



**AMAZONE**



Trailed cultivator drill

# ***Cirrus Grand***

Cirrus Grand with EasyTram



Welcome to the world of high-output  
precision of large hopper sowing:  
**The Cirrus Grand from AMAZONE**



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# Master large area sowing with the Cirrus Grand from AMAZONE

The Cirrus 04 represents maximum efficiency in modern agriculture. It combines performance with smart technology and high flexibility – for even crops in all soils and any operating conditions. The TwinTeC plus double disc coulters and innovative distributor head with MultiSwitch single row switching achieve a very high degree of precision. Ideal seedbed preparation by utilising the various front tool options available and the Matrix profile tyres for reconsolidation in strips allow the sowing of homogeneous crops, even on heterogeneous surfaces. Multi-chamber hoppers, high delivery rates and high working speeds make for maximum efficiency.

Cirrus 04 from AMAZONE – Precise.  
Flexible. High output.



1. Twin-chamber or three-chamber pressurised hopper for a range of different applied materials with precision metering using either the Single-Shoot or Double-Shoot process

2. Different front tools such as the T-Pack tyre packer, Crushboard with guide wheels or just outer guide wheels.

3. Disc element for efficient preparation ahead of sowing.

| Model overview    | Cirrus 8004-2C Grand   | Cirrus 9004-2C Grand |
|-------------------|--|----------------------|
| Working width (m) | 8  | 9                    |
| Hopper capacity   | 5,750 litre twin-chamber pressurised hopper split in a ratio of 40:60 or 5,900 litre three-chamber pressurised tank split in a ratio of 40:50:10 |                      |
| Row spacing (cm)  | 12.5 cm or 16.6 cm   |                      |

# The Cirrus Grand concept

## New standards in precision, flexibility and output

4. Precision distributor head with MultiSwitch single row control for accurate and cost-effective distribution of seed and fertiliser.



6. TwinTeC plus double disc coulters with precision depth control on either 12.5 and 16.6 cm row spacing.

5. Perfect reconsolidation in strips with Matrix profile tyres and independent suspension for unrestricted manoeuvrability.

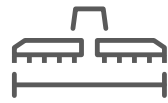
## Cirrus Grand trailed cultivator drill



**MORE INFORMATION**  
Cirrus Grand  
[www.amazone.net/cirrus-04](http://www.amazone.net/cirrus-04)



**PRODUCT FILM**  
Find out more



8 or 9 m



12.5 or 16.6 cm



5,750 l and 5,900 l



up to 16 km/h

## Precision meets performance

Whether mulch sowing or sowing after the plough: the high precision and the large areas covered by the Cirrus Grand are extremely impressive. The independent suspension makes the machine highly manoeuvrable in the field, while remote adjustment of the coulter pressure and sowing depth via the AmaTron 4 ISOBUS terminal maximises ease of use. Road transport at maximum speeds of 40 km/h also make them quick and safe from field to field – for efficient and cost-effective working.



PRECISION

### Precise!

The distributor head with single row shut-off minimises overlap, promotes more vigorous crops in these areas and reduces the cost of seed and fertiliser.

TwinTeC plus double disc coulters ensure accurate seed depth placement and uniform crops.



FLEXIBILITY

### Flexible!

Matrix profile tyres which reconsolidate the seedbed in strips ensure high field emergence under all conditions.

The remotely adjustable sowing depth and variable coulter pressure enable ideal adaptation to a wide variety of soils and heterogeneous surfaces.



OUTPUT

### High output!

Multi-chamber hoppers and delivery rates of up to 400 kg/ha at working speeds of 16 km/h ensure maximum area coverage.

Optimised for big bags, the seed hopper offers a generous excess capacity to reduce turn-around times – refill when it suits you.

# Accurate distribution

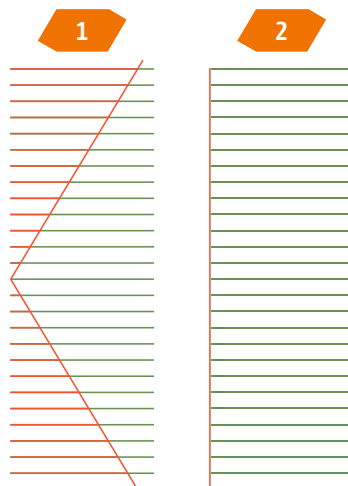
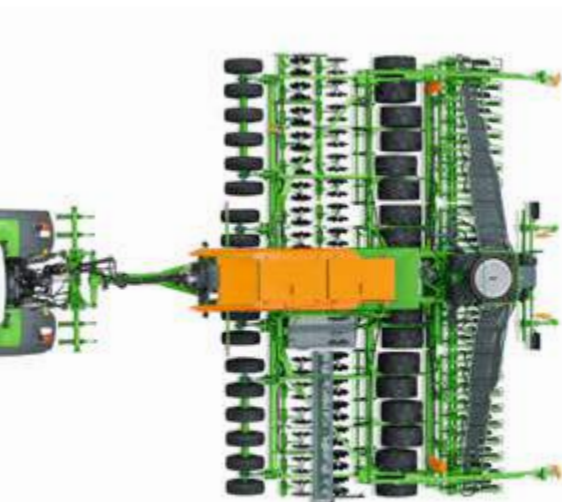
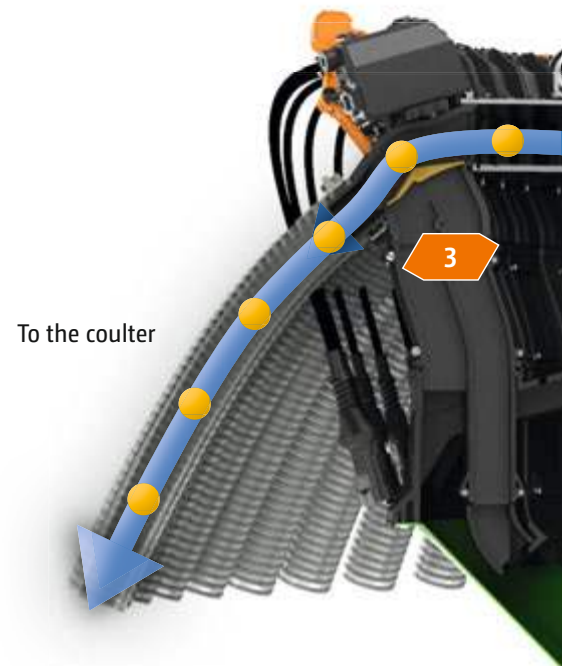
## Distributor head with Smart plus for MultiSwitch single row switching

