



**AMAZONE**

Trailed seed drill ***Citan***





# Citan trailed seed drill

in working widths of 12 m and 15 m





Due to its easy pulling and working widths of 12 m and 15 m, the Citan trailed seed drill easily gets over the acres. With its 7,800 l hopper capacity, the Citan provides farmers with enormous efficiency, particularly for use on large farms with short sowing time frames. The Citan is equipped with a 3-section pressurised tank as standard, which can also be used to place fertiliser in the seed furrow.



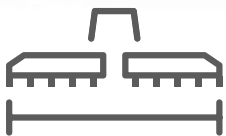
# Citan

Easy to pull, precise and highly efficient!

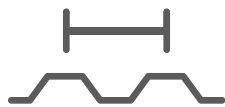
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# Citan trailed seed drill



12 or 15 m



12.5 or 16.6 cm



7,800 l



Up to 16 km/h





# The advantages at a glance:

- + Minimal fuel consumption due to the low pulling power requirement
- + High outputs and work rates with high working speeds of up to 16 km/h
- + Quick turn-round times owing to the generous hopper capacity
- + Clearly arranged and comfortable centralised machine settings
- + High-percentage field germination and maximum longevity with the RoTeC pro single disc coultter
- + Simultaneous application of three seed types
- + Excellent crop development thanks to starter fertilisation in the seed furrow with the single-shoot system
- + Flexible use with existing ISOBUS terminals possible

## MORE INFORMATION

[www.amazone.net/citan](http://www.amazone.net/citan)



**PRODUCT FILM**  
Find out more



**SMARTLEARNING**  
[www.amazone.net/smartlearning](http://www.amazone.net/smartlearning)



# PURE efficiency

Sown at the optimum time with the Citan solo seed drill



## No matter whether conventional or mulch sowing – always quick in work

At working speeds of up to 16 km/h, the Citan trailed seed drill impresses with its high acreage outputs and yet perfect seed placement. The working width of up to 15 m enables the Citan to achieve work rates of up to 15 ha/h.

## Fast and effective - not only on the field

The change between transport position (3 m transport width) and being folded out into the working position (up to 15 m working width) is quick and reliable. Equipped with air braking, the Citan is quick on the road with a permissible speed of up to 40 km/h.\*

\* Please be aware of national road traffic regulations!



# Comfort comes up trumps!



## Comfortable settings centre on the front left-hand side

A special feature of the Citan is the ergonomic settings centre at the front of the machine. Via the large gauges on the front of the Citan, all the important hydraulic functions and the internal tank pressure are always in view.

## Optimally located hopper – convenient and quick to fill

The seed hopper is placed right at the front of the drawbar which transfers additional weight to the tractor's rear axle. This improves traction. The 7,800 l seed hopper can be easily filled from big bags, front end loaders or transfer trailers.

In addition, a robust aluminium ladder and a large platform provide safe access to the hopper for easy filling.

## The benefits

- ✔ Extremely comfortable machine setting from the front left-hand side of the machine
- ✔ Safe hopper access via a sturdy aluminium ladder and large platform
- ✔ Integrated hand wash tank and soap dispenser
- ✔ Practical hose rail for storing the hydraulic hoses

