparation and sowing

All from one source!

KG 3001 Special Cultimix rotary cultivator

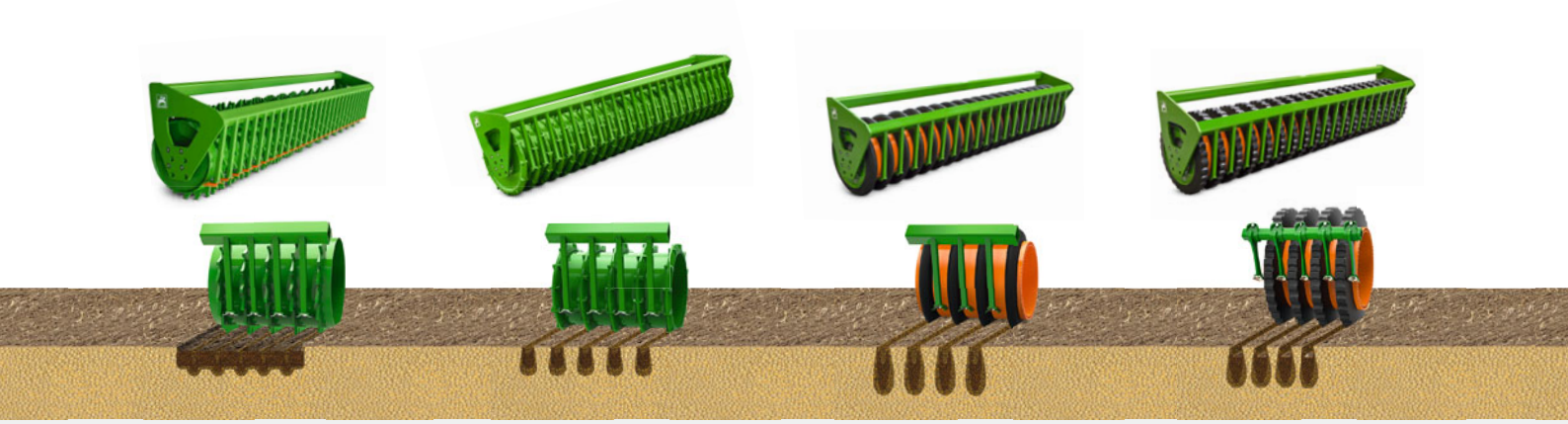
Keep the flexibility

The harrow-mounted seed drill can be combined with either a KE rotary harrow or the KX and KG rotary cultivators.

With a variety of roller types available, it is possible to configure a complete combination of soil tillage and drill that are perfectly matched to the prevailing soil conditions.

ⓘ More detailed information can be found on the website or in the separate product brochure available from your sales partner.

A wide range of rollers – the right roller for any location



Tooth packer roller
PW/500 mm/600 mm

Trapezium roller
TRW/500 mm/600 mm

Wedge ring roller
KW/520 mm/580 mm

Wedge ring roller
with Matrix tyre profile
KWM/600 mm

AD-P Special harrow-mounted seed drill

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

KE 01 rotary harrow or
KE 02 Rotamix rotary harrow
KX Cultimix/KG Cultimix rotary cultivator
or CombiDisc compact disc harrow

Mounted or demounted – clever, simple and flexible

Thanks to the intelligent coupling system, the soil tillage implement can be very simply split within a few minutes from the harrow-mounted seed drill. So, the rotary harrow or rotary cultivator can be easily utilised for solo operation.

KE 3001 rotary harrow

KE 3002-240 Rotamix

AD-P Special

The compact, value for money, harrow-mounted seed drill

The AD-P Special pneumatic seed drill, with its compact design, has been developed for use on medium sized farms. Available in hopper capacities of either 850 l or 1,250 l, the AD-P Special can be increased in volume up to either 1,100 l or 1,500 l using the 250 l extension.

The pneumatic seed drill is mounted on to the soil tillage implement via a universal coupling triangle.

Large capacity seed hopper

The seed hopper has a large fill opening.
This allows quick and easy filling, even from big bags, front end loader buckets or small sacks. Sieves safely protect the metering system from foreign objects.

Model	Working width
AD-P 3001 Special	3.0 m
AD-P 3501 Special	3.5 m
AD-P 4001 Special	4.0 m

The benefits:

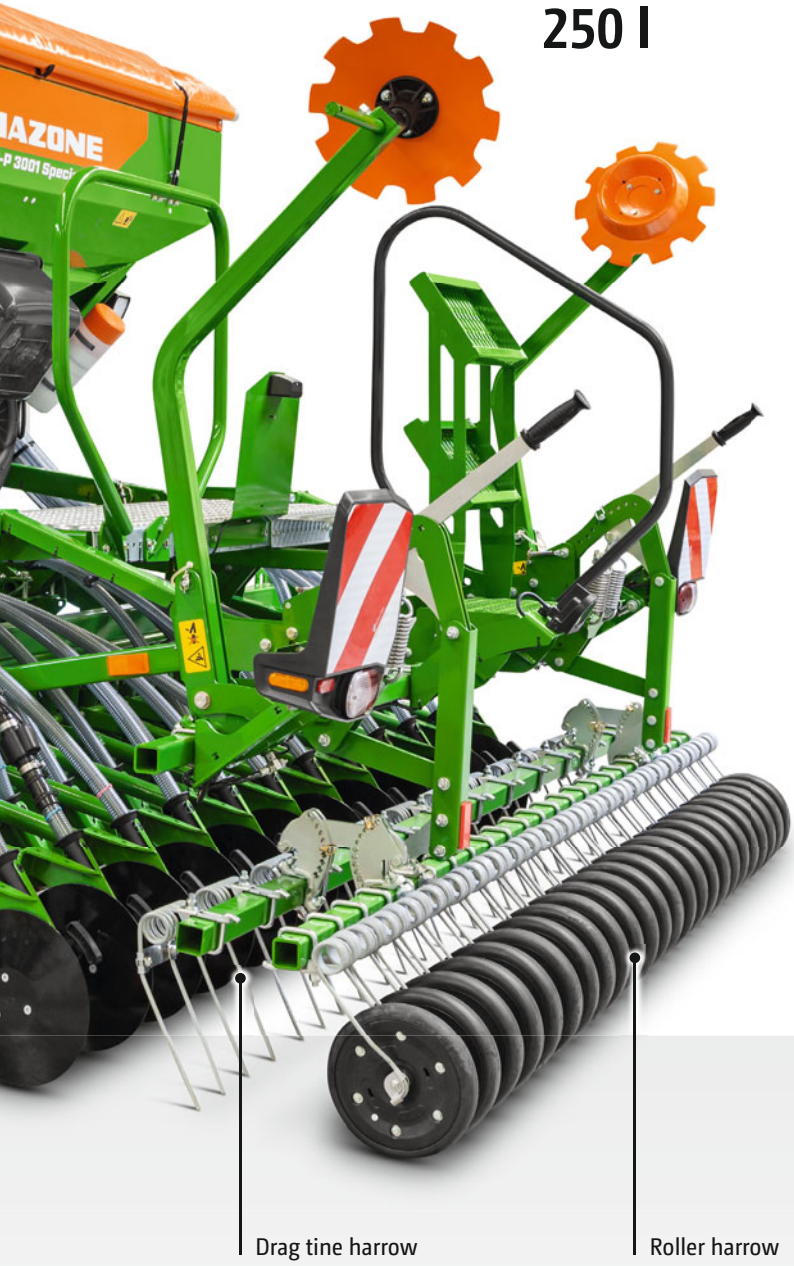
- Compact design
- Large, centralised seed hopper
- Low lifting power requirement
- Quick and easy filling and emptying

Seed hopper with

850 and **1,250 l**

Hopper extension with

250 l



Drag tine harrow

Roller harrow

Comfortable filling

The particularly wide loading board, which is easily accessed via steps, simplifies the filling of the seed drill. The easy filling of the seed hopper can be carried out via a trailer mounted filling auger, from big bags or a loading shovel. The easy to handle roll-over cover protects the seed hopper from any ingress of dust and moisture.

