



**AMAZONE**

# AD-P Special



# Pneumatic seed drill combination

Soil tillage plus harrow-mounted seed drill



❗ "The till and drill combination from AMAZONE is comfortable, simple and precise."

(The Progressive Farmer magazine – comparison test "Pneumatic drill combis" · 05/2016)

❗ "The calibrated seed rate was precisely maintained under all conditions, field emergence was excellent."

(The Progressive Farmer magazine – comparison test "Pneumatic drill combis" · 05/2016)



# AD-P Special

## Precise and comfortable

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# AD-P Special

The reliable pneumatic harrow-mounted seed drill



## The benefits 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
- ⊕ Efficient use of seed using electric half-side shut-off within the segmented distributor head
- ⊕ Easy actuation of asymmetrical tramlining rhythms thanks to the segmented distributor head
- ⊕ Compatible with the latest KE/KX/KG soil tillage generation
- ⊕ Optional, comfortable and stepless coulter pressure adjustment from the tractor cab with easily-to-read display

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

Seed hopper with

**850 l** or **1,250 l**

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



The AD-P pneumatic harrow-mounted seed drill is the ideal drill for cost-effective and 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 either conventional or mulch sowing.



**FOR FURTHER INFORMATION**  
[www.amazone.net/ad-p-special](http://www.amazone.net/ad-p-special)

# Seedbed preparation and sowing

All from one source!

## Keep the flexibility

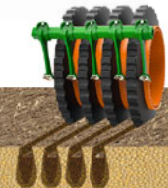
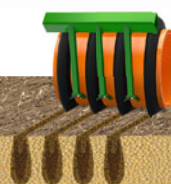
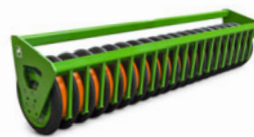
The harrow-mounted seed drill can be combined with either a KE rotary harrow or the KX and KG rotary cultivators.

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



KG rotary cultivator

## 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



KE rotary harrow or KX/  
KG rotary cultivators

with roller

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

### 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.

- ❗ More detailed information on the rotary harrows & rotary cultivators can be found in the separate product brochure available from your sales partner



KE rotary harrow

# 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. The seed hopper is separate from both the distribution head and the seed pipes enabling easy monitoring in work and simple cleaning out for different seed types.

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 at a glance:

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

Rotary cultivator  
(or from choice:  
rotary harrow)

Trapezium roller  
(other rollers  
available  
from choice)

RoTeC Control coulters  
(or from choice:  
WS suffolk coulters)





✔ Seed hopper with  
**850 and 1,250 l**

✔ Hopper extension with  
**250 l**

### 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.



Drag tine harrow

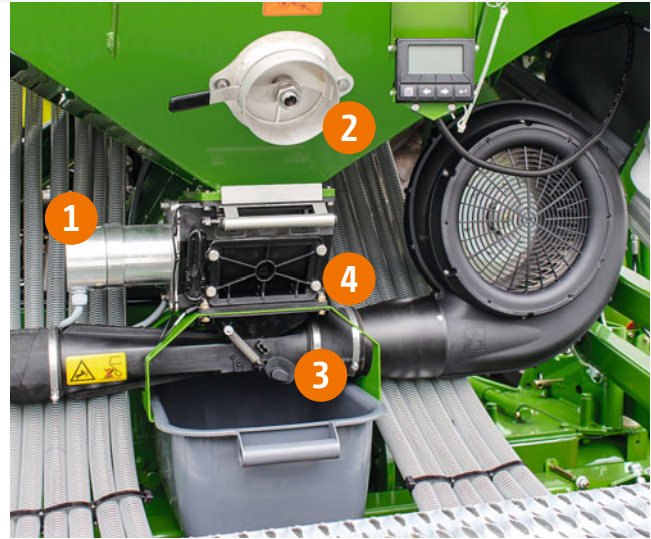
Roller harrow

❗ "Another nice detail is the roll-over cover which, after releasing, automatically rolls up via the springs at the side."  
(top agrar – "Standard with electrics" · 05/2016)

# System Airstar: reliable metering drive

Simple adjustment and comfortable calibration

- ① **Electric metering drive:** electric metering drive comes as standard on the AD-P and is controlled by AmaTron 4 or by 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 empty 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.