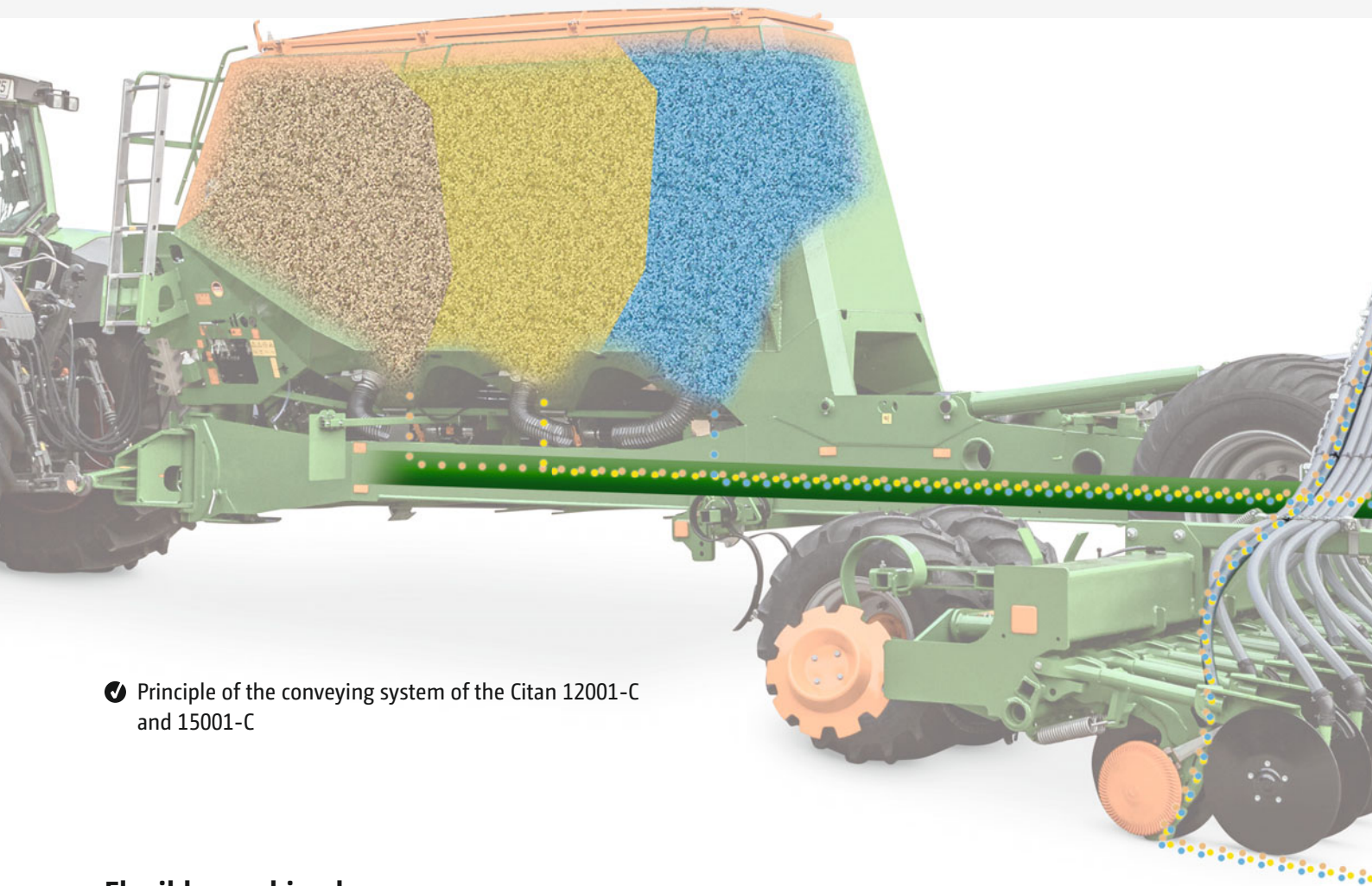


The Citan 12001-C with new settings centre



# Flexibly combined

with 3-section pressurised tank for seed and fertiliser or a combination of seed types



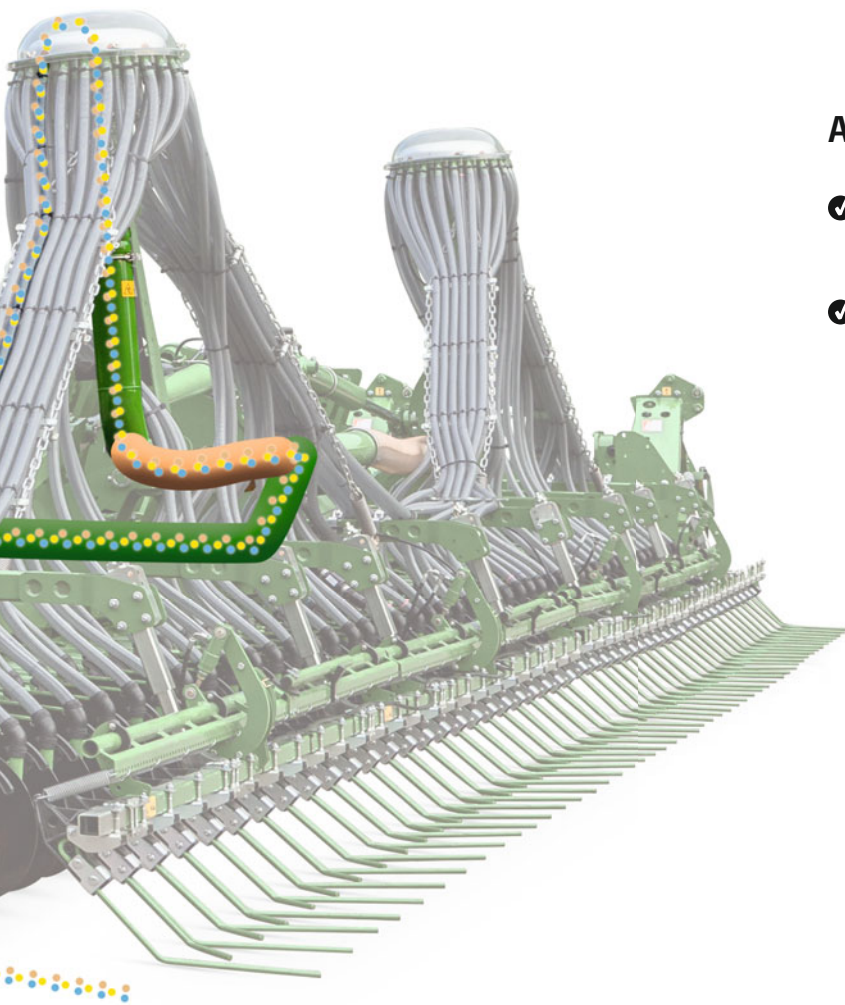
- ✔ Principle of the conveying system of the Citan 12001-C and 15001-C

## Flexibly combined

The Citan offers the option of placing fertiliser or a second seed type as a companion plant/undersown crop in the seed furrow together with the seed. The hopper is divided into 3 sections and can be flexibly combined. If division of

the tank is not required, it can be completely filled with just one seed type.

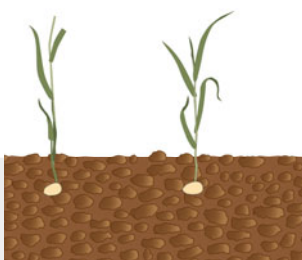




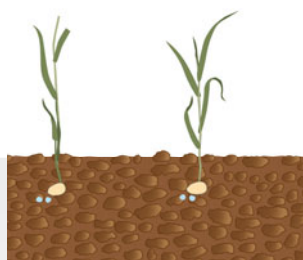
### Advantages of single-shoot:

- ✔ Direct placement of fertiliser near the grain for good starter fertilisation or the ready availability of immobile nutrients
- ✔ Companion crops for plant and yield protection

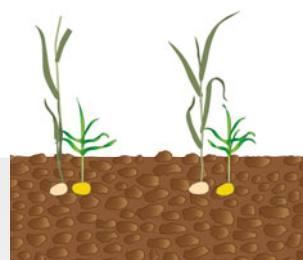
### The options:



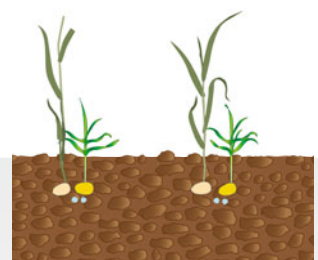
**Seed only**



**Single-shoot:** sowing seed with fertiliser at one placement depth



**Single-shoot:** sowing two seed types at one placement depth



**Single-shoot:** sowing two seed types with fertiliser at one placement depth



# The right drive system

## Metering drive – mechanical or electric

The mechanically- or electrically-driven metering system guarantees a precise and uniform seed flow at seed rates ranging from 2 to 400 kg/ha, depending on the working speed. The metering cassettes supplied as standard cover up to 95 % of all seeds. Additional cassettes are available, for instance, for maize or specialist crops.