Hydraulic folding bout markers

The hydraulic marker changeover of all AD-P lifts the bout markers into the vertical position and then lowers each of them again in turn. In this way sowing is possible even on the headland and obstacles can be negotiated. In order to transfer the weight of the bout markers and thus the centre of gravity of the sowing combination nearer towards the tractor, the bout markers are fitted directly on the rotary cultivator or the rotary harrow. This design also results in another big advantage that the bout markers can also be used during solo operation of the soil tillage implement, for instance, when pre-working or when in conjunction with a precision air seeder. Thanks to the cranked arms the bout is perfectly marked even when working in coarse, very cloddy conditions. In addition, the arms, with their integrated sprung action reduce the strain during peak forces.

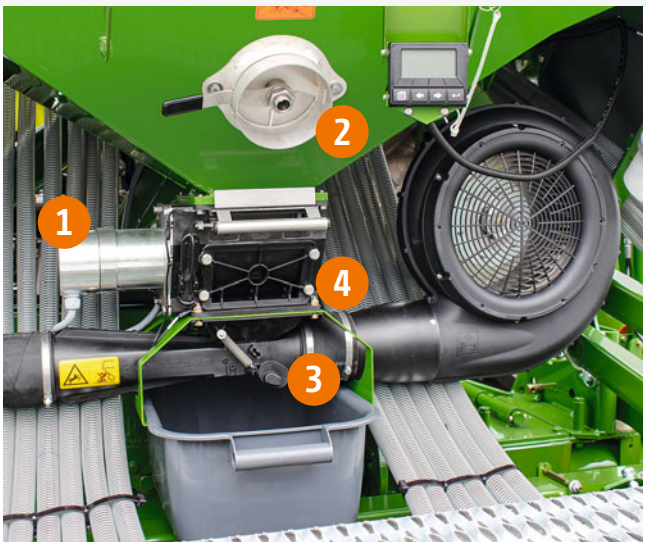
System Airstar: reliable metering drive

Simple adjustment and comfortable calibration

① **Electric metering drive:** The AD-P comes as standard with electric metering drive and is controlled by AmaTron 4 or any other ISOBUS terminal or AmaDrill+. In conjunction with the electric drive, calibration is comfortable and fully automated. The electric drive also offers additional functions such as the pre-metering of the seed in field corners and the increase and decrease of the seed rate during operation. The AD-P can recognise different signal sources for detection of the speed. In addition to the radar sensor, impulse wheel or GPS signal, also the speed signal of the tractor can be utilised.

② **Quick emptying:** the emptying of the seed in the hopper is quickly and simply done via the quick emptying device which is easily accessible and fitted onto the seed hopper.

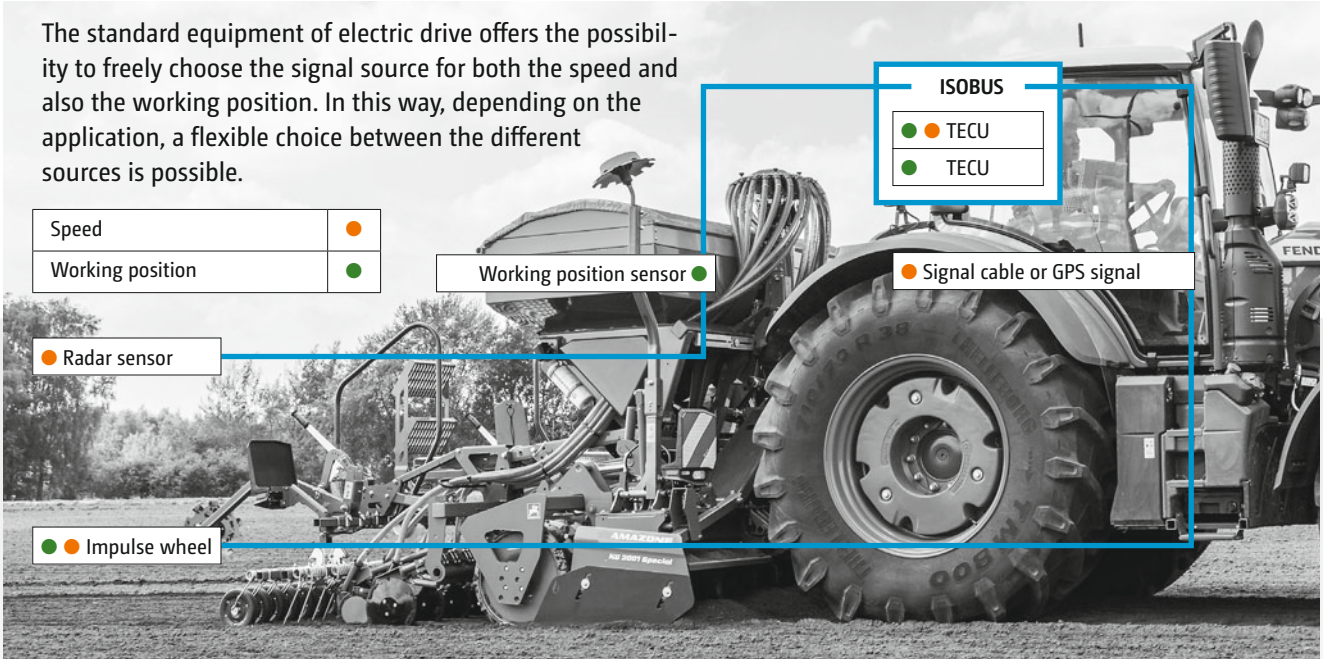
③ **Emptying of residual amounts:** for emptying any residual amounts, a slide is opened and the hopper contents emptied into the large calibration tray.



④ **Easy exchange of the metering cassettes:** 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.

Working position and speed signals

The standard equipment of electric drive offers the possibility to freely choose the signal source for both the speed and also the working position. In this way, depending on the application, a flexible choice between the different sources is possible.



Calibration via the TwinTerminal 3.0

Calibration via the mySeeder App

Comfort-Pack 1 with TwinTerminal 3.0

In order to make pre-metering, calibration and residue emptying even easier, AMAZONE offers for the AD-P, in conjunction with AmaBus or ISOBUS, Comfort-Pack 1 with its TwinTerminal 3.0. The TwinTerminal is mounted on the seed drill next to the metering unit via a magnetic console. This position offers a decisive benefit: the driver can now perform the operation and input data for the calibration directly down at the machine and no longer has to repeatedly get on and off the tractor.

The TwinTerminal 3.0 consists of a water- and dust-proof housing with a 3.2" display and four large keys for actuation.

mySeeder App – Calibration via smartphone

AMAZONE offers the mySeeder App for even more comfort. ISOBUS-compatible seed drills can be calibrated easily and conveniently with your mobile phone and the additionally required Seeder Connect Bluetooth adapter. Going back and forwards between the metering unit and the cab is no longer necessary. The easy operation of the App is intuitive and is quickly understood once used for the first time. The App can also be used for machines with several metering units. This means that the driver can comfortably go from metering unit to metering unit via the mobile phone.