### Distributor head – precision down to the last corner

The new distributor head provides excellent lateral distribution. The Smart plus specification variant enables MultiSwitch single row switching for maximum sustainability by saving seed and fertiliser. The distributor head can be easily tailored to all tramline systems, as well as track widths and tyre widths via the ISOBUS terminal, in order to create a tramline. Mechanical intervention is not required. The single row control reduces overlap, particularly on headlands or in wedge shaped fields, thereby saving on input costs and ensuring optimal plant populations. V-compensation enables uniform start and stop across the width of the drill on headland, despite varying seed pipe lengths between the distributor head and the coulters. By opening the flaps in stages, from the outer to the inner rows, or closing them down in stages from the inner to the outer rows a very straight finish is achieved every time the drill starts or stops sowing.

#### The benefits:

- ✔ Very low degree of overlap for vigorous crop development in overlap zones
- ✔ Reduction in the use of inputs due to the single row switching
- ✔ Enables the creation of tramlines with application maps using the EasyTram application



1. Starting without V-compensation
2. Starting with V-compensation

## Smart plus distributor head with single row switching

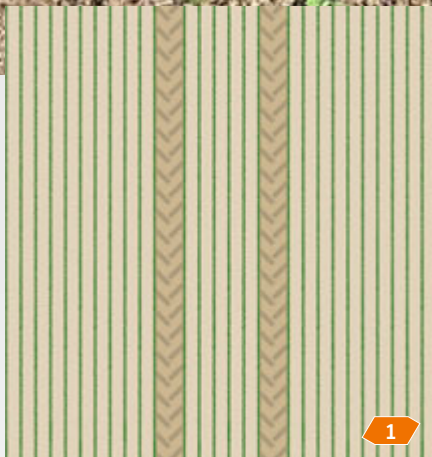
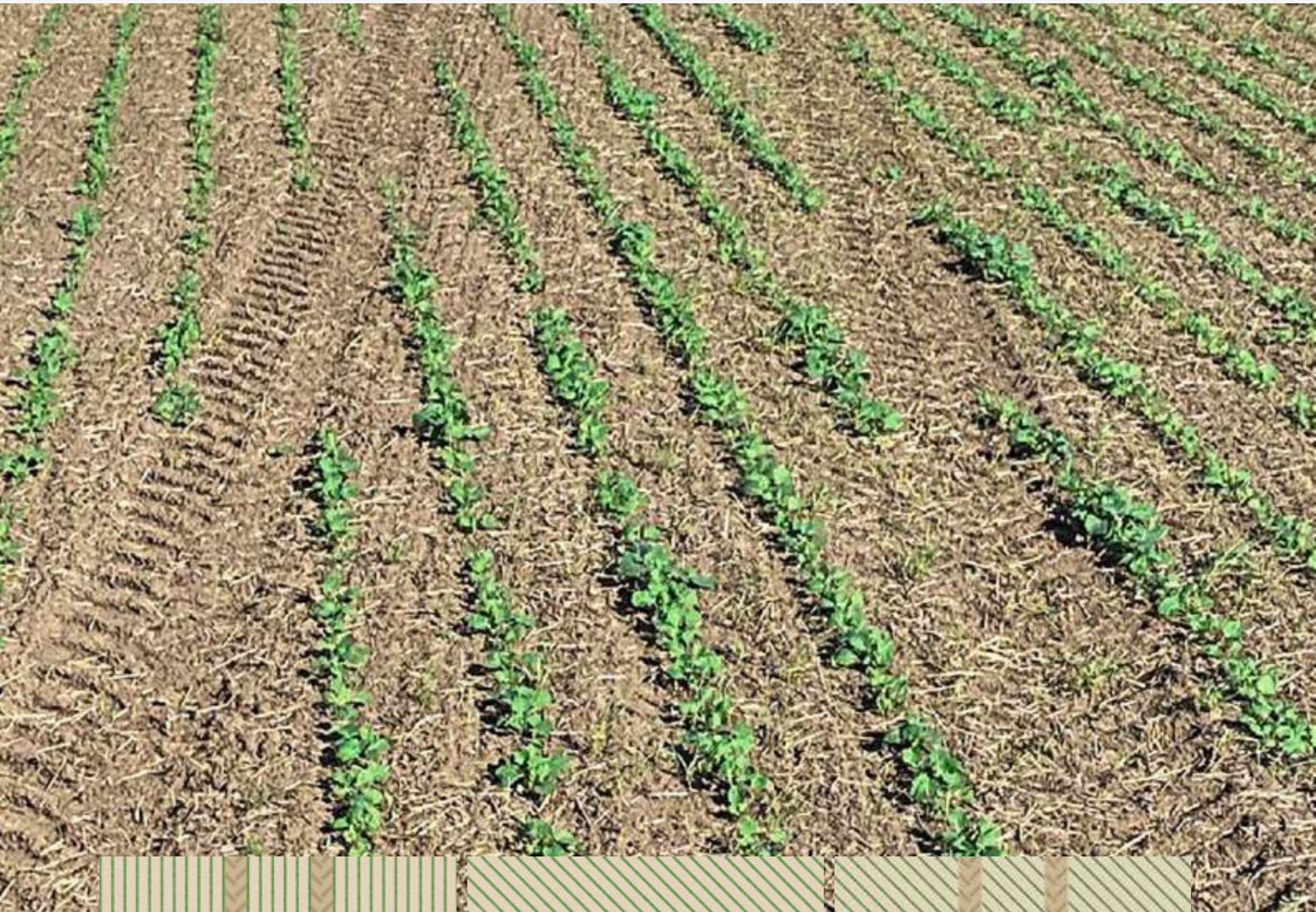
1. The air flow transports the applied materials up the corrugated stack pipe to the distributor head.
2. Here, they collide with the upper plate and are distributed evenly.
3. When the flap is open, the applied materials are carried by the air stream through the seed pipe into the sowing coulter and then the seed furrow.
4. When the flap is closed, the applied materials are deflected downwards, falling into the funnel and are circulated back into the distributor head. As the rows are closed, the metering unit adjusts its output so that the distributor head does not become blocked.
5. At the deflection point, the air escapes upwards and out through the seed pipe, preventing excess pressure building up.