### The benefits:

- ✔ Easy exchange of the metering cassettes
- ✔ Calibration kit included as standard
- ✔ Simple emptying of residual amounts via the separate outlet

## Mechanical metering drive – reliable and tried-and-tested

The mechanical land wheel drive is a reliable but simple and cost-effective solution for the Citan. The large diameter land wheel ensures an even, uninterrupted drive of the metering system.

## Metering cassettes for different seed types

### Supplied as standard:

20 ccm



e.g. for rape,  
stubble turnips,  
lucerne

210 ccm



e.g. for barley, rye,  
wheat

600 ccm



e.g. for spelt,  
oats, wheat

660 ccm



e.g. for beans,  
peas, fertiliser

880 ccm



e.g. for high seed  
rates



# Maximum operational comfort

with the electric metering drive of the Citan

## Electric metering drive – ready for precision farming!

The electrically-driven metering enables easy adjustment of the seed rate from the tractor cab, pre-metering in field corners and calibration at the touch of a button.

The metering can even be provided automatically on a part-area, site-specific basis via application maps in the Citan with ISOBUS. The calibration can be easily carried out on the machine via the TwinTerminal.

### The benefits:

- ✔ Easy adjustment of the seed rate from the tractor cab. Also, an alternative, automatically seed rate control on a part-area, site-specific basis via application maps
- ✔ Easy calibration possible via TwinTerminal directly on the machine



- ✔ Precise electric metering drive  
Easy setting via the operator terminal and comfortable calibration

## High operational comfort using Comfort-Pack 1 with TwinTerminal 3.0

AMAZONE offers Comfort-Pack 1, with its TwinTerminal 3.0, for the Citan with electric metering drive, in order to further simplify calibration and residue emptying. The small, additional TwinTerminal mounted directly on the machine offers a key advantage: the driver can now carry out the calibration and input the data directly 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.

### The benefits:

- ✔ Easy calibration via the TwinTerminal without having to repeatedly get off and on the tractor



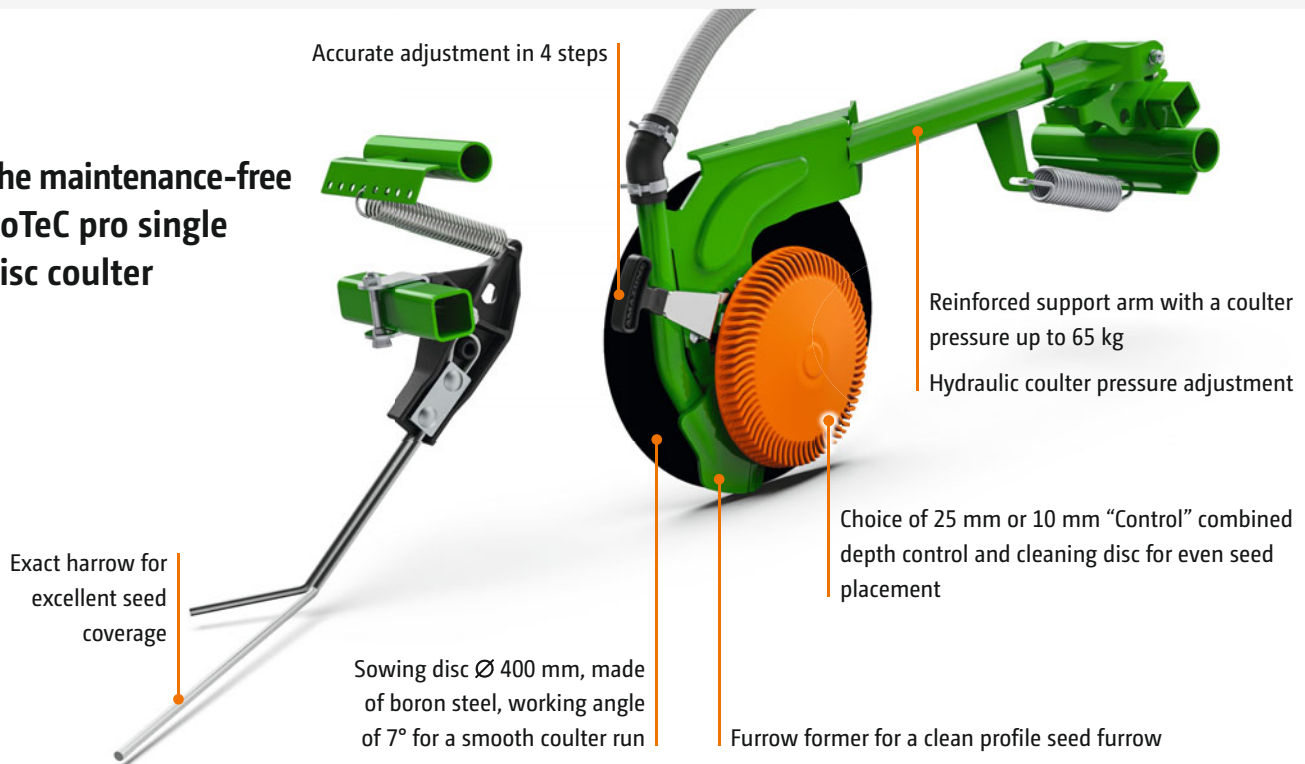
- ✔ Calibration via the TwinTerminal 3.0

# RoTeC pro coulters

The universal single disc coulters

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

## The maintenance-free RoTeC pro single disc coulters



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

RoTeC pro coulters are maintenance-free and work very reliably, even with large amounts of straw and plant residues. The sowing disc and furrow former create the seed furrow profile and provide the 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.