Metering cassettes for 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 seed types. Additional cassettes are available, for instance, for maize or specialist crops. The interchangeable metering cassettes are suitable for the following application rates: fine seeds (from < 1.5 kg/ha), medium sized seeds (approx. < 140 kg/ha), normal seeds (approx. > 140 kg/ha).

7.5 ccm

20 ccm

100 ccm

120 ccm

210 ccm

600 ccm

Metering cassettes

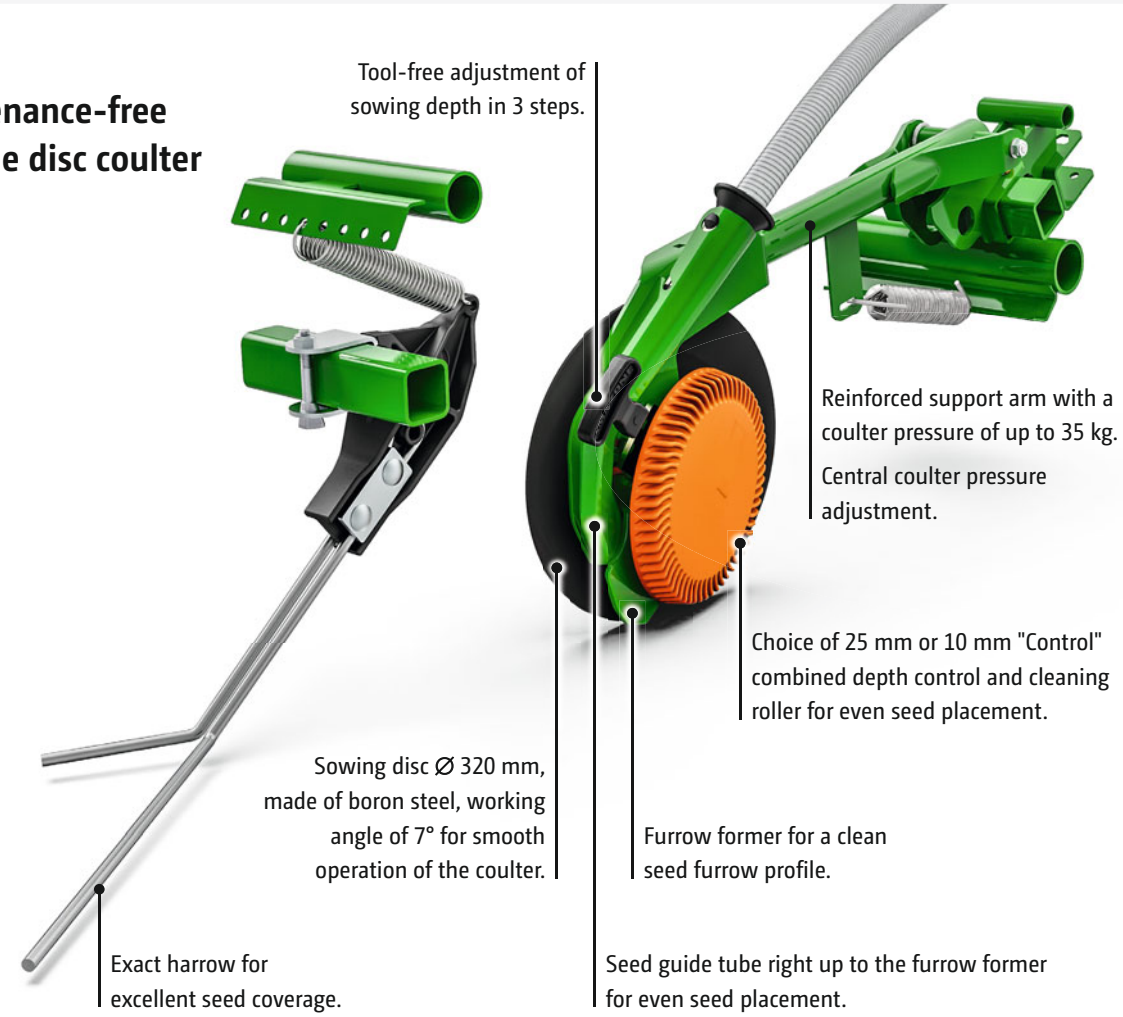
7.5 ccm: e.g. for linseed, poppies
20 ccm: e.g. for rape, stubble turnips, lucerne
100 ccm: e.g. for catch crop mixtures
120 ccm: e.g. for catch crops, maize and sunflowers
210 ccm: e.g. for barley, rye, wheat
600 ccm: e.g. for spelt, oats, wheat

RoTeC coulter

The universal single disc coulter

The RoTeC coulter system is tried and tested 1,500,000 times over!

The maintenance-free RoTeC single disc coulter



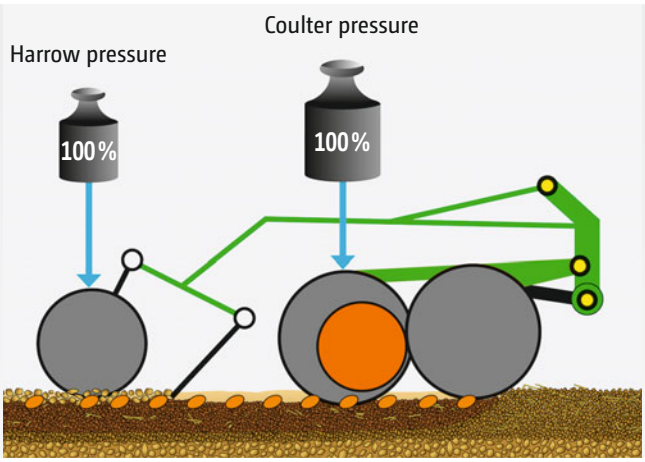
Goes right to the limit of practical operation and placement

RoTeC coulters are maintenance-free and work very reliably, even where large amounts of straw and plant residues prevail. The sowing disc and a furrow former create the seed furrow profile and provide optimum seed placement into the soil. The Control 10 depth guidance disc or the Control 25 depth guidance roller prevent the soil from sticking to the sowing disc, thereby ensuring that the pre-selected sowing depth is precisely maintained.

Row spacings of 12.5 cm and 15 cm can be chosen.

Advantages of the RoTeC coulter

- High-performance single disc coulter for wet and cohesive soil types
- High level of self-cleaning via the depth guidance roller
- Decoupling of the coulter depth control from the reconsolidation
- Up to 35 kg total coulter pressure



Ingenious independent depth control of coulter and following harrow

One of the unbeatable advantages of the RoTeC coulter is that there is no connection between depth control and the reconsolidation system. This means that the coulter is raised only once when passing a stone. Furthermore, the coulter and harrow pressure can be adjusted independently of each other. This very even and accurately controlled way of guiding the RoTeC coulter is ensured by the Control 10 depth guidance disc with its 10 mm wide contact area or the Control 25 depth guidance roller with its 25 mm wide contact area mounted directly on the coulter.

The 3 stage, basic setting of the sowing depth is done directly on the coulter without tools.

Coulter pressure adjustment

RoTeC coulters are operated with a coulter pressure of up to 35 kg. The actual effective pressure on an AMAZONE coulter is comparatively higher because the downforce is not split between the coulter and the following press roller but acts only on the coulter. Working with less coulter pressure is possible without any problem when sowing rape or early sowing in dry conditions.