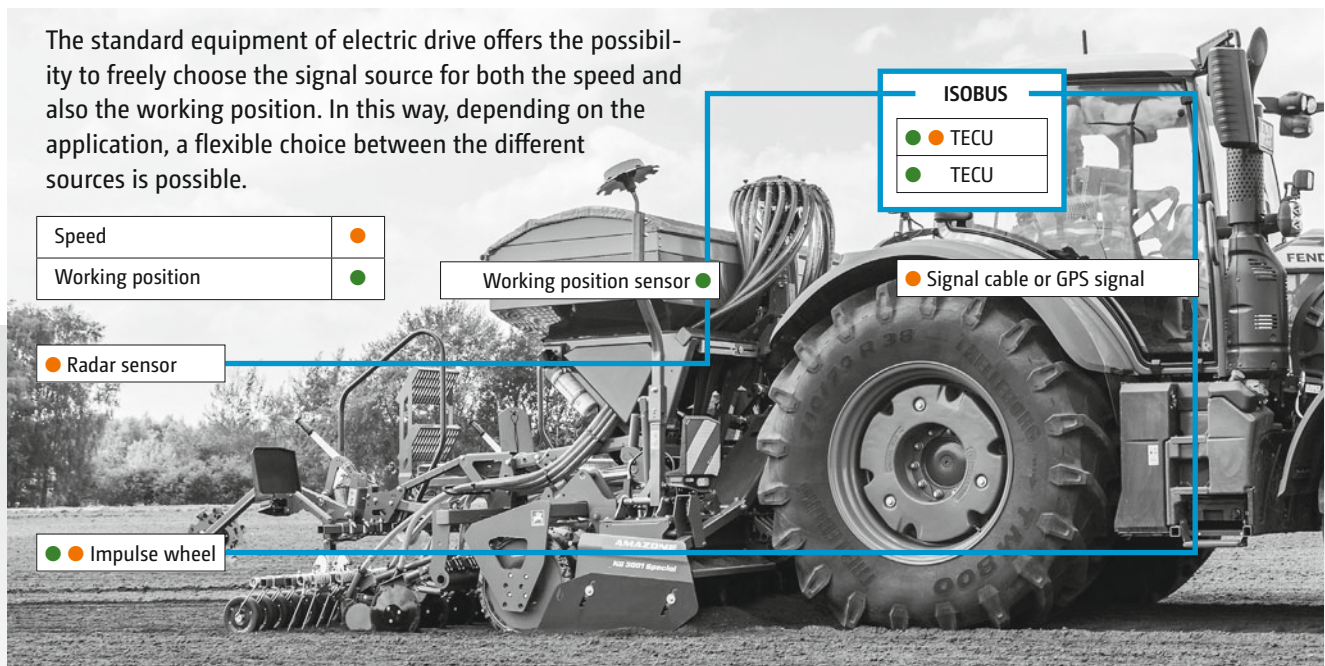


This allows the precise and gentle metering of all seed types and seed rates with excellent distribution along the row even at high forward speeds.

## 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.

Speed	●
Working position	●



● Radar sensor

● Impulse wheel

Working position sensor ●

**ISOBUS**

- ● TECU
- ● TECU

● Signal cable or GPS signal

# System Airstar: perfectly metered

Precise and gentle metering for different seed types

## 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 ISOBUS, Comfort-Pack 1 with its TwinTerminal 3.0. The TwinTerminal is mounted on the seed drill next to the metering units via a magnetic console. This position offers a decisive benefit: the driver now can carry out the actuation and data input for the calibration procedure directly on the machine and thus the repeated climbing up and down into the tractor is no longer necessary.

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

❗ "The electrics also offer far more comfort for the calibration procedure. Thanks to the external remote actuation, the whole unit can now be completely controlled down at the metering unit."  
(top agrar – Test report "with air & output" · 02/2015)

❗ "Our test drivers were highly impressed by the optional TwinTerminal."  
(The Progressive Farmer magazine – comparison test "Pneumatic drill combis" · 05/2016)



Calibration via the TwinTerminal 3.0

## 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 seeds. Additional rollers are available, for instance, for maize or specialist crops. 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).



### ✔ Metering cassettes

- 7.5 ccm: e.g. for linseed, poppies
- 20 ccm: e.g. for rape, stubble turnips, lucerne
- 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



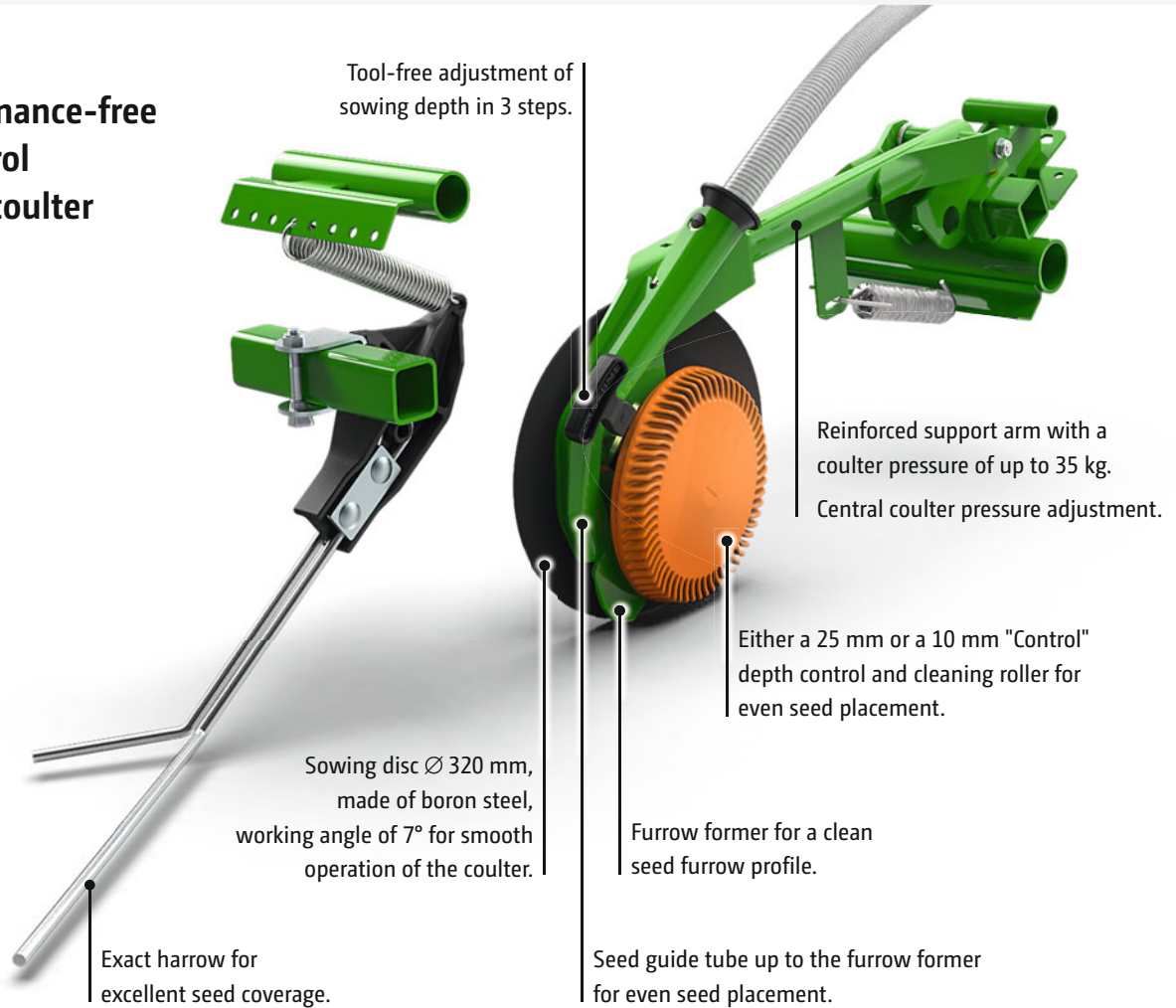
Good accessibility to the metering cassettes eases their exchange

# RoTeC Control coulters

The universally-usable single disc coulters

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

## The maintenance-free RoTeC Control single disc coulters



## Goes right up to the limit of practical operation and placement

RoTeC Control coulters are maintenance-free and work with virtually no wear. Even where large amounts of straw and trash prevail they won't block up. The sowing disc and a furrow former create the seed furrow profile and provide optimum seed delivery into the soil. 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.