Optional seed pipe monitoring from DIGITROLL

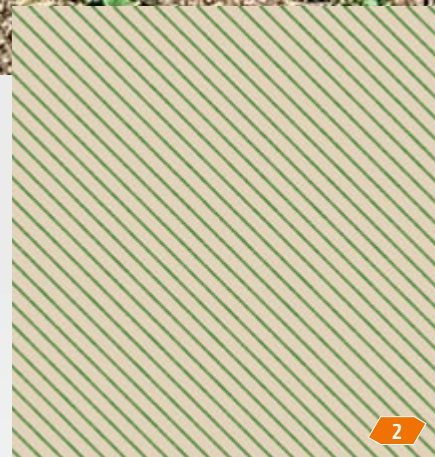
# EasyTram – Tramlining via application maps

Maximum flexibility with the intelligent distributor head,  
the MultiSwitch single row switching and the EasyTram online application



1

Straight sowing with tramlines



2

Sowing at an angle without tramlines



3

Sowing at an angle with tramlines

One-off import of field boundary contours and wheelings via the AmaConnect data platform

Defining tramlines with EasyTram on the AmaConnect data platform

Exporting the application map to the AmaTron 4 ISOBUS operator terminal via the AmaConnect Unit, the AmaTron Share App, or via a USB stick

Start of sowing operation

The EasyTram application on the AmaConnect data platform can be used to generate application maps for the tramline system

**NEW**



## EasyTram – Tramlining via application maps

EasyTram enables the precise planning and automatic creation of tramlines using an application map and is available via AmaConnect. With EasyTram, creating tramlines is simple, safe and error-free.

Sowing at an angle is also possible using tramlines. This improves erosion protection, increases plant density and saves seed and fertiliser. EasyTram also enables the addition of crop care wheelings for manure spreading or mechanical weed control, for example. The application maps can be transferred to the AmaTron 4 ISOBUS terminal via Plug and Play. GPS guidance provides additional support for crop care work and pre-emergence plant protection.

## Additional applications with MultiSwitch for maximum flexibility when sowing

### Individual row shut-off

Depending on the individual requirements and the crop type, you can freely decide which seed coulters should be active. The new individual row shut-off function allows you to supply seed to specific sowing coulters. This makes crop production flexible and offers maximum adaptability to changing conditions. All conceivable tramline systems or the establishment of crops on a wide row spacing can therefore be implemented very easily and conveniently.

### Sowing with double row spacing

The number of open rows is halved at the touch of a button – for sowing with double row spacing. Ideal for oil seed rape, for example: the wider spacing promotes tillering of the plants, while at the same time significantly reducing the amount of seed required.



## IDEAS FOR OUR FUTURE

- **Simple**

EasyTram can quickly and easily create application maps for the tramlines. These can be loaded directly into Cirrus Grand during sowing using the "Plug and Play" principle.