## Advantages of the RoTeC pro coulters

- ✔ High-performance single disc coulters for wet and sticky soil types
- ✔ High level of self-cleaning via the depth guidance disc
- ✔ Decoupling of the coulters depth control from the reconsolidation
- ✔ Up to 65 kg total coulters pressure
- ✔ Hydraulic coulters pressure adjustment
- ✔ Working speeds of up to 16 km/h





✔ RoTeC pro coulters run smoothly and with precision

### Ingenious independent depth control of coulters and following harrow

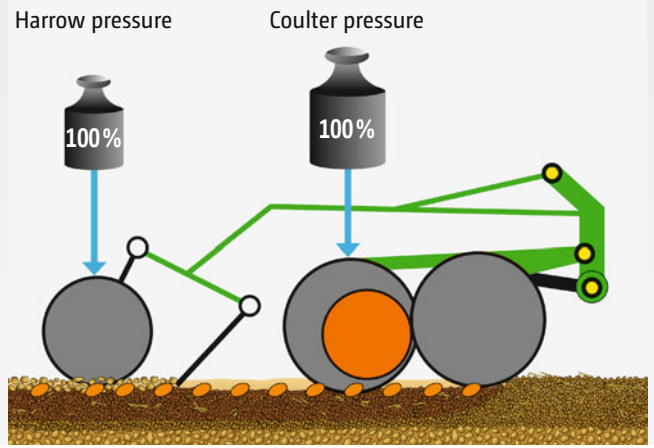
One of the unbeatable advantages of the RoTeC pro coulters is that the reconsolidation is independent to the coulters depth control. This means that the coulters is raised only once when passing a stone. Furthermore, the coulters and harrow pressure can be adjusted independently of each other. This very even and accurately controlled way of guiding the RoTeC pro coulters 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 which are mounted directly on the coulters.

The basic setting of the sowing depth takes place without tools and in 4 steps directly on the coulters.

### Precise and simple adjustment of the RoTeC pro single disc coulters



✔ RoTeC pro coulters (Ø 400 mm) with Control 25 depth guidance disc  
The cleats, which are open at the rear, provide a very good self-cleaning effect.



✔ Splitting the coulters and harrow pressures

### Coulters pressure adjustment

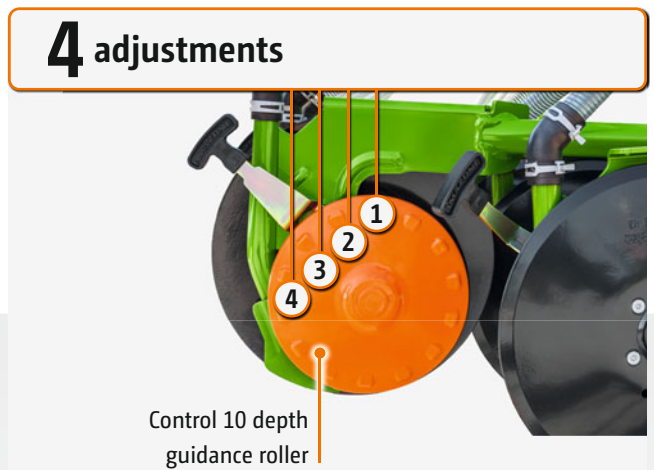
RoTeC pro coulters can be used at coulters pressures of up to 65 kg. With AMAZONE, the actual effective coulters pressure is comparatively higher because the pressure is not divided between a depth guidance disc and the coulters but acts exclusively on the coulters.

### RoTeC pro-S coulters for heavy-duty use

The RoTeC pro coulters, normally with a 25 mm furrow former, is also available as a RoTeC pro-S coulters with a 14 mm furrow former which is more enclosed.

#### The benefits:

✔ Improved penetration characteristics and depth consistency of the coulters, even on heavy and dry ground



✔ RoTeC pro coulters (Ø 400 mm) with Control 10 depth guidance disc



# Exact S following harrow or Roller harrow HD

Flexibility under all operational conditions







### Exact S following harrow – seed coverage

Together with the RoTeC pro coulter, the Exact S following harrow carries out the levelling and seed coverage in both normal and even wet conditions.

**The benefits:**

- ✔ Reliable seed coverage even in heavy and wet soil conditions
- ✔ Optional hydraulic harrow pressure adjustment



✔ RoTeC pro coulters and Exact S following harrow

### Roller harrow HD – additional seed embedment

When the Citan is operated on dry soils, the HD Roller harrow with hardened harrow tines is available.

**The benefits:**

- ✔ Decoupling of coulter and roller pressure
- ✔ Press roller with up to 35 kg of extra pressure
- ✔ For good seed/soil contact
- ✔ Quick changeover to the Exact S following harrow in wet conditions

### With optimised contour following

Thanks to the robust spring suspension, the Roller harrow maintains the roller pressure even on undulating ground. The mechanical contour following by the spring suspension means that the soil is optimally reconsolidated, since the harrow pressure remains constant. Furthermore, the Roller harrow can be matched to the soil conditions.