Precise and easy adjustment

RoTeC coulter (Ø 320 mm)
with Control 10 depth guidance disc

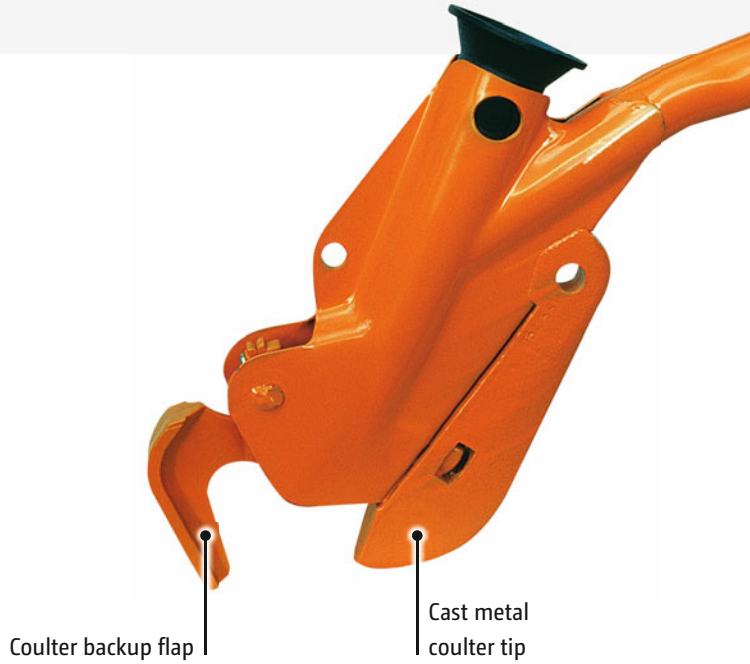
3 settings

RoTeC coulter (Ø 320 mm)
with Control 25 depth guidance roller

The cleats, which are open at the rear, provide a very good self-cleaning effect.

WS suffolk coulter

The robust and precise, plough-based coulter



Robust and precise

The **WS coulter** is particularly suitable for single-pass ploughing and sowing, or if there is only a little straw, e.g. after rape or turnips. The hard cast coulter tip enjoys an enormous service life. For larger farms with hardwearing soils, the quick coulter tip change, where replacement is necessary, is possible by removing just one bolt.

The 3-row layout and the large coulter stagger prevent blockages in amongst the coulters. A funnel in the coulter guides the seed precisely down into the coulter tip.
The back-up flap prevents the coulter outlet from being blocked when the machine is set down.

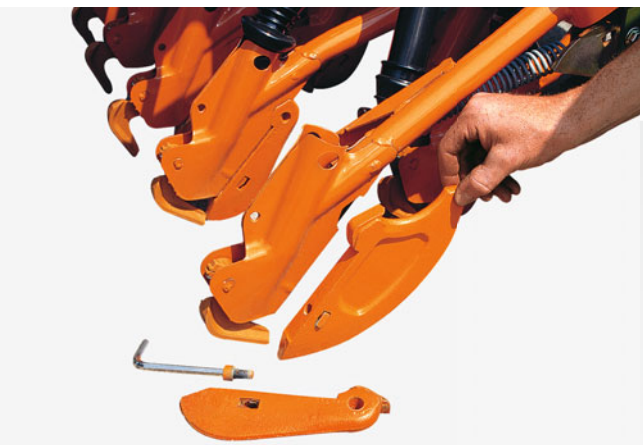
For WS suffolk coulters, the row spacing is 12.5 cm.

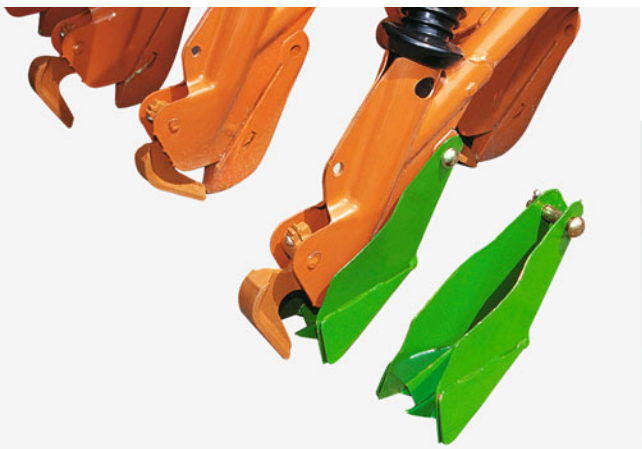
Sabre coulter tip

The sabre coulter tip was developed for very shallow seed placement on light soils, or when mulch sowing with an average amount of straw. With minimal effort, these can be exchanged for the standard WS suffolk coulter tip.

Band sowing shoes

Band sowing shoes are easy to attach and allow the seed to be distributed in strips as well as helping to reduce the placement depth.





- Innovative and precise

Segmented distributor head

The segmented distributor head provides huge flexibility for the pneumatic seed drill. Without any effort asymmetrical tramlines can be carried out without any undesirable seed rate reduction on the other half of the machine. The segmented distributor head provides electric half-side shut-off and Section Control. The half-side control is located directly inside the distributor head. Stoppers, used for blocking off every second outlet when sowing, for instance, spelt, are available as an option.

The benefits:
- Electric half-side shut-off
- Reduction in overlap
- Minimising dust creation

Variable tramline control

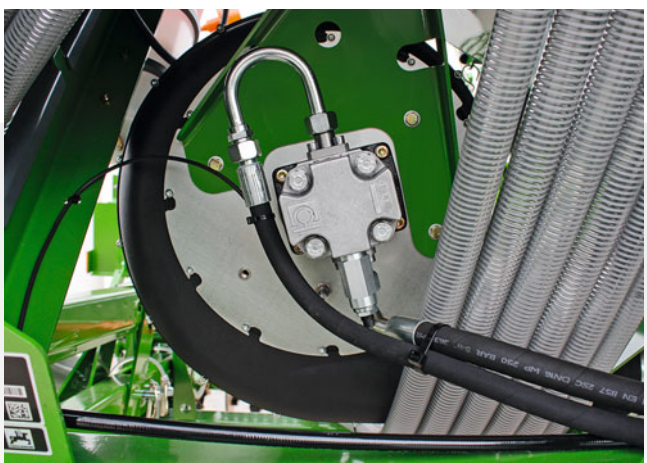
With the aid of the tramline shut-offs, in total up to six seed rows per side can be switched off. The correspondingly wide tramline wheel tracks are suitable for tyre widths up to 1,050 mm on a 15 cm row spacing or 875 mm on a 12.5 cm row spacing depending on the following crop husbandry tractors. In this way AMAZONE takes into account the move towards those crop husbandry tyres getting wider and wider.

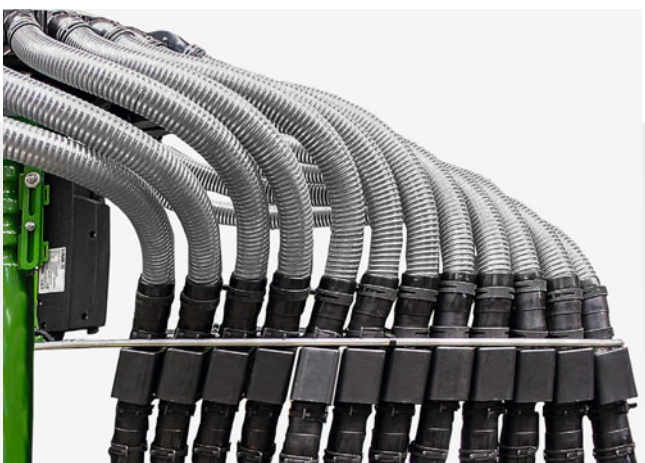
Hydraulic blower fan drive

The new high performance blower fan is characterised by its low oil requirement of just 21 l/min at 3,500 rpm and minimum noise levels.