## Quality and reliability throughout:

- ✔ Sowing disc made of high grade Boron steel for an even longer service life
- ✔ Wear-resistant or self-cleaning Control 10 depth guidance discs and Control 25 depth guidance rollers for exact adjustment of the placement depth
- ✔ Coulters guidance is split from the reconsolidation for a smoother coulters run and a universal setting that copes in all weather conditions



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

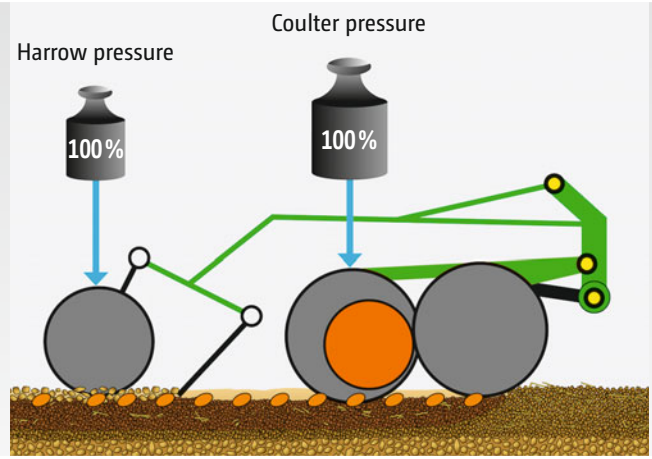
### Depth guidance

One of the unbeatable advantages of the RoTeC Control single disc coulters is that the coulters depth guidance is not coupled from the reconsolidation system. This means that the coulters are raised only once when passing a stone. Furthermore, the coulters and roller pressure can be adjusted independently of each other. This very even and accurately controlled way of guiding the RoTeC Control single disc coulters is ensured by the Control 10 depth guidance roller with its 10 mm wide contact area or the Control 25 depth guidance roller with its 25 mm wide contact area mounted direct on the coulters.

The basic setting of the sowing depth takes place without tools and in 3 steps, directly on the coulters. The finer adjustment then takes place via the coulters pressure.

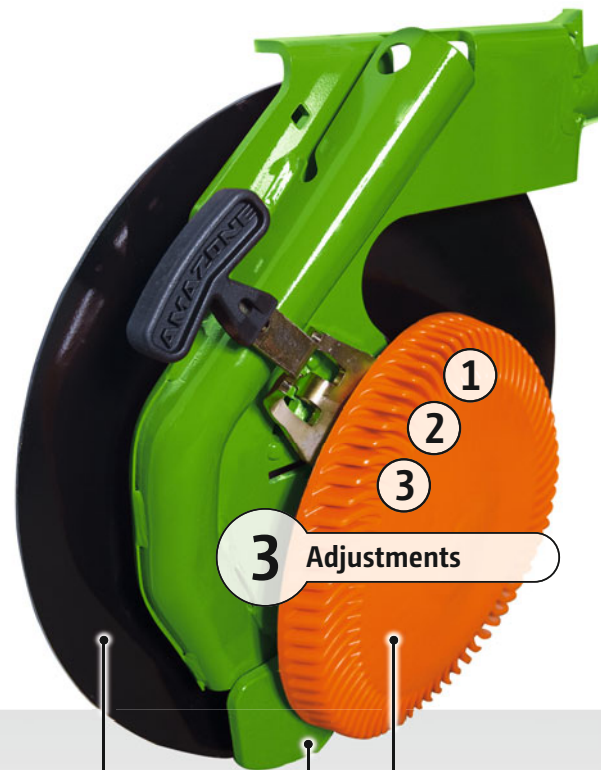


The depth guidance disc is completely removed by means of a handle when very large seeding depths are required.



### Coulters pressure adjustment

Depending on the specification, the coulters pressure is infinitely adjustable, either mechanically or hydraulically and is used for easy adjustment of the sowing depth, allowing for rapid adjustment to the respective soil conditions. RoTeC Control coulters are operated with a coulters pressure of up to 35 kg.



Sowing disc | Furrow former | Control 25 depth guidance roller

# Seed embedment

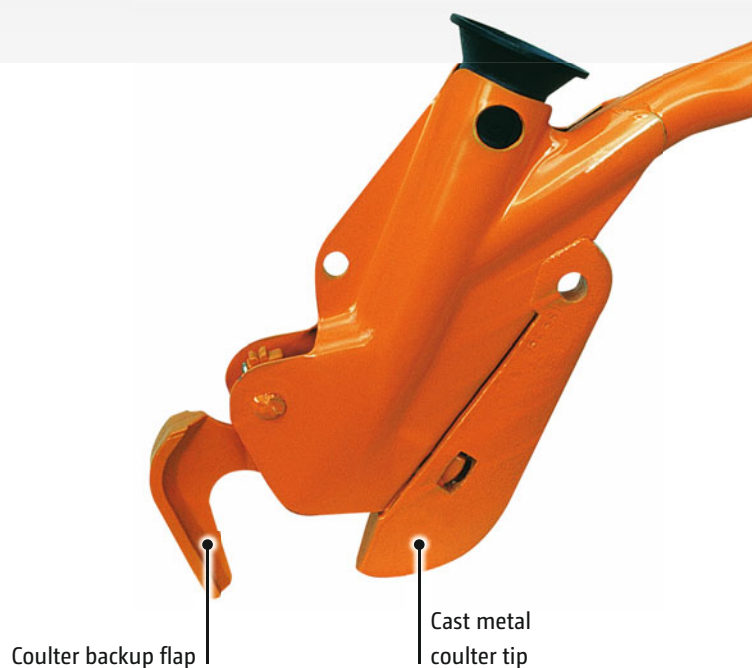
With WS Suffolk coulters for drilling after the plough

## Robust and precise

The **WS coulters** are 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 coulters tip enjoys an enormous service life. For larger farms with hardwearing soils, the quick coulters tip change, where replacement is necessary, is possible by removing just one bolt.