- **Supportive**

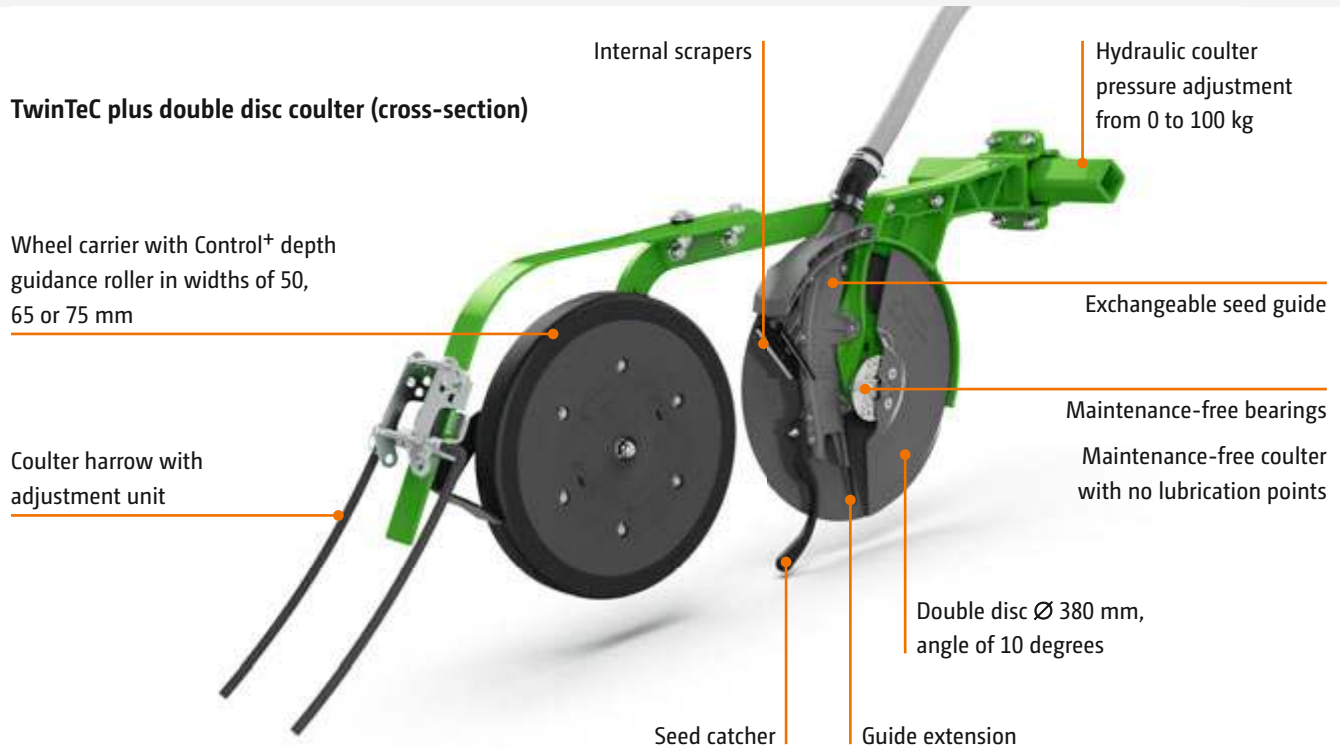
The automatic tramline control based on an application map incorporates precise single row switching that decreases the driver's workload. Errors are avoided and peace of mind is increased.

- **Innovative**

The method of making the tramlines across the diagonal when sowing is a particularly efficient and cost-saving method in arable farming – practical, modern and future-oriented.

# TwinTeC plus coulter

## The high-output double disc coulter



### Smooth running, rugged and maintenance free

Using the high output TwinTeC plus coulter, AMAZONE equips the Cirrus with one of the most robust and most precise double disc coulters around. Thanks to its coulter pressure of up to 100 kg and its good cutting performance, the TwinTeC plus double disc coulter also manages very well in hard and cloddy seedbed conditions. The basic body and the coulter bearing shell, both made of forged steel, are built to withstand even the toughest of operating conditions.

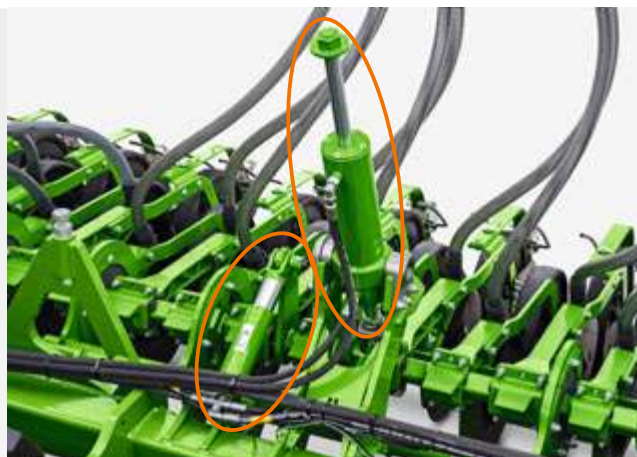
Due to the high coulter pressure of the TwinTeC plus double disc coulter, the sowing performance is very precise even under mulch sowing conditions with a high proportion of organic matter in the seedbed. Thanks to the innovative coulter pressure adjustment via an oil circuit, the coulter pressure is maintained even in very hilly terrain, so that the pre-set sowing depth is safely maintained. The coulter pressure can also be adjusted in specific areas by the use of an application map.

The TwinTeC plus double disc coulter is completely maintenance-free and therefore fulfils the highest demands.

Electro-hydraulic remote control of the sowing depth and the coulters pressure via ISOBUS terminal comes as standard.