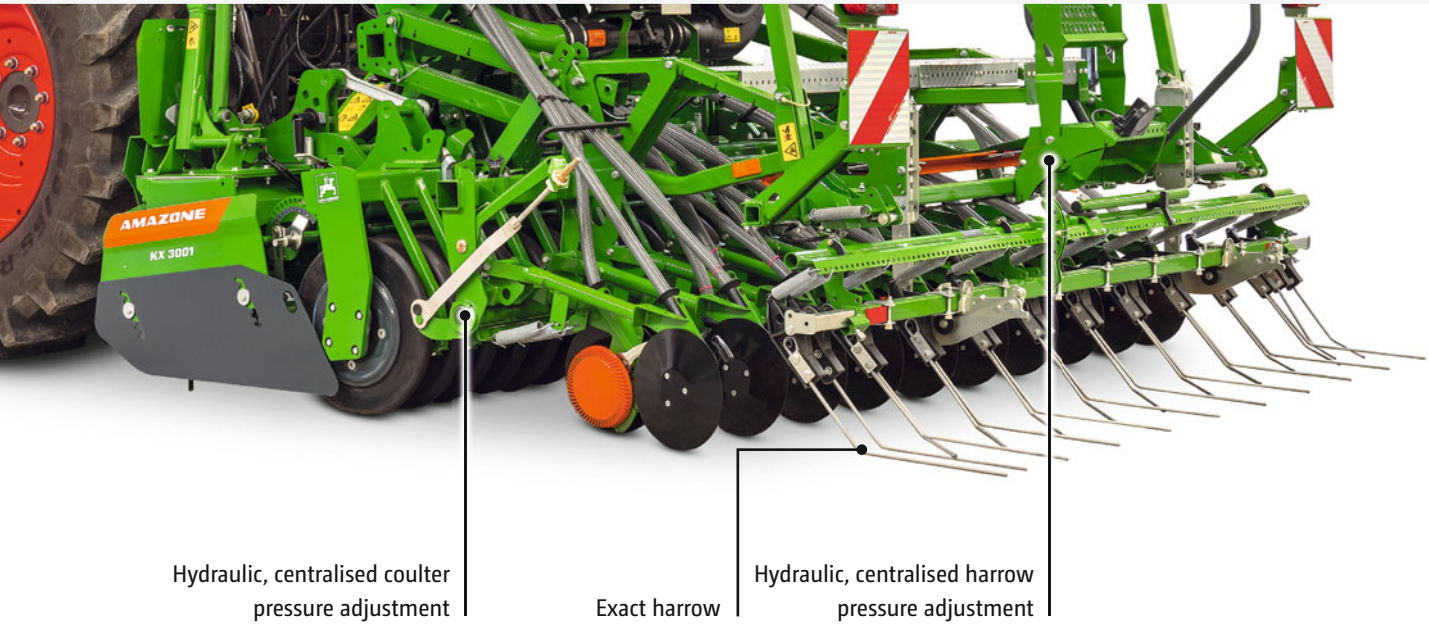
Seed pipe monitoring

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 behind the distributor head, sensors monitor the seed flow in the seed pipes. 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.



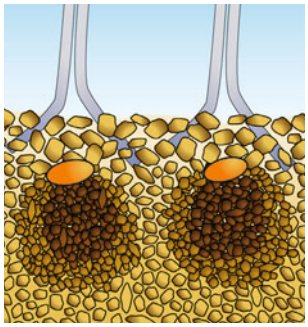


Exact harrow – perfect seed furrow covering



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 set without tools via the setting lever. On the hydraulic harrow pressure adjustment, a pair of locating pins predetermines the minimum and maximum settings. This way both the harrow and the coulter pressure are linked together and so can, during operation, be adapted to changing soil conditions by the use of just one tractor spool valve.



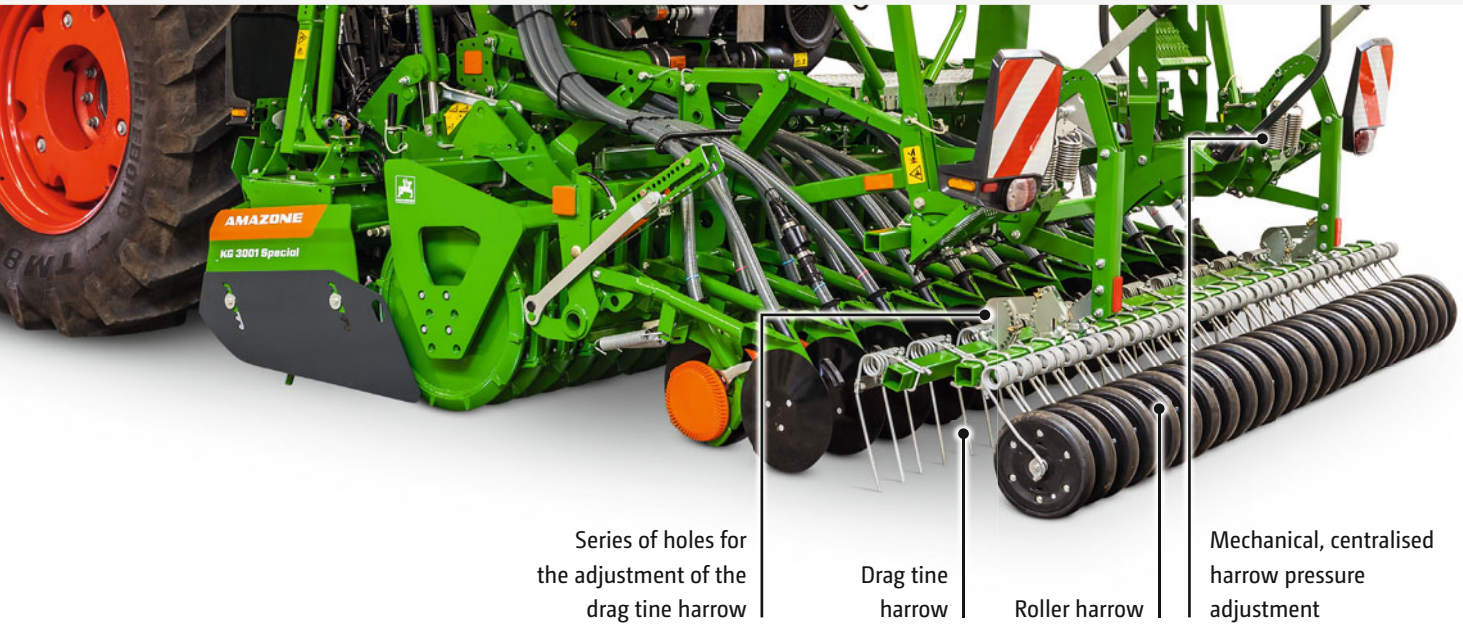
Coulter pressure adjustment

The coulter pressure is mechanically adjusted centrally on the AD-P Special. As an option, hydraulic coulter pressure adjustment is available. For ISOBUS machines with hydraulic coulter pressure adjustment, a sensor that triggers an increase in seed rate is available as an option.

Pre-emergence markers

When creating tramlines, the marker discs automatically lower and mark where the tramline will be created. This allows the tramline position to be visible before the seed has germinated.

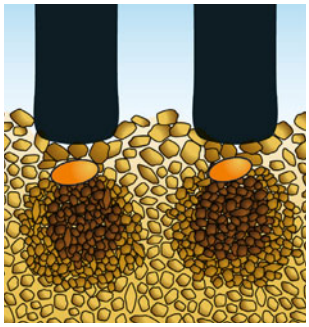
Roller harrow – adding additional reconsolidation to the seed row



The Roller harrow additionally consolidates the soil above the seed furrow resulting in the optimum germination conditions. This is recommended especially for light, dry soils when sowing spring crops or rape. An undulating surface profile that reduces erosion is the result. The Roller harrow, adjustable separately from the coulter pressure, can follow the ground contours over a range of ± 100 mm.