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

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

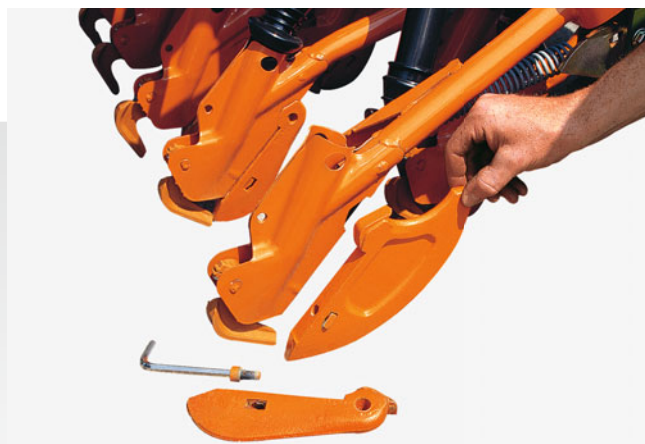


## Sabre coulters tip

For very shallow seed placement on light soils, or when mulch sowing with little straw present, the sabre coulters tip has been developed. With minimal effort, these can be exchanged for the standard WS Suffolk coulters tip.

## Band sowing shoes

Band sowing shoes can be easily clipped on each coulters and distribute the seed in bands for seeds such as grass. They can also be used for reducing the placement depth.





✔ Innovative and precise

## Segmented distributor head

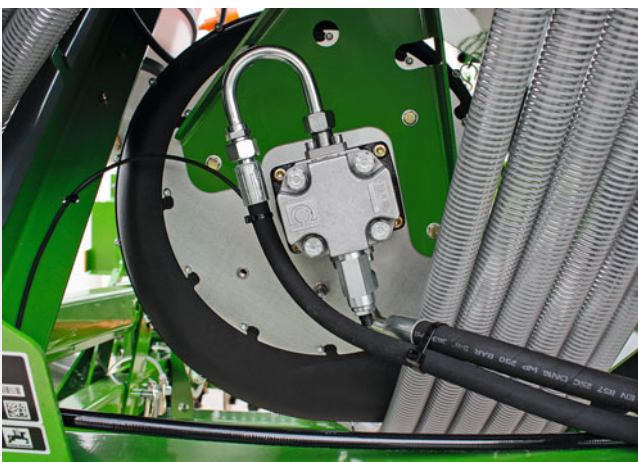
The segmented distributor head provides huge flexibility for the pneumatic seed drill. Without any effort, asymmetrical tramlines can be carried out without any undesirable seed rate reduction on the other half of the machine. The segmented distributor head provides electric half-side shut-off and Section 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

## 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.

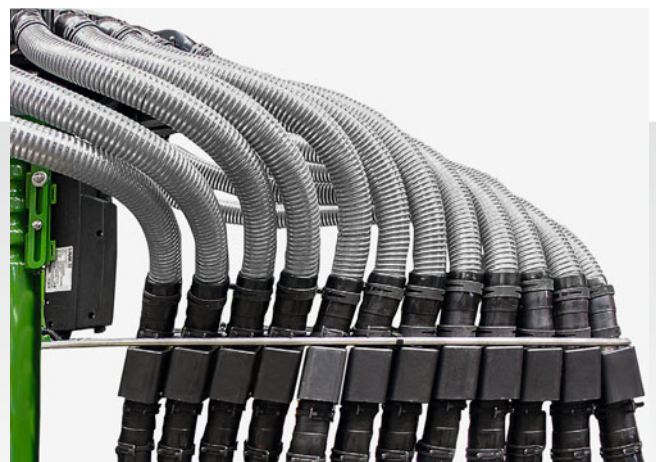


## Variable tramline control

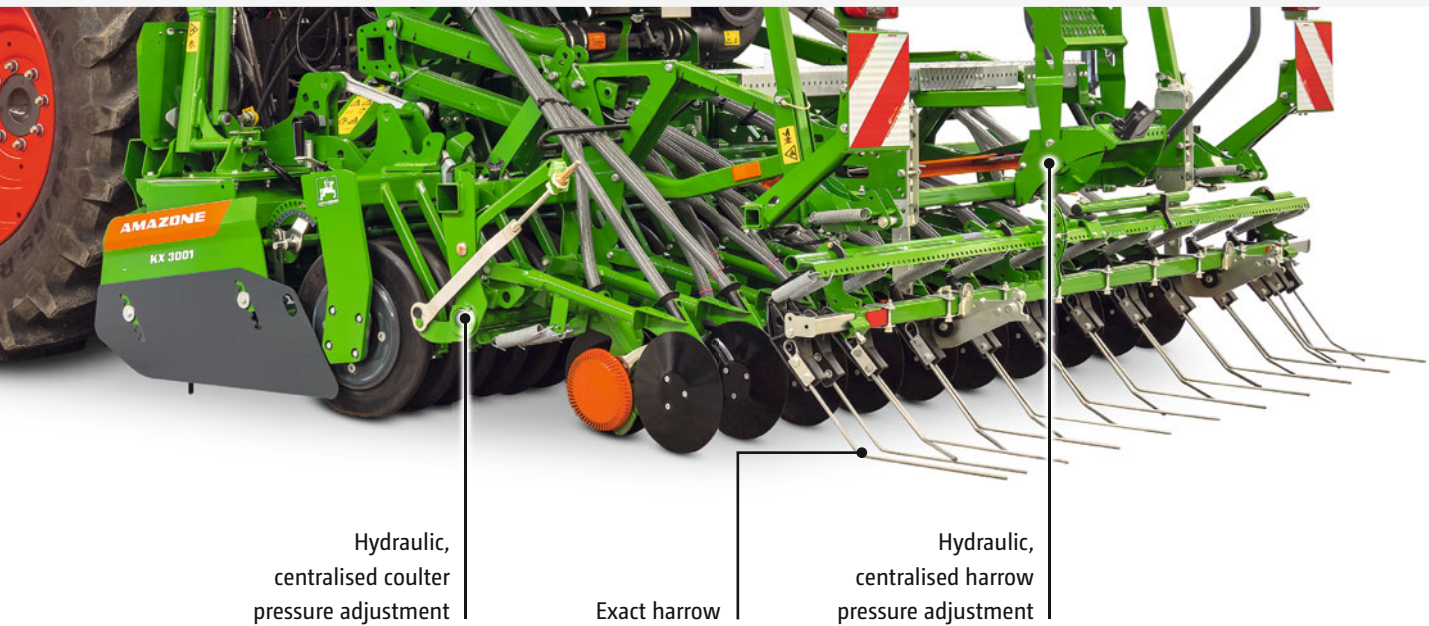
With the aid of the tramline shut-offs, in total up to six seed rows per side can be switched off. The correspondingly wide tramline wheel tracks are suitable for tyre widths up to 1,050 mm on a 15 cm row spacing or 875 mm on a 12.5 cm row spacing depending on the following crop husbandry tractors. In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