**Left:** Cylinder for coulters pressure adjustment

**Right:** Sowing depth adjustment



## The double discs

The sharpened, pre-tensioned discs, with a  $10^\circ$  angle of attack ensure a good cutting action of the coulter. The large 380 mm diameter discs ensure a smooth run. Thanks to the large coulter clearance of 190 mm and the connection to the depth guidance roller via the top-mounted coulter carrier, sufficient space remains, so that blockage-free operation is possible.

## Seed guidance

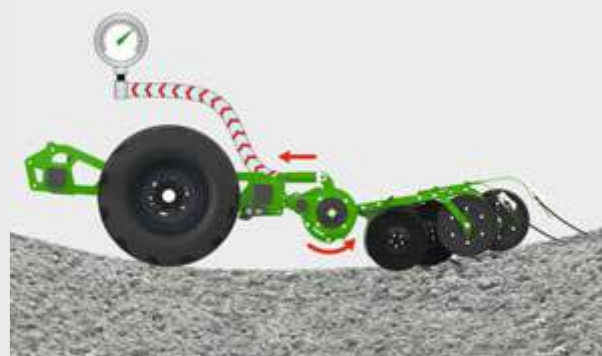
The guide extension and the seed catcher safely deliver the seed to the bottom of the furrow and prevent any bouncing out of the individual grains. The standard inner scraper with hard metal wear plates ensures accurate operation, even on sticky soils, and noticeably increases the operational reliability.

## Depth control

The parallel-guided depth control roller provides reliable maintenance of the placement depth of each individual coulter. The Control<sup>+</sup> depth guidance rollers are available in widths of 50 mm, 65 mm and 75 mm. This means that the performance of the machine is ensured on any soils from the lightest sand with poor carrying ability to the heaviest clay. Optional scrapers for the depth guidance rollers ensure a consistent depth of the coulter, even under moist conditions.

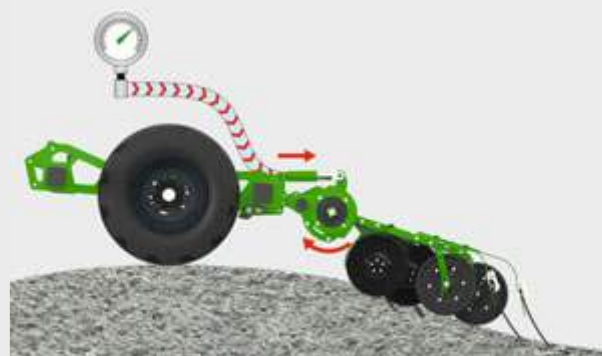
## TwinTeC plus coulter pressure

Setting the coulter pressure via the ISOBUS terminal is standard. The coulter reliably maintains the pressure selected. This is of special benefit when sowing shallow in very hilly terrain.



Passing through a hollow

**Hollow:** when passing through a hollow, the coulters are pressed against the ground. This creates an overpressure in the coulter pressure cylinder which is transferred directly to the oil circuit. The coulter pressure remains constant.

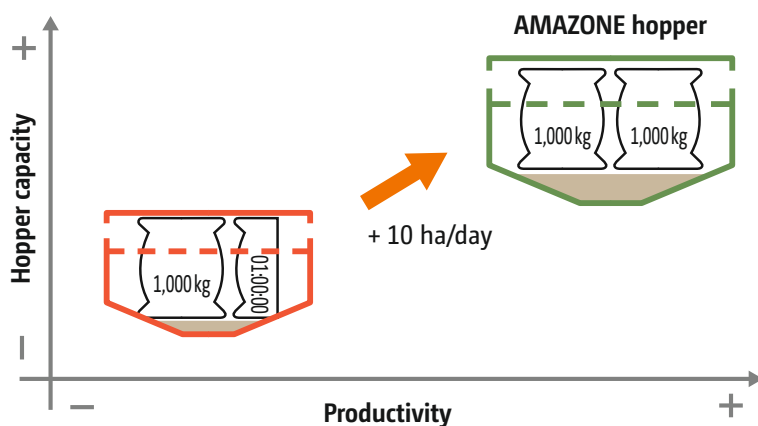


Going over a hill

**Hilltop:** the coulters are lowered when going over a hilltop. This results in an under-pressure in the coulter pressure cylinder which is immediately compensated for with additional oil from the circuit. The coulter pressure remains constant.

# Ample capacity for long working hours

Multi-chamber pressurised hopper on the Cirrus Grand



#### Advantages of the Cirrus Grand hopper:

- ✔ Easy access via the side loading platform and ladder
- ✔ Narrow hopper for good all-round visibility
- ✔ Steep hopper walls for low residual volumes
- ✔ Quick-emptying device for fast seed changeover

The increase in productivity provided by a hopper with excess capacity optimises the logistics operation and reduces turn-round times



Excellent accessibility of the hopper

## Multi-chamber pressurised hopper

The Cirrus 04 can be equipped with a twin-chamber pressurised hopper with a capacity of 5,750 litres split in a ratio of 40:60, or a three-chamber pressurised hopper with a capacity of 5,900 litres and split 40:50:10. The multi-chamber hoppers are optimised for filling with big bags and designed with sufficient excess capacity. The excess capacity means that the hopper can be filled whenever it suits the operator. The hopper can always accommodate the entire contents of a big bag, even with large residual amounts. This simplifies seed logistics, since the time of filling can be more flexible.