Roller harrow in operation:
the drag tine harrow covers the seed with soil which is then pressed by the Roller harrow.

Roller harrow pulled up out of work:
the drag tine harrow continues to cover the seed with soil.



Harrow adjustment

Stepless adjustment of the Roller harrow via spindles.

The centralised adjustment of the Roller harrow is carried out via the adjusters with overload safety device. Thus the intensity of the roller pressure can also be very flexibly adjusted and the pressure rollers can even be completely switched off in the Roller harrow. So, the press rollers can, for instance during late autumn sowing in wet conditions, be lifted out completely. The drag tine harrow can be accurately adjusted via a series of holes.

Handling made easy

One tool for every need

Adjustment of the pre-emergence markers using the universal setting tool

Universal setting tool – the tool for every need

The universal setting tool is the ideal solution that avoids the transportation of and the troublesome searching for of more than one spanner.

Due to its ergonomic shape and the position of all the setting points, any adjustment can be changed instantly.

It is possible to set the following:
- Adjustment of the bout markers
- Adjustment of the coulter pressure
- Adjustment of the pre-emergence markers
- Adjustment of the Exact following harrow
- Height adjustment of the levelling board
- Adjustment of the side plates
- Opening the protective sieve

Universal setting tool

Simply simple: AmaDrill+

With the AmaDrill+ in-cab terminal, AMAZONE offers, in addition to an ISOBUS terminal, a machine-specific terminal. AmaDrill+ allows operation of the drill without the need for any ISOBUS function on your tractor. This means that AmaDrill+ takes over control of all the important operational functions. This makes it easy to control and monitor the tramlining, the electric metering drive plus and also the seed rate from the tractor cab.

The display shows the operational positions of the bout markers and the tramline control. In addition, also indicated are the area sown and the fill level of the seed hopper.

MEMBER OF AEF

ISOBUS as the basis for intelligent communication

One language, many benefits!

Each ISOBUS-enabled machine from AMAZONE comes with the latest technology and almost unlimited possibilities. It makes no difference whether you use an operator terminal from AMAZONE or an ISOBUS terminal fitted directly in the tractor. ISOBUS is an internationally recognised standard for communication between the operator terminal, tractors and connected implements on the one hand and Farm Management Information Systems on the other.

Operation via a wide-range of ISOBUS terminals

Which means that ISOBUS enables you to take control of all your ISOBUS compatible equipment. You only have to connect the machine to the respective ISOBUS terminal and the usual operator interface appears on the monitor in your tractor cab.

Benefits of ISOBUS at a glance:

- This worldwide standard provides a uniform interface and data exchange formats that ensure compatibility even with third party manufacturers
- Plug and Play between machine, tractor and additional ISOBUS implements

AMAZONE ISOBUS terminals
AmaPad 2 and AmaTron 4

AEF Certified ISOBUS
www.aef-isobus-database.org

Perfectly developed machine operation from AMAZONE

AMAZONE machines and operator terminals offer a range of functions which are very easy and safe to operate:

- Highest compatibility and function flexibility of your ISOBUS equipment
- No additional modules on the machine side. All ISOBUS machines from AMAZONE come ready equipped with the necessary ISOBUS functions as standard
- Practice-oriented machine software and logical menu structure
- MiniView display with all AMAZONE terminals and additional ISOBUS terminals. See e.g. the machine data in the map view
- Possibility of operating the machine via the tractor terminal or a twin terminal solution
- Flexible assignment of the map and machine view between the tractor terminal and the operator terminal
- Unique operation concept. Freely-configurable displays and individual user interfaces for each driver
- Useful additional functions such as automatic boom lowering on AMAZONE crop protection sprayers
- Integrated TaskController data logger function

Clearly structured AMAZONE machine operation

Advantages of the AMAZONE machine software:

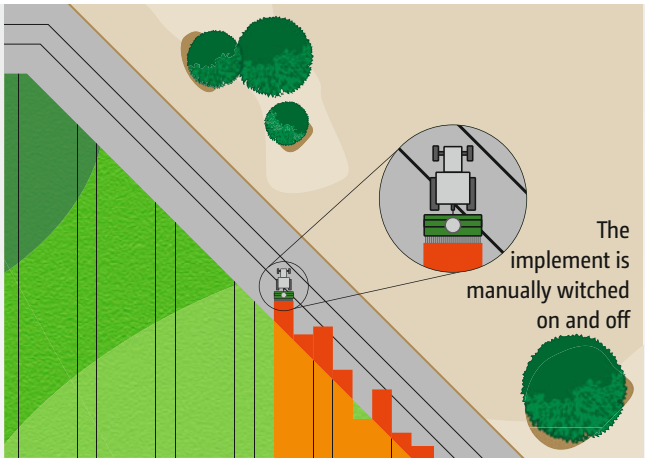
- User-oriented and intuitive
- Tailored to the machine
- Functional range above and beyond the ISOBUS standard

Clear display of the work menu in the AMAZONE machine operation

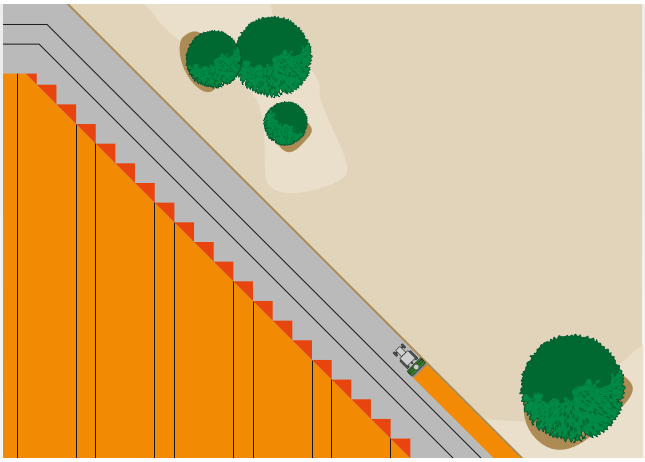
GPS-Switch automatic part-width section control

Accurate placement of the seed

Precise sowing is very important, in order to avoid over- and under-sowing in critical areas. A remedy for accurate placement is offered by the half-side control, which reduces the overall working width to half so that a significant saving is achieved, especially in wedge shaped fields and on the headland. The two halves of the drill each correspond to one controllable part-width section.



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

If the operating terminal features Section Control, such as, for example, GPS-Switch part-width section control from AMAZONE, the switching of the part-width sections can be carried out completely automatically and in relation to the GPS position. Once a field has been created, the driver can concentrate fully on operating the vehicle in automatic mode, since the part-width sections are switched automatically in wedge shaped fields and on headlands.

Benefits of automatic part-width section control:

- Relieves stress on the driver
- Increase in precision, especially at night or at higher speeds
- Less overlaps and gaps
- Saving of inputs
- Less crop damage and environmental impact

"With Section Control, the ISOBUS terminal takes on so much of the work from the driver."
("dlz agrar magazine" – test report ZA-TS fertiliser spreader · 02/2017)

GPS-Switch

With GPS-Switch, AMAZONE offers a GPS-based, fully automatic, part-width section control for all AMAZONE operator terminals and ISOBUS compatible fertiliser spreaders, crop protection sprayers or seed drills.