## 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 coulters 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.

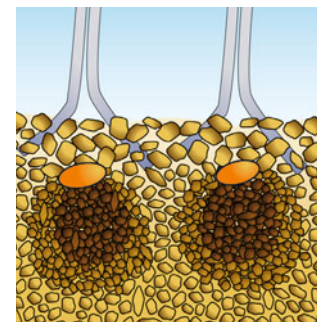
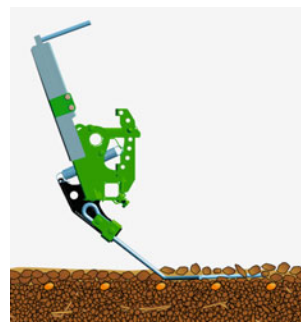


# Exact harrow – perfect seed furrow covering



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 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.



! "The Exact harrow operates very well ..."  
 ("profi" – metering and disc coulters in comparison · 07/2005)

## Coulters pressure adjustment

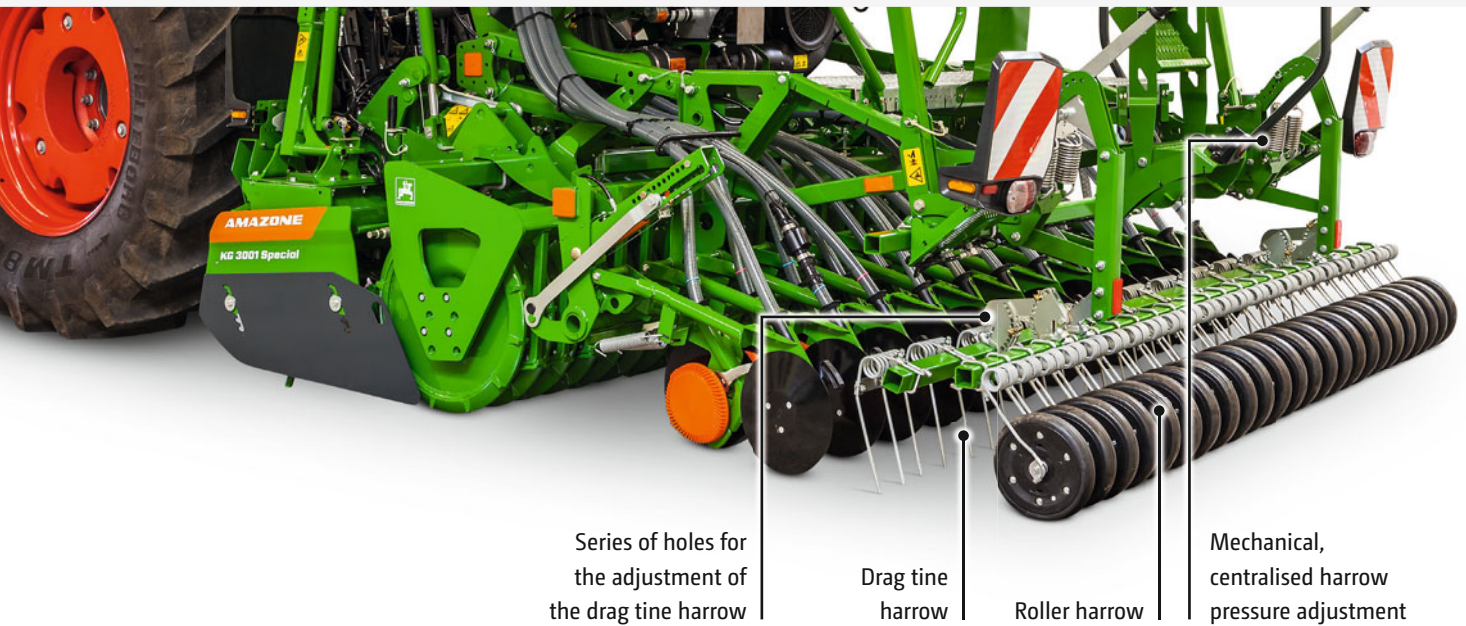
On the AD-P Special, the coulters pressure is mechanically adjusted, centrally. As an option, hydraulic coulters pressure adjustment is available. For ISOBUS machines with hydraulic coulters pressure adjustment, a sensor that triggers an increase in seed rate is available as an option.

## 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 seeds have germinated.

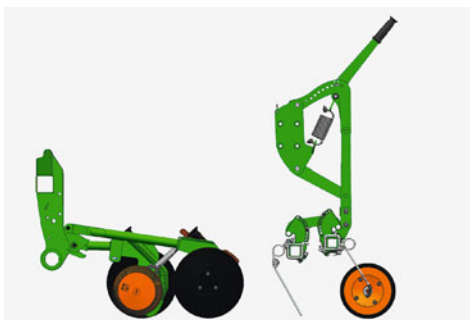


# Roller harrow – adding additional reconsolidation to the seed row



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.