✔ Sprung-suspended Roller harrow



✔ Sprung-suspended Roller harrow



# Simple and comfortable

AMAZONE AmaLog<sup>+</sup> in-cab terminal



Citan 15001-C in operation



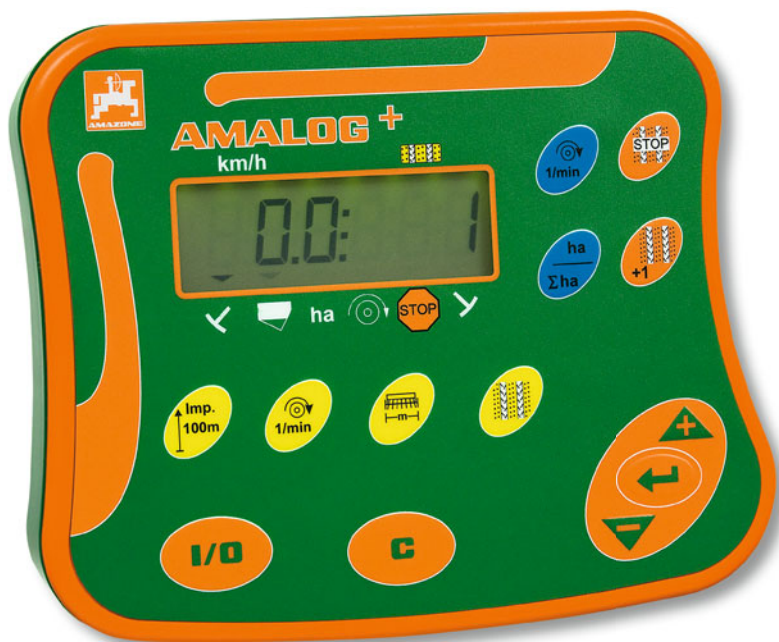


## AmaLog<sup>+</sup> – simple and reliable

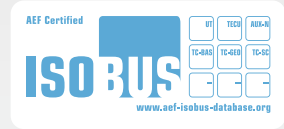
AmaLog<sup>+</sup> is a simple, but very reliable, in-cab terminal for the Citan in combination with the mechanical land wheel drive. Operation is possible using non-ISOBUS ready tractors.

### AmaLog<sup>+</sup> functions

- ✔ Tramline control
- ✔ Pre-emergence markers
- ✔ Fill level monitoring
- ✔ Hectare meter
- ✔ Forward speed readout
- ✔ Monitoring of the fan speed



MEMBER OF



# 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 with a wide variety 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







# Perfectly developed machine operation from AMAZONE

**AMAZONE machinery 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, for instance, 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 operating 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

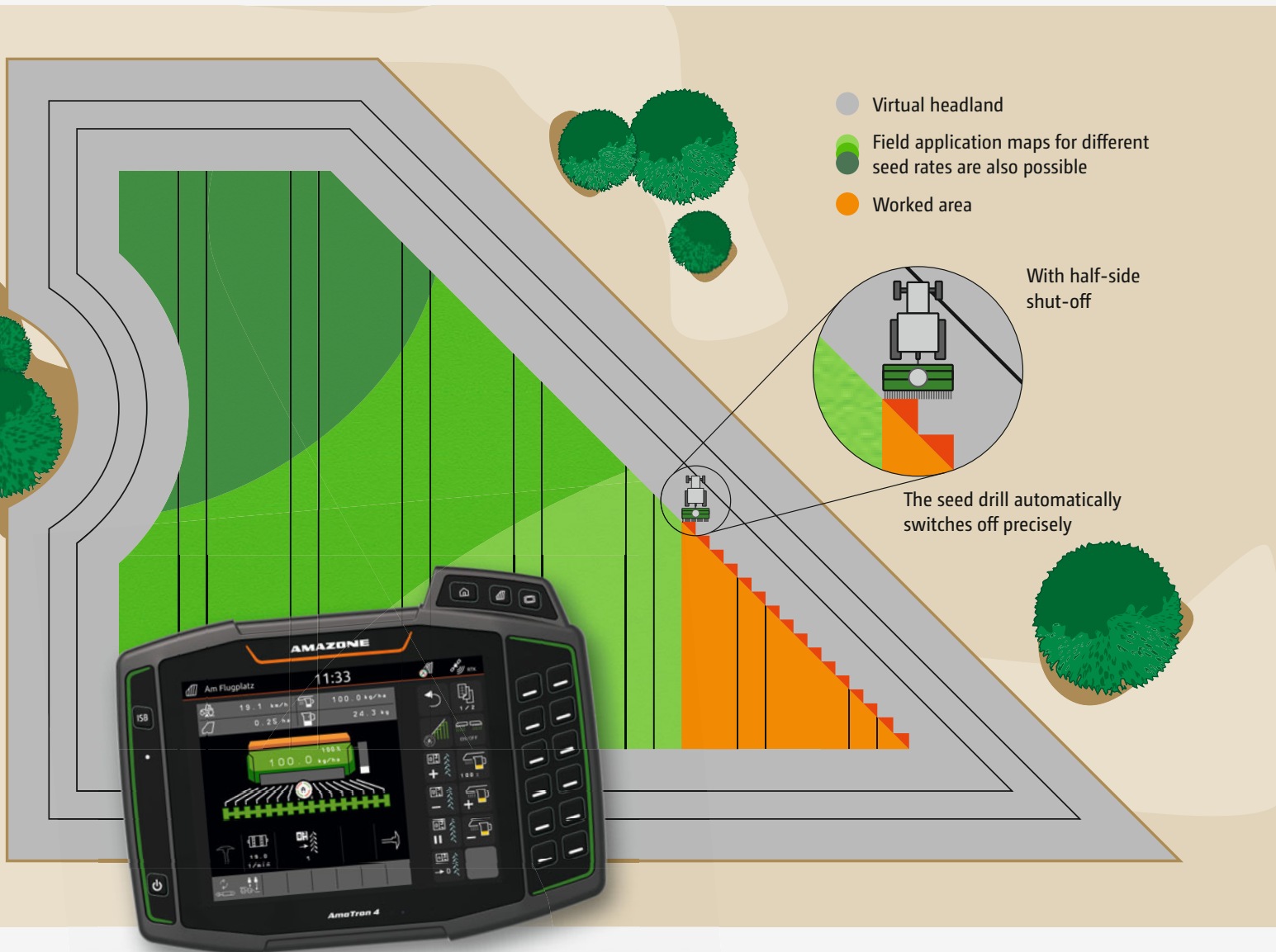
**Advantages of the AMAZONE machine software:**