## Perfect application

The multi-chamber hopper enables the separate metering of different types of seeds or fertiliser. The individual hoppers can be filled with just one applied material, if required, for maximum output. Exact distribution is guaranteed by the pressurised hopper system with its high-performance conveying system. Up to 400 kg/ha can be efficiently applied at a working speed of 15 km/h. Furthermore, the low power requirement of the blower fan underlines the enormous efficiency of the machine. A TwinTerminal can be used for the simple and precise calibration of the metering unit.



Half-side folding during loading considerably reduces the loading reach and also allows the machine to be filled via smaller telescopic loaders

# More than just seed

With multi-chamber pressurised hopper and a single placement point – the Single-Shoot process



Cirrus 8004-2C Grand sowing utilising the Single-Shoot process

## Flexibility for versatile farming

The Cirrus Grand can meter up to three different applied materials from the various hopper chambers using the same conveying system using the Single-Shoot process.

This means that up to three crops (two seed types with fertiliser), one seed type and different fertilisers, or even applied materials such as slug pellets or micro-granules can be embedded in the seed furrow in a single pass. All the hoppers can also be used for a single seed.

## Double-Shoot

The Cirrus can now deposit the applied material at a second, shallow placement depth via a second distribution system, either via a baffle plate or an additional outlet on the coulter.

As a result, it is now possible to grow oil seed rape with companion plants at double the row spacing, for example.



Seed only



**Single-Shoot:**  
2 or 3 applied materials at  
one placement depth



**Double-Shoot:**  
2 or 3 applied materials at  
2 placement depths

These illustrations apply to different combinations of seeds, fertiliser and micro-granules

# The metering makes the difference

Simple, central and convenient adjustment. Perfect metering



## Accurate metering drive

The metering system is suitable for all seeds and seed rates from 1 kg/ha. The metering cassettes are specifically designed for the crops concerned. As a result, rubberised, flexible cassettes can be used for sowing legumes, for example – they protect sensitive seed from breaking and thus from impairing germination capability. The change from fine seeds to normal seed is carried out by simply replacing the metering cassettes – quickly and without the need for tools, even when the seed hopper is full. Up to 95% of all common seed types can be sown using the metering cassettes supplied as standard.

## Comfort-Pack 1 with TwinTerminal 3.0

In order to make pre-metering, calibration and emptying of any residual amounts even easier, AMAZONE offers Comfort-Pack 1 with TwinTerminal 3.0 for the Cirrus in conjunction with an ISOBUS terminal. The TwinTerminal is mounted directly on the seed drill near the metering units. This position offers a decisive benefit: the driver can perform the calibration operation and input the data for that calibration directly into the machine and no longer has to repeatedly get on and off the tractor. The TwinTerminal 3.0 consists of a waterproof, dustproof housing with a 3.2" display and 4 large keys, which can also be operated with gloves.



# Ahead of the seedbed preparation

## Leading tool options



### T-Pack tyre packer

The T-Pack tyre packer ensures a capillary water connection by pressing loose soil evenly and consistently across the entire working width. This ensures that the implement runs even more smoothly and increases its load-bearing capacity on deeply loosened ground but only moderately reconsolidates the soil.





## Crushboard

The Crushboard on the Cirrus ensures more effective seedbed preparation by reliably breaking up coarse clods and creating a fine crumbly soil structure. This ensures that the seedbed is perfectly levelled, promoting even seed placement and conditions conducive to good emergence. The working depth can be adjusted hydraulically to suit the ground conditions. Combining several work steps in a single pass reduces the amount of work required, thereby saving time and fuel.

### The advantages of the Crushboard:

- ✔ Evening out the ground and breaking up any clods
- ✔ Levelling effect after ploughing or rough preparatory work
- ✔ Implement runs more smoothly in the field
- ✔ Improved sowing, especially in wet conditions
- ✔ Hydraulic working depth adjustment for flexible adaptation
- ✔ If necessary, the Crushboard can be swung out in work



# Maximum effectiveness

Seedbed preparation and sowing in just one pass



## Sowing combination with 2-row disc element

As standard, the Cirrus-C is equipped with a 2-row disc element for seedbed preparation. The discs have a diameter of 460 mm. This is ideal for creating a fine crumbed structure in the soil and incorporating organic material. The working depth of the disc unit can be adjusted on the move from

the tractor cab. Manual disc adjustment options via a series of holes ensure a clean transition at the edges from pass to pass and a level seedbed in the tractor wheel track area.



Fine-serrated disc – 460 mm



Coarse-serrated disc – 460 mm

## Selecting the correct disc – Coarse or fine

Two options are available for the disc element: a fine-serrated disc or a coarse-serrated disc. A steep angle of attack for the discs ensures a particularly intense mixing.

### Fine-serrated discs

The fine-serrated disc shows its strengths in shallow seedbed preparation. It provides more fine soil for good seed embedment.

### Coarse-serrated discs

The coarse-serrated disc provides a more intensive soil movement. Due to its profile, extremely effective incorporation, including the mulching of harvest residues, is achieved.

## Rubber suspension elements – reliable and maintenance-free

The disc system combines two discs mounted on one arm which is suspended via sprung rubber blocks and which optimally follow the ground contours. In addition, the rubber sprung buffers act as an overload safety protection on stony soils. This means that the operational reliability is increased and turn-round times are reduced. The heavy clamping setup ensures a consistent working depth.