GPS-Switch basic

- Automatic part-width section control for up to 16 part-width sections
- Creation of a virtual headland
- Automated boom lowering with an AMAZONE crop protection sprayer
- Standard with AmaPad 2
- Optional with AmaTron 4

GPS-Switch pro (as an add-on to GPS-Switch basic)

- Automatic part-width section control with up to 128 part-width sections, particularly for crop protection sprayers with individual nozzle control
- Marking of obstacles (e.g. water holes, pylons)
- Auto-zoom when approaching the headland
- Standard with AmaPad 2
- Optional with AmaTron 4

Workday made easy –

Make the most of the possibilities!

GPS-Maps&Doc

All standard ISOBUS terminals from AMAZONE can collect and save machine and site-specific data using Task Controller. Part-area, site-specific operation via application maps in either Shape file or ISO-XML formats is also possible.

- Easy creation, loading and processing of jobs
- Start a new task straight away and decide later whether the data is saved or not
- Import and export of jobs in ISO-XML format
- Job summary via PDF export
- Intuitive system for running application maps in Shape file or ISO-XML formats
- Automatic part-area, site specific regulation of the application rate
- Indication of inactive field boundaries and automatic field detection when approaching the vicinity
- Optimum crop management using need-oriented application
- Standard on AmaTron 4 and AmaPad 2

GPS-Track

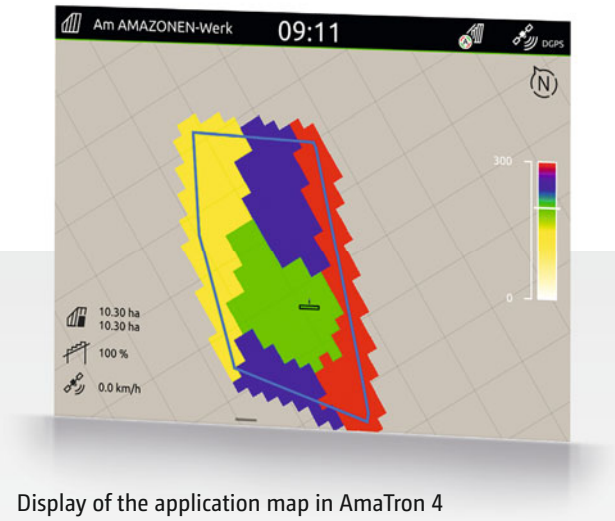
The GPS-Track parallel guidance greatly helps with orientation in the field, especially on grassland or in areas without tramlines.

- With a virtual light bar in the status bar
- Automatic tramline control via GPS for seed drills
- Various track modes such as A-B lines or contour driving
- Standard with AmaPad 2
- Optional with AmaTron 4

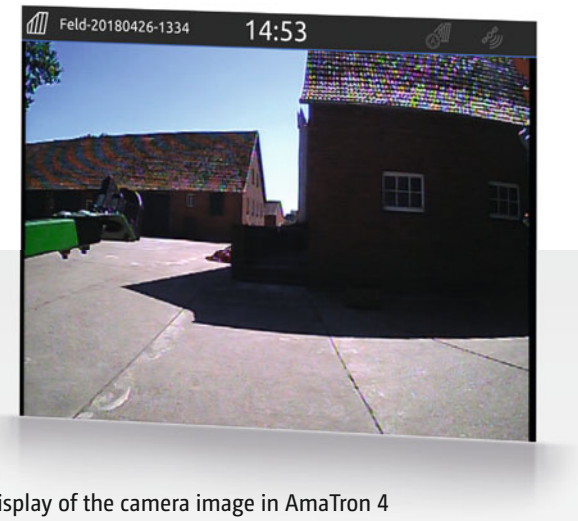
AmaCam

Software licence for the display of one camera image on AmaTron 4 and up to two camera images on AmaPad 2.

- Automatic display of the camera image on AmaTron 4 when reversing



Display of the application map in AmaTron 4



Display of the camera image in AmaTron 4

AmaTron 4

Manager 4 all

Simple and convenient operation as intuitive as your tablet

Why not handle a terminal as intuitively as a tablet or a smartphone? With this in mind, AMAZONE has developed the operator-friendly AmaTron 4 which offers a noticeably smoother operational procedure, especially when it comes to job management. The AmaTron 4, with its 8"multi-touch colour display meets the highest expectations and offers maximum user-friendliness. A swipe of the finger or use of the App carousel allows quick changes between applications and the simple and clearly structured operating menu. A useful MiniView, a freely configurable status bar as well as a virtual light bar make the use of the AmaTron 4 particularly clear and convenient.

- Machine operation (UT, Universal Terminal) in day and night mode

Benefits of AmaTron 4:

- Automatic full screen mode when not in use
- Automatic display of the touch buttons via a proximity sensor
- Practical MiniView concept
- Actuation via multi-touch colour display or soft keys
- Especially intuitive and user-friendly
- Field-related documentation
- Practice oriented and intelligent menu navigation
- Practical quick-start menu with import and export of job data, help windows, day/night mode and the AUX-N assignment
- One camera input and automatic reversing detection
- Free trial period for all chargeable licences
- AmaTron Connect – for yet more access to the digital age

Equipped as standard with:

GPS-Maps&Doc

AmaTron Connect

New ways of comfortable networked operation

With AmaTron Connect, AMAZONE provides a digital interface to a smartphone or tablet. The mobile device and AmaTron 4 are simply connected as a hotspot. AmaTron Connect enables use of the AmaTron Twin App as well as data exchange via agrirouter and the myAmaRouter App.

- Everything in view at all times with the AmaTron Twin App

AmaTron Twin App

Clear display enhancement

The AmaTron Twin App offers the driver even more comfort in work, as GPS functions in the map view can also be operated via a mobile device, such as a tablet, in parallel with machine operation in AmaTron 4.

Advantages of the AmaTron Twin display enhancement:

- Use of an existing mobile device
- Greater clarity – all applications in view
- Comfortable control of GPS functions in the map view in parallel via the mobile device
- Clear, authentic representation of the working machine and its part-width sections

Now download the free App and try the DEMO in the App.

Alternative map views with AmaTron Twin – clear display of the machine and its part-width sections, as well as buttons on the right hand side of the mobile device.

agrirouter –

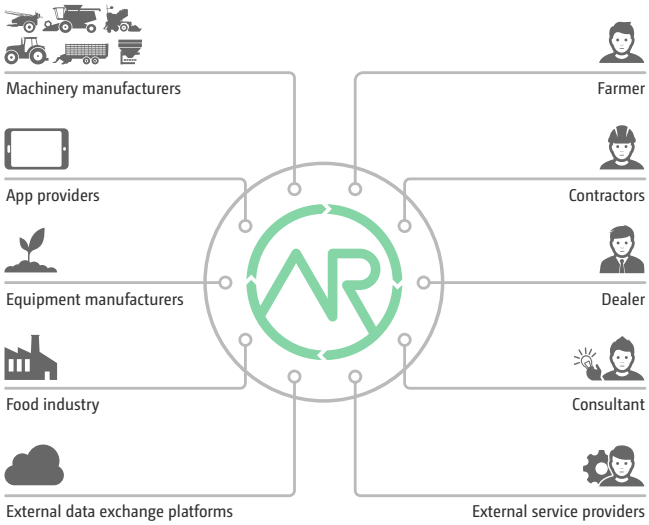
the independent data exchange platform for agriculture

ready for agrirouter

- Watch the video for more details

Secure data exchange

agrirouter is an independent data exchange platform for farmers and contractors. It enables simple and cross-manufacturer data exchange between machines and agricultural software applications, thereby reducing administration. The user retains full control over the data at all times.