- ✔ User-oriented and intuitive
- ✔ Tailored to the machine
- ✔ Function scope above and beyond the ISOBUS standard

Clear display of the work menu in the AMAZONE machine operation



# Automatic part-width section control GPS-Switch

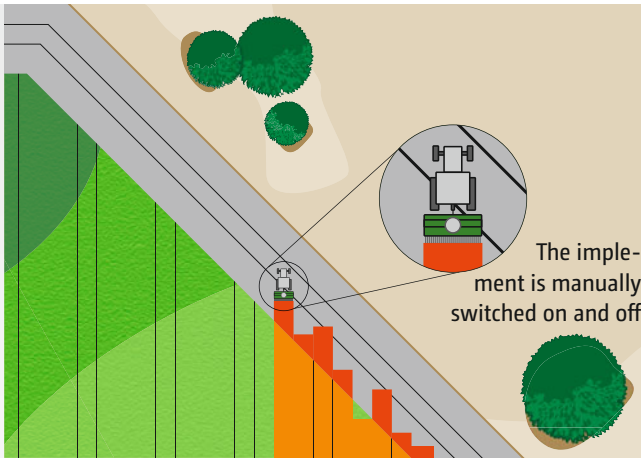


## Accurate placement of the seed

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

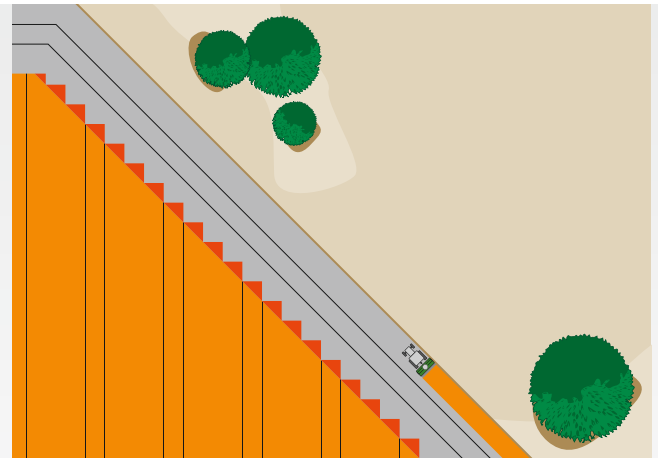
saving is achieved, especially in wedge shaped fields and on the headland. The two halves of the drill each correspond to one controllable part-width section.





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

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

**Benefits of automatic part-width section control:**

- ✔ Stress relief for the driver
- ✔ Increase in precision, especially at night or at higher speeds
- ✔ Less overlaps and gaps
- ✔ Saving inputs
- ✔ Less crop damage and environmental impact
- ❗ "With Section Control, the ISOBUS terminal takes a lot of pressure away from the driver."  
("dlz agrar magazine" – test report ZA-TS fertiliser spreader · 02/2017)

## GPS-Switch

With GPS-Switch, AMAZONE offers 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**

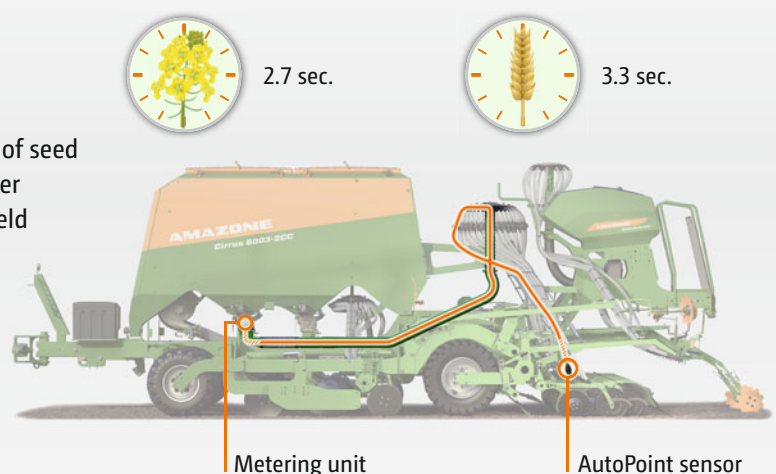
- ✔ Automatic part-width section control with up to 16 part-width sections
- ✔ Creation of a virtual headland
- ✔ Automated boom lowering with an AMAZONE crop protection sprayer
- ✔ Optional with AmaTron 4

**GPS-Switch pro** (as an extension of 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
- ✔ Optional with AmaTron 4

## Switch time optimisation – GPS-Switch with AutoPoint

- ✔ Automatic determination of the conveying time of seed flow from the metering unit to the sowing coulters
- ✔ Minimisation of misses and overlaps for good field hygiene
- ✔ Reduction in the disease pressure results in fewer plant protection measures and a simultaneous reduction in cost



Metering unit

AutoPoint sensor

# 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 to be saved or not
- ✔ Import and export jobs in ISO-XML format
- ✔ Job summary via PDF export
- ✔ Intuitive system for processing application maps in either Shape file format and ISO-XML format
- ✔ 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 via needs-based application
- ✔ Available as standard with AmaTron 4

## ***GPS-Track***

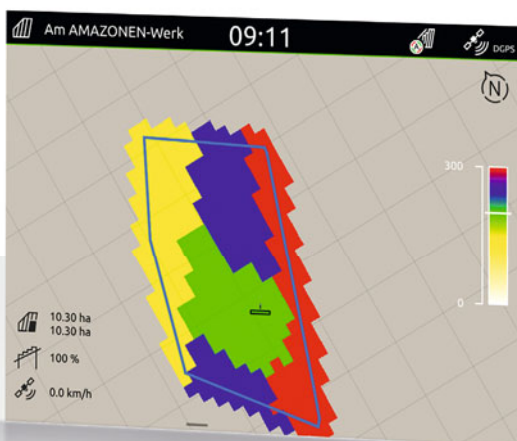
The GPS-Track parallel guidance greatly helps with orientation in the field, especially on grassland or in areas without tramlines.