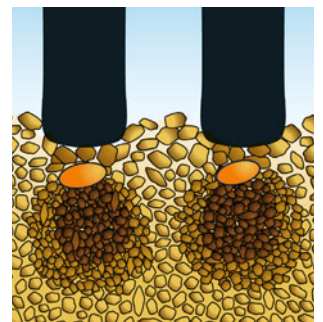
An undulating surface profile that reduces erosion is the result. The Roller harrow, adjustable separately from the coulter pressure, can follow the ground contours over a range of  $\pm 100$  mm.



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



Roller harrow pulled 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. In this way, the intensity of the pressure on the rollers on the Roller harrow can be adjusted to suit soil conditions or the

press rollers can be taken out of work altogether.

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.

# Operation made easy!



KG 3001 Special with AD-P 3001 Special



## 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:

- ✔ Adjusting the track marker,
- ✔ Adjusting the coulter pressure,
- ✔ Adjusting the pre-emergence markers,
- ✔ Adjusting the Exact following harrow,
- ✔ Height adjustment of the levelling board,
- ✔ Adjusting the side plates,
- ✔ Opening the protective sieve



✔ Universal setting tool

## Simply simple: AmaDrill<sup>+</sup>

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

# ISOBUS –

Machine operation in the digital age

MEMBER OF



## One language, many benefits!

Each ISOBUS-enabled machine from AMAZONE comes with the latest technology and almost unlimited possibilities. It does not matter whether it is an AMAZONE operator terminal or an ISOBUS terminal directly installed in the tractor. ISOBUS indicates a global standard for communication, on the one hand, of between the operator terminal, tractors and connected implements, and agricultural office software 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 format that ensures compatibility even with third party manufacturers
- ✔ Plug and Play between machine, tractor and additional ISOBUS implements



# AMAZONE – more than just ISOBUS

Improved control, better yields! Precision Farming 4.0

## Our competence in electronics

To increase the operational comfort, AMAZONE implements and operator terminals feature a level of functionality far beyond ISOBUS standards.

### The benefits of more than just ISOBUS:

- ✔ Highest compatibility and function flexibility of your ISOBUS equipment
- ✔ No additional modules on the machine side. All ISOBUS machinery from AMAZONE is already equipped as standard with the necessary ISOBUS functions
- ✔ MiniView display with all AMAZONE terminals and additional ISOBUS terminals. See, for instance, the machine information in the GPS view
- ✔ The possibility using the tractor terminal or in a twin terminal solution to separate the functionalities of tractor and connected implement

- ✔ Unique operation concept. Freely-configurable displays and individual user interfaces in the operator terminal
- ✔ Up to 3 user profiles are possible. Establish for every driver or operation an individual user profile!
- ✔ Freely-configurable machine operation, e.g. folding of the boom of your AMAZONE crop protection sprayer
- ✔ Intelligent tractor-ECU function evaluation  
Automatic motion sequence detection such as the automatic locking of a steering axle when reversing
- ✔ Integrated TaskController data logger. As a matter of principle, every ISOBUS telemetry solution is possible (for example, TONI telemetry from CLAAS)
- ✔ Freely-configurable part-width sections



# Make full use of the possibilities

## Job management and documentation

All standard ISOBUS terminals from AMAZONE can collect and save machine and site-specific data using Task Controller. The collected data can subsequently be used in your Farm Management Information System.

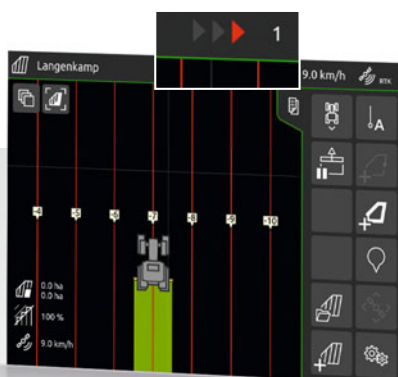
- ✔ Create or load jobs with ease
- ✔ Processing jobs
- ✔ Document and export the work done
- ✔ Processing of application maps in an ISO-XML format

## GPS-Track

The GPS-Track parallel guidance aid greatly eases orientation in the field, especially on grassland or areas without tramlines. It features various track modes such as A-B line and contour line driving. The deviation from the ideal line is graphically displayed via an integrated light bar. You always remain on track thanks to the clear steering guidance with precise tramline distances!

- ✔ With a virtual light bar in the status bar
- ✔ Delivered as standard with AmaPad 2
- ✔ Optional for AmaTron 4

GPS-Track –  
your parallel driving aid  
in the field



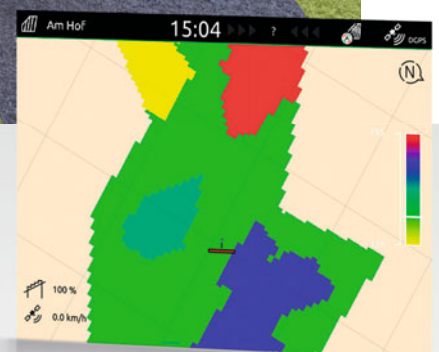
## GPS-Maps

Part-area, site-specific application without any complications is possible with GPS-Maps. This is because this software module enables easy processing of application maps in Shape file format. Here, either the required rate of the actual material to be spread or also the required active ingredient rate can be directly processed.

- ✔ Intuitive system for processing application maps
- ✔ Automatic part-area, site specific regulation of the application rate
- ✔ Optimum crop management via needs-based application
- ✔ Delivered as standard with AmaTron 4 and AmaPad 2