Sprung rubber buffer blocks

# Reconsolidation in strips

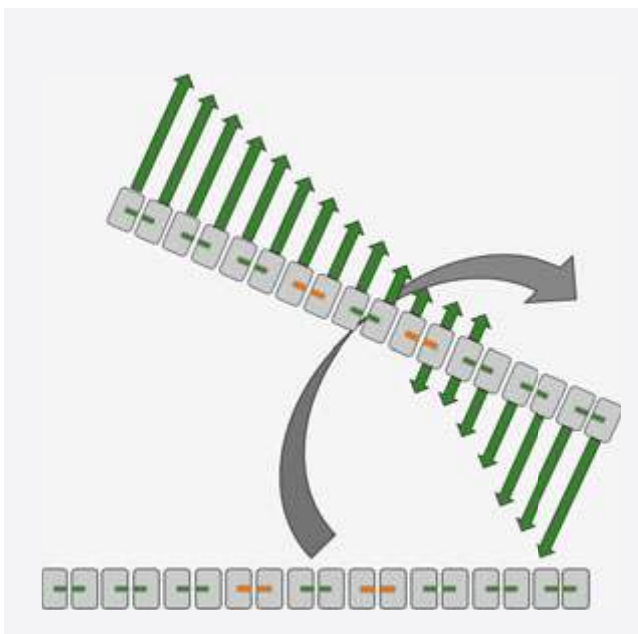
The best conditions for even field emergence

## Enhanced technology for even field emergence

The Matrix tyres ensure an even and high field emergence. With dimensions of 400/55R17.5, these tyres have a diameter of 860 mm with a width of 400 mm.

The high diameter combined with a special tread generates a higher self-driving effect in comparison to machines with an AS profile.

Furthermore, the independent suspension enables the machine to be pulled around curves and manoeuvred in field corners with minimal effort. This low-stress turning process protects the machine from excessive load and wear. Furthermore, the soil is prevented from being bulldozed and pushed up when working around bends. Consistent seedbed quality and maximum soil structure protection are ensured.



Each wheel turns independently of the others and can flexibly adjust to the running speed and direction with a turning angle of up to 90°.

## Road transport is fast and safe

The Matrix profile tyres not only produce an optimum seedbed, but also serve as transport wheels. The Cirrus is characterised by a high stability on the road, even at a transport speed of 40 km/h. This is possible because the machine only runs on 4 wheels of the tyre packer. The high carrying capacity of the wheels allows the middle pair of wheels to be lifted up (between the 4 transport wheels).

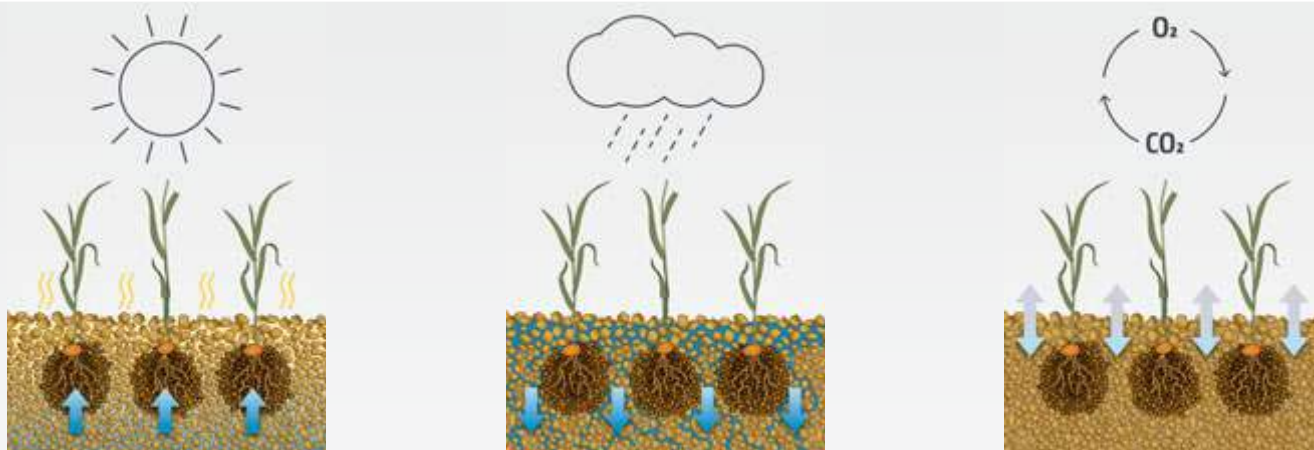
## Reconsolidation in strips – for optimal growth conditions

Optimum and uniform growth conditions for all plants are the basis for a quicker and more even field emergence.

These are obtained by means of a fine crumbed seedbed reconsolidated in strips. Apart from the use of the various pre-working tools, the Matrix profile tyre is extremely important in this respect. On the one hand, it produces even more fine soil to cover the seed, but, most importantly, its special profile provides the desired reconsolidation in strips.

### Advantages of a seedbed reconsolidated in strips

- ✔ Uniform growth conditions for all plants
- ✔ The seed has access to the capillary soil water
- ✔ Prevention of constantly wet conditions after heavy rainfall
- ✔ Guaranteed gaseous exchange
- ✔ All these advantages of reconsolidating in strips provide an even, high field emergence!



## Sowing insurance!

- 1) **In very dry conditions – the water pump principle:**  
The reconsolidated strips provide soil contact directly under the seed furrow. In this way, capillary water reaches the seedling even in dry weather. Reconsolidation in strips ensures that your soil works as a water pump. Every drop counts!
- 2) **In very wet conditions – the drainage principle:**  
Loose soil easily absorbs any rain and stores it. Rain from heavy downpours simply soaks into the unrolled, loose areas. Soil erosion is thereby prevented. In this case, the soil works like a drain. Even on heavy wet ground, there is enough unconsolidated soil available between the rows to cover the seed with loose soil.
- 3) **Gaseous exchange – the lungs principle:**  
The loose soil also enables gases to be exchanged, so that the roots can breathe.

### ✔ Reconsolidation in strips

Matrix profile tyres create evenly reconsolidated strips in comparison to tyres with an AS profile. This is a key advantage, which has a very positive effect on the smooth running of the sowing coulters.



Row spacing 16.6 cm



Plants at a row spacing of  
16.6 cm

# AmaTron 4 ISOBUS terminal

## Full functionality



The AmaTron 4 ISOBUS operator terminal, developed in-house by AMAZONE, enables convenient tablet-style, touch-screen control of any ISOBUS-enabled agricultural machine. AmaTron 4 makes all ISOBUS functionality possible - with added convenience, user-friendliness and overviews. And yet: it performs even better in combination with AMAZONE agricultural machinery and guarantees full functionality when it comes to precision farming.



### ROBUSTNESS

#### STURDY!

- ✔ Low-reflection, 8" display with waterproof and dustproof aluminium housing
- ✔ Rear-mounted hand rest for a secure grip



### RELIABILITY

#### WELL THOUGHT THROUGH!

- ✔ Practical and clear menu navigation for simple and intuitive use
- ✔ Actuation via touch screen or soft keys
- ✔ Simple documentation and job management: work first - then save the data
- ✔ Optional software licences for maximising every opportunity in precision agriculture



### COMFORT

#### COMFORT!

- ✔ App carousel for quick and easy navigation at the swipe of a finger
- ✔ Freely configurable status bar - the most important parameters available at a glance, all of the time
- ✔ The practical quick-start menu allows quick and easy import and export of job data

| Extended functionality via licences | Functions in the AmaTron 4 for the Cirrus Grand   |
|-------------------------------------|---|
| GPS-Maps&Doc                        | <ul style="list-style-type: none"> <li>• Inactive field boundaries and automatic field detection</li> <li>• Documentation via ISOBUS Task Controller or PDF export</li> <li>• Application maps in ISO-XML format and Shape file format</li> <li>• Online data exchange via the AmaTron Share App</li> </ul> |
| GPS-Switch basic                    | <ul style="list-style-type: none"> <li>• Section Control with up to 16 part-width sections</li> <li>• Virtual headland</li> </ul>   |
| GPS-Switch pro                      | <ul style="list-style-type: none"> <li>• Section Control with up to 128 part-width sections and for up to 2 independent, ISOBUS-enabled machines</li> <li>• Auto-zoom, obstacle marking</li> <li>• MultiBoom - Section Control for up to 4 different materials</li> </ul>                                   |
| GPS-Track                           | <ul style="list-style-type: none"> <li>• Optical parallel guidance aid</li> <li>• Various different track modes</li> <li>• ISOBUS Level 1 tramline control</li> </ul>   |
| AmaCam                              | <ul style="list-style-type: none"> <li>• Display of a camera image on the AmaTron 4 including reverse detection</li> </ul>  |
| AmaTron Twin                        | <ul style="list-style-type: none"> <li>• Display extension using the AmaTron Twin App</li> </ul>  |
| GPS-ScenarioControl                 | <ul style="list-style-type: none"> <li>• AmaTron Twin licence extension, for cross-machine route display and automation of complex switching processes when fertilising</li> </ul>  |

# More comfortable machine operation



## AmaTron Twin App – extended display for user-friendly operation

The AmaTron Twin App offers the driver even more comfort during work, as GPS functions in the map view can also be displayed on a tablet in parallel with the machine operation on the AmaTron 4.

### Advantages of the AmaTron Twin display enhancement:

- ✔ Use of an existing mobile device
- ✔ Greater clarity – every application always in view
- ✔ 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



The AmaTron Twin App

## AmaTron Share App for digital data transfer. Try it now!

The AmaTron Share App, which is connected to the AmaTron 4 via Wi-Fi, allows all data to be conveniently transferred online. The App enables application maps to be easily sent from the office to the AmaTron 4 for completion. Job data can also be sent to customers or back to the office as PDF documentation via the cloud, email or messenger services such as WhatsApp after the job has been completed. This is user-friendly data management!



The AmaTron Share App



# Multifunctions of the Cirrus Grand – the all-rounder in precision agriculture

Modern agriculture places high demands on precision and efficiency. The Cirrus Grand from AMAZONE provides a reliable mechanical basis for this. However, it only unfolds its full potential when combined with AMAZONE software.

The mechanics and software are perfectly adapted to one another. Sowing can be precisely controlled, workflows efficiently planned and settings adjusted remotely from the tractor cab – all via a user-friendly interface on the optional AmaTron 4.

The result: less effort, more control and maximum accuracy with every use. This makes the Cirrus