- ✔ 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 following
- ✔ Optional with AmaTron 4

## ***AmaCam***

Software licence for displaying a camera image on AmaTron 4.

- ✔ 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 process, 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 use of 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
- ✔ Automatic display of the touch buttons via a proximity sensor
- ✔ Practical MiniView concept
- ✔ Actuation via the multi-touch colour display or soft keys
- ✔ Particularly 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 optional entry into the digital age

Equipped as standard with:

### ***GPS-Maps&Doc***



### AmaPilot+ – everything in the one hand!

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

#### Advantages of AmaPilot+:

- ✔ Almost all the functions directly to hand via the 3 levels
- ✔ Adjustable palm rest
- ✔ Freely-available key assignment

# 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 and the holder kit for a tablet for rigid mounting on the AmaTron 4

## AmaTron Twin App

### Clear display enhancement

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

### Advantages of the AmaTron Twin display enhancement:

- ✔ Use of an existing mobile device
- ✔ Greater clarity – all applications in sight
- ✔ Comfortable control of the 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



Watch the video for more details

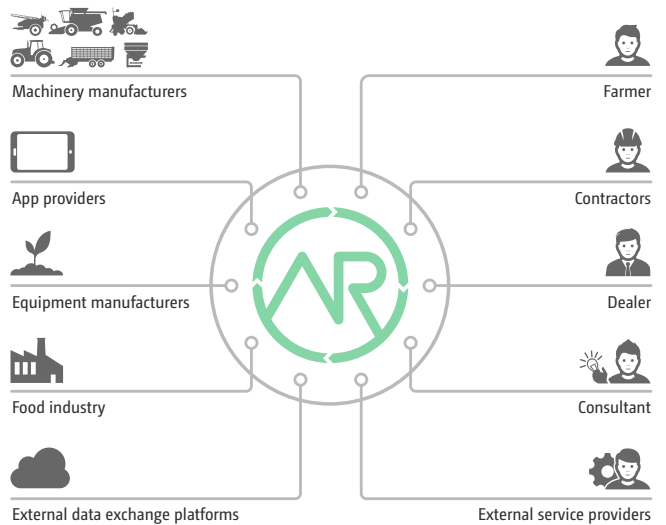
## Secure data exchange

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.

## 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.



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

### 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 in data exchange and documentation

## Uncomplicated data transfer. Transparent and secure!



# Equipment levels that delight!

For more efficiency and comfort



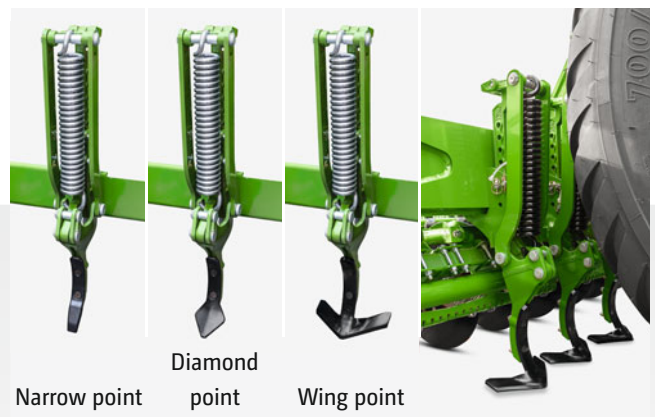
## Tractor wheel mark eradicators

For the operation on light or unconsolidated soils, as an option, tractor wheel mark eradicators are available. The wheel marks are loosened and levelled. The lowering and lifting on the headland or when folding for transport is provided automatically by hydraulic actuation.

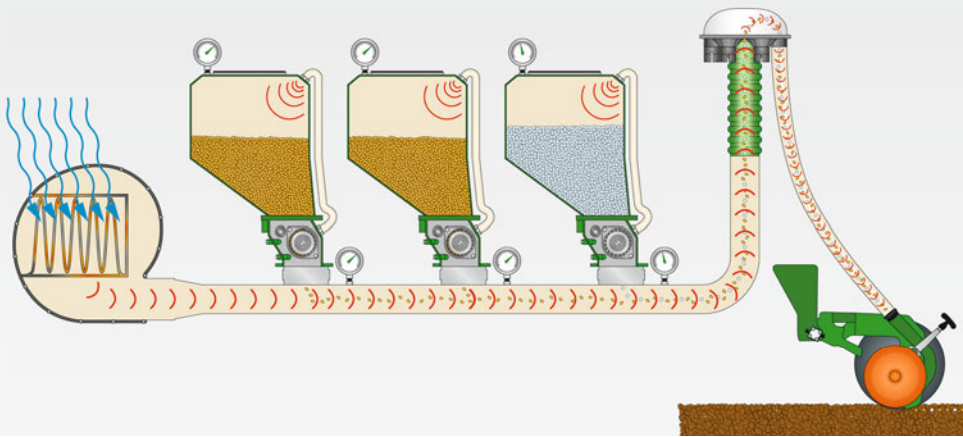


## Seed drill wheel mark eradicators

The task of the seed drill wheel mark eradicators is to loosen the compacted tracks behind the seed drill tyres. The seed drill wheel mark eradicators can be adjusted both horizontally and vertically. The special kinematics of the eradicators provides a constant spring force over the entire area of deflection. The choice of points includes a narrow point, a diamond point and a wing point.