GPS-Maps –  
part-area, site specific  
application



# agrirouter – the independent data hub for agriculture



## Simple and secure data exchange

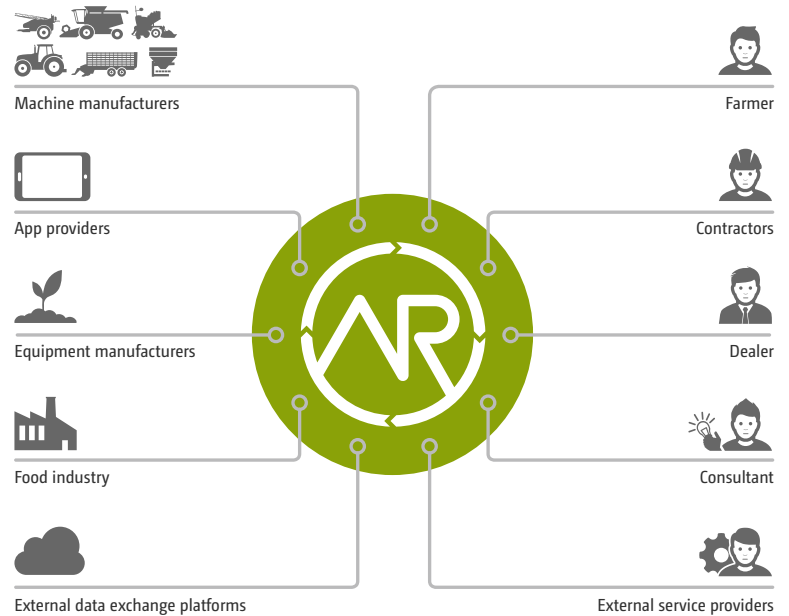
AMAZONE opens the way to universal data exchange by means of the manufacturer-independent agrirouter. The agrirouter enables data to be exchanged between AMAZONE machinery, agricultural software, manufacturers and companies both securely and without any complications.

### Benefits of the agrirouter:

- ✔ Simple and easy handling
- ✔ Comfortable and fast transmission
- ✔ Full control of your data
- ✔ Data is transferred, not stored
- ✔ Manufacturer-independent use

## Full control – decide for yourself!

agrirouter simplifies any data transfer by allowing wireless exchange of job data and application maps between AMAZONE machinery. It simplifies operating procedures, reduces administrative effort and improves profitability. You retain control of the data and decide who gets which data and to what extent.



Source: DKE-Data GmbH & Co. KG



AMAZONE implements a connection to an ISOBUS machine via the AmaTron 4

# Automatic GPS-Switch part-area shut-off with Section Control

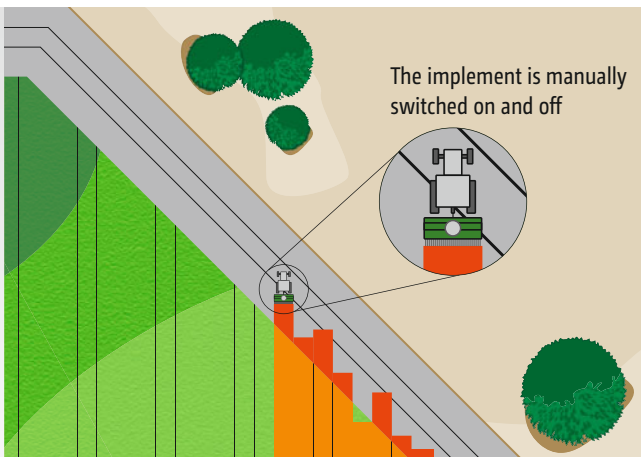


## Accurate placement of the seed

To avoid the over and under sowing in critical areas that often occurs in practice, precise sowing is very important. The remedy for the accurate placement is offered by the half-side control which reduces the relevant working width

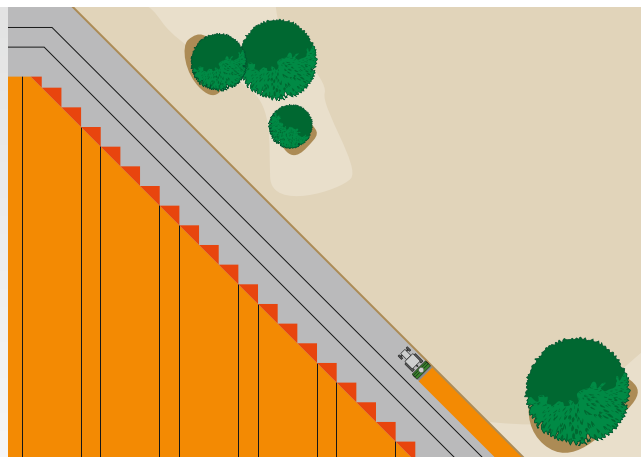
to half so that, especially in short-work and on the headland, a significant saving is achieved. The two halves of the drill each correspond to one controllable part-width section.





The implement is manually switched on and off

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

## Automatic part-width section control

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

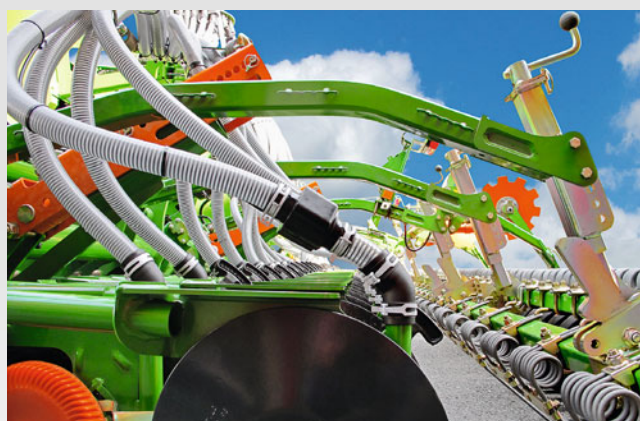
- ✔ Automatic part-width section control for up to 16 part-width sections
- ✔ Optional for AmaTron 4

### GPS-Switch pro

- ✔ Automatic part-width section control for up to 128 part-width sections
- ✔ Creation of a virtual headland
- ✔ Creation of Point of Interests (POI)
- ✔ Automatic boom lowering on AMAZONE crop protection sprayers
- ✔ Delivered as standard with AmaPad 2
- ✔ Optional for AmaTron 4

## GPS-Switch with AutoPoint

The new AutoPoint system automatically determines the delay time, i.e. the time between the start and end of metering, and the flow characteristics of the seed at the coulter. The seed flow at the coulter is permanently monitored for each switching point via a sensor on the coulter. Changes in the flow characteristics of the seed and changes in the driving behaviour can therefore be reacted to.



Sensor for registering seed flow at the sowing coulter

# ISOBUS terminals from AMAZONE

Intuitive, comfortable, better – your workday made easy

## From simple to high-tech – everything is possible

With the ISOBUS-compatible AmaTron 4 and AmaPad 2, AMAZONE offers two extremely comfortable to use operator terminals for ISOBUS machinery. In addition to the pure machine operation, even more application possibilities are available, such as, for example, the automatic GPS-Switch (Section Control) part-width section control.