- The manufacturer-independent agrirouter enables secure and uncomplicated data exchange.

myAmaRouter App

For the on-line transfer of data between AmaTron 4 and agrirouter

The myAmaRouter App enables data to be exchanged between the AmaTron 4 ISOBUS operator terminal and the agrirouter manufacturer-independent data exchange platform. If an AMAZONE machine is to be used to carry out a task with job data (e.g. application maps), the data can be easily transmitted from a Farm Management Information System (FMIS) to AmaTron 4 via agrirouter and the myAmaRouter App. After the work has been completed, the job can be sent back and is available for documentation in an agricultural software application.

Benefits of agrirouter:

- Simple data exchange between the AmaTron 4 ISOBUS operator terminal and the manufacturer-independent agrirouter data exchange platform
- Easy and rapid transfer of job and task data without the need for a USB stick
- More flexibility for data exchange and documentation

Uncomplicated data transfer. Transparent and secure!

AD-P 3001 Special

AmaPad 2

An especially comfortable method of controlling agricultural machinery

The most important information at a glance – in full screen mode or in the MiniView

The new dimension in control and monitoring

With AmaPad 2, AMAZONE offers a particularly high-quality operator terminal. The 12.1" multi-touch colour display is particularly user-friendly and fulfils the highest demands of Precision Farming. AmaPad 2 is operated solely via touch.

With the practical "MiniView concept", applications which aren't being actively operated at that moment, but need to be monitored, are clearly displayed at the side. When needed, these can be enlarged using "a finger swipe". The possibility of individualising the "dashboard panel" with a choice of display rounds off the user ergonomics.

Benefits of AmaPad 2:

- High-end ISOBUS operator terminal with a large touch display
- Extended MiniView concept enables the parallel display of up to a maximum of four menus
- Quick-start button and integrated light bar
- Two camera inputs
- Day-night mode

Equipped as standard with:

GPS-Maps&Doc
GPS-Switch basic
GPS-Switch pro
GPS-Track

Two cameras enable continuous monitoring of the surrounding areas during field work or on the road

AmaPilot^{+} – Everything to one hand!

Thanks to the AUX-N feature, you can operate multiple functions of the machine via AmaPilot^{+} or any other ISOBUS multi-function joysticks.

The benefits of AmaPilot^{+}:

- Almost every function directly controlled across 3 levels
- Adjustable palm rest
- Freely-available key assignment

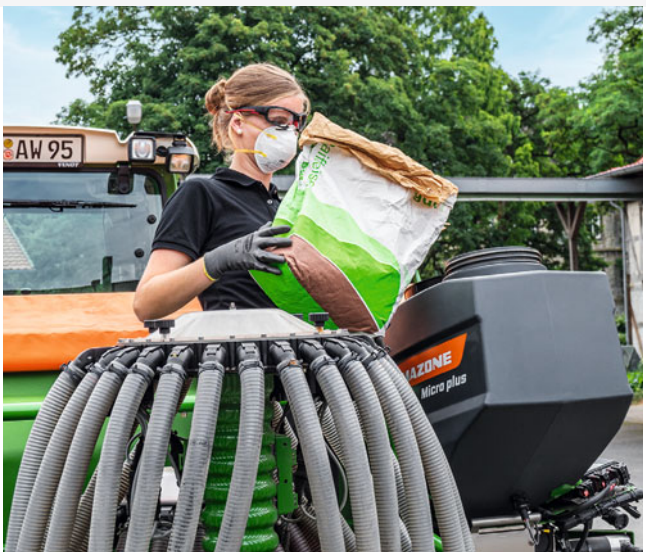
Overview of ISOBUS terminals	AmaTron 4 	AmaPad 2 
Display	Large 8" multi-touch colour display	Large 12.1" multi-touch colour display
Mode of operation	Touch and 12 soft keys	Touch
Interfaces	Serial interface for GPS Two USB ports	
Sensor connection, e.g. nitrogen sensor	via SCU-L adapter	via SCU-L adapter or PeerControl
Job management and processing of application maps (ISO-XML or Shape file formats)	GPS-Maps&Doc	
Automatic part-width section control (SectionControl**)	GPS-Switch basic * with up to 16 part-width sections or GPS-Switch pro * with up to 128 part-width sections	GPS-Switch basic + pro with up to 128 part-width sections
Parallel guidance aid	GPS-Track * with virtual light bar	GPS-Track with virtual light bar
Automatic track guidance	–	Steer-Ready Set * for the Pantera self-propelled sprayer
Camera connection/licence *	Single camera connection / AmaCam * with automatic reversing detection	Twin camera connections / AmaCam *

* = optional / ** = Note the max. no. of machine part-width sections

Micro plus micro-granular applicator

For rapid seedling development of the plant

The Micro plus hopper can be easily accessed via the loading board



Filling is quick and simple

Micro plus micro-granular applicator

The Micro plus micro-granular applicator can be used to place small quantities of fertiliser directly by the seed corn during sowing. The micro-granular applicator meters the fertiliser into the seed row of the drill. The fertiliser is thereby delivered to the soil via the conveying system together with the seed using a single-shoot process.

Micro plus is equipped with a central electric metering system under the easily-accessible 110 l hopper. The exchangeable metering cassettes in the metering unit can be used for high-output sowing at various application rates.

The filling opening with a diameter of 195 mm enables quick and easy filling. The micro-granular applicator is controlled via the ISOBUS software of the seed drill.

Technical data:

AD-P Special harrow-mounted seed drill

	AD-P 3001 Special	AD-P 3501 Special	AD-P 4001 Special
Working width (m)	3.00	3.50	4.00
Transport width (m)	3.00	3.50	4.00
Number of rows	24/20	28/24	32/26
Row spacing (cm)	12.5/15.00	12.5/14.60	12.5/15.40
Hopper capacity without extension (l)	850/1,250		
Hopper capacity with extension (l)	1,100/1,500		
Height to the upper edge of the seed hopper (m)	1.97/2.12		
Height to the upper edge of the seed hopper with extension (m)	2.07/2.23		
Weight with WS coulters without soil tillage implement (kg)	700[1]/715[2]	–	810[1]/830[2]
Weight with RoTeC coulters without soil tillage implement (kg)	810[1]/825[2]	885[1]/900[2]	955[1]/975[2]
Weight with KE Super/WS coulters/PW 600 (kg)	2,336[1]/2,351[2]	2,573[1]/2,588[2]	2,814[1]/2,834[2]
Weight with KE Super/WS coulters/KW 580 (kg)	2,341[1]/2,356[2]	2,555[1]/2,570[2]	2,808[1]/2,828[2]
Weight with KE02/RoTeC coulter/PW 600 (kg)	2,447[1]/2,367[2]	–	2,807[1]/2,822[2]
Weight with KE02/RoTeC coulter/KW 580 (kg)	2,357[1]/2,367[2]	–	2,796[1]/2,813[2]
Weight with KG Special/RoTeC coulter/PW 600 (kg)	2,666[1]/2,681[2]	2,930[1]/2,945[2]	3,209[1]/3,229[2]
Weight with KG Special/RoTeC coulter/KW 580 (kg)	2,671[1]/2,686[2]	2,912[1]/2,927[2]	3,203[1]/3,223[2]

[1] Weight of basic machine **850 l** with coulters, blower fan, 12.5 cm row spacing, Exact harrow, bout markers, operator terminal
[2] Weight of basic machine **1,250 l** with coulters, blower fan, 12.5 cm row spacing, Exact harrow, bout markers, operator terminal

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 have to be checked. Not all the listed combination options are possible with all tractor manufacturers.

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