- ✓ Air pre-heater for the 3-section pressurised hopper

## Air pre-heater – no clogging in wet weather

The high-capacity oil cooler prevents any overheating of the oil circuit. At the same time the blower fan of the seed drill sucks in air for the seed transfer system through the fins on the cooler. The heated air effectively prevents the sticking of seed and fertiliser at high application rates and in wet weather.



## Seed pipe monitoring – everything under control

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 seed tube. Mounted directly behind the distributor head, sensors monitor the seed flow in the seed pipes. The system automatically detects when the drill is tramlining.

## On-board hydraulic system – ready for every eventuality

To be able to ensure the required oil flow for the hydraulic blower fan, especially when used behind tractors with poor hydraulic capacity, AMAZONE offers an on-board hydraulic system with an oil tank on the seed drill and a separate hydraulic pump as optional equipment. It can be quickly and easily attached to the PTO shaft of the tractor.





# Everything thought of!

The right solution for any requirement



✔ Tight turning with the Citan on the headland





## Lights for road travel

The Citan road transport lighting meets all road traffic requirements for transport safety.

## Improved load distribution – second guide wheel

For operation on deeply loosened soils with low carrying ability, AMAZONE offers a second guide wheel set for better load distribution (standard on the 15001-C/optional on the 12001-C). Thanks to the improved load distribution, deeper wheel marks and at the same time harmful compaction are effectively prevented. In addition, a smoother and more precise run of the coulters in the row is achieved, so that the depth maintenance and the placement accuracy are increased.

- ✔ Second guide wheel set on the Citan 12001-C



## LED work lights

The Citan is also available with high-performance LED work lights.

### The options:

- ✔ Self-contained 2-piece LED work lights with their own power supply and switch
- ✔ Integrated 4-piece LED work lights, controllable via the ISOBUS machine actuation

## Filling auger – quick and safe filling

A filling auger is also available as an option for the Citan trailed seed drill. The filling auger allows quick and easy filling directly from a transfer trailer vehicle.



# There is no method more efficient!

So end users make a judgement on the Citan 12001-C

## ! “We achieve such a high sowing outputs”

“100 to 120 ha per shift, more than 2,500 ha per season – is no problem with our new Citan 12001-C”, W. M. Nadeew reports. W. M. Nadeew is the Deputy General Director of the “Schazk Zolotaja Niva” farm, which belongs to the Agroterra Group. Here a semi-continental climate prevails and the average rainfall amounts to 450 to 500 mm per year. Last year the farm cultivated 10,162 ha of winter wheat, 8,169 ha of sunflowers and 7,945 ha of spring rape. “Compared with other seed drills, the Citan provides us with a series of benefits,” explains the Deputy General Director. “We achieve high sowing work rates. In addition, we require fewer filling systems to supply the seed and fertiliser.” W. N. Makarov, the chief agronomist of “Schazk Zolotaja Niva”, says that another benefit of the Citan is the easy initial adjustment of the seed rate and the sowing depth. And: “Irrespective of the soil type, the actual seed rates and sowing depths match very well to what we have pre-set. In this way we can finish sowing punctually by the optimum dates yet with a high quality of finish. This ensures our yields and makes the Citan stand out in comparison with other seed drills.”



Head agronomist” W. N. Makarov (right), Deputy General Director W. M. Nadeew (left), Russia

## ! “Top performance at the optimum sowing date”

“In 2011 we purchased the first five Citan 12000”, Tschernikow Alexander, chief agronomist of the farm “Tula Wozroschdenije” reports. “We then had such a good experience with these machines that we decided in 2012 to purchase twelve more Citan 12001-C.”

The ground consists of medium to heavy loamy, leached black soil. The average rainfall is 550 to 600 mm/year. The farm cultivated over 42,000 ha of arable land in 2012. “At sowing speeds of 10 to 12 km/ha, we manage with each Citan approximately 160 ha of cereals/day or 200 ha of rape/day. So in spring and autumn 2012 we sowed more than 3,000 ha with each machine.” states Tschernikow Alexander. “With this quality of machinery we manage top-work rates at the optimum sowing date. When cereal sowing, one tank fill is sufficient for over 2 to 2.5 hours before we have to refill. At the same time, the RoTeC pro coulters reliably sow the seed at the desired depth. The distribution along the rows is also optimal. This provides us with a good and even field emergence.”



From left to right: Farmer from the Tula region, chief agronomist Alexander Tschernikow and Aleksey Baryschewskij, director of the distributor company “Agrolider”



# Technical data:

## Citan trailed seed drill



Model	Citan 12001-C	Citan 15001-C
Working width (m)	12.00	15.00
Transport width (m)	3.00	
Transport height (m)	3.95	3.95
Transport length (m)	9.00	10.50
Operational speed (km/h)	8–16	
Average work rates (ha/h)	10–12	10–15
Power requirement (kW/hp)	from 170/231	from 210/286
Hopper capacity (l)	7,800	7,800
Division of the 3-section pressurised tank	2,400/2,400/3,000	2,400/2,400/3,000
Linkage	Cat. 3, Cat. 4 or Cat. K700 lower link	
Coulter system	RoTeC pro coulter	
Number of rows	72	90
Row spacing (cm)	12.5/16.6	16.6
Weight (kg)	from 9,500	from 10,500
Operator terminal	AmaLog <sup>+</sup> , ISOBUS	

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**Superbly compact folding technology – all Citan models offer a transport width of just 3 m and a minimal transport height.**



Citan 12001-C



# AMAZONE



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