- ✔ All applications come pre-installed and can be initially tested free of charge.
- ✔ Intuitive and clear actuation

## Everything in view with the 2 terminal solution

In addition to the possibility of operating AMAZONE ISOBUS machinery via the tractor terminal, there is the practical alternative of separating the functions of the tractor and the mounted implement and operating them via two terminals. The tractor terminal can continue to control the tractor or display the GPS applications, while the other operator terminal, with its UT view, is dedicated to the control and operation of the machinery.



Terminal	AmaTron 4	AmaPad 2
Display	8" multi-touch colour display	12.1" multi-touch colour display
Operation	Touch and 12 soft keys	Touch
Interfaces	1 x Ethernet 2 x RS232 (GPS & ASD) 2x USB interfaces	1 x Ethernet 2 x RS232 (GPS & ASD) 2 x USB interfaces with WIFI stick
Job management and processing of application maps (ISO-XML and Shape)	GPS-Maps&Doc with integrated Task Controller	Task Controller
Parallel steering aid	GPS-Track * with virtual light bar	GPS-Track pro with virtual light bar
Automatic track guidance	–	GPS-Track Auto for the Pantera self-propelled crop protection sprayer
Automatic part-width (section control) <small>Note: Note the maximum part width sections of the machine!</small>	GPS-Switch basic * with up to 16 part-width sections or GPS-Switch pro * with up to 128 part-width sections	GPS-Switch pro with up to 128 part-width sections
Camera connection	1x camera connection * with AmaCam automatic reversing detection	2x camera connections *

\* = optional



## All from one source!

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



### The benefits of AmaPilot+:

- ✔ Perfect ergonomics
- ✔ Almost every function directly controlled via 3 levels
- ✔ Adjustable palm rest
- ✔ Freely-programmable, individual key layout
- ❗ "The joystick rests comfortably in the hand."  
("dlz agrar magazine" – Test report Pantera 4502 · 02/2016)



- ❗ "The ISOBUS control is an in-house development from AMAZONE and has been designed clearly and is easily understandable. If desired, any of the keys can be freely allocated. Also the multi-function display can be freely selected."  
("agrarteute" magazine – Centaya seed drill test report · 06/2018)

# 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 developed the highly intuitive and operator-friendly AmaTron 4 which offers noticeably smoother operation, especially when it comes to job management. AmaTron 4, with its 8" multi-touch colour display, meets the highest demands and offers you maximum user-friendliness. A swipe of the finger or using the App carousel allows quick changes between applications and the simple and clearly structured operating menu. The practical MiniView, a freely configurable status bar and an integrated light bar make the AmaTron 4 exceptionally easy and convenient to use.

#### Benefits of AmaTron 4:

- ✔ Automatic full screen mode when not being touched
- ✔ Practical MiniView concept
- ✔ Operation via touch display or via soft keys
- ✔ Particularly intuitive and user-friendly
- ✔ Field-related documentation
- ✔ Practice-oriented and intelligent menu navigation
- ✔ Day-night mode

Equipped as standard with:

**GPS-Maps&Doc**



- ✔ The AmaCam automatic reversing detection system provides direct access to the reversing camera and prevents dangerous situations

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

# AmaPad 2

An especially comfortable method of controlling agricultural machinery



## The new dimension of control and monitoring

With AmaPad 2, AMAZONE offers an especially high performance operator terminal. The 12.1" multi-touch colour display is particularly convenient and fulfils the highest demands from Precision Farming. The operation of AmaPad is carried out entirely by 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 a "dashboard panel" with a display of choice rounds off the user ergonomics.

In addition to GPS-Switch pro, part-width section control, with GPS-Track pro also a professional parallel steering aid with integrated light bar is installed as standard.

### Benefits of AmaPad:

- ✔ Large 12.1" multi-touch colour display
- ✔ Expanded MiniView concept
- ✔ Upgrade to automatic steering is possible thanks to the automatic GPS-Track Auto track guidance
- ✔ Day-night mode

Equipped as standard with:

***GPS-Maps pro***  
***GPS-Track pro***  
***GPS-Switch pro***



# Technical data



KG 3001 Special with AD-P 3001 Special

## 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 <sup>1</sup> /715 <sup>2</sup>	–	810 <sup>1</sup> /830 <sup>2</sup>
Weight with RoTeC Control coulters without soil tillage implement (kg)	810 <sup>1</sup> /825 <sup>2</sup>	885 <sup>1</sup> /900 <sup>2</sup>	955 <sup>1</sup> /975 <sup>2</sup>
Weight with KE Super/WS coulters/KW 600 (kg)	2,336 <sup>1</sup> /2,351 <sup>2</sup>	2,573 <sup>1</sup> /2,588 <sup>2</sup>	2,814 <sup>1</sup> /2,834 <sup>2</sup>
Weight with KE Super/WS coulters/KW 580 (kg)	2,341 <sup>1</sup> /2,356 <sup>2</sup>	2,555 <sup>1</sup> /2,570 <sup>2</sup>	2,808 <sup>1</sup> /2,828 <sup>2</sup>
Weight with KG Special/RoTeC Control coulters/PW 600 (kg)	2,666 <sup>1</sup> /2,681 <sup>2</sup>	2,930 <sup>1</sup> /2,945 <sup>2</sup>	3,209 <sup>1</sup> /3,229 <sup>2</sup>
Weight with KG Special/RoTeC Control coulters/KW 580 (kg)	2,671 <sup>1</sup> /2,686 <sup>2</sup>	2,912 <sup>1</sup> /2,927 <sup>2</sup>	3,203 <sup>1</sup> /3,223 <sup>2</sup>

<sup>1</sup>Weight of basic machine 850 l with coulters set, blower fan, 12,5 cm row spacing, Exact harrow, track markers, operator terminal

<sup>2</sup>Weight of basic machine 1,250 l with coulters set, blower fan, 12,5 cm row spacing, Exact harrow, track markers, operator terminal

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 utilised on all tractor types and/or according to the relevant national regulations.



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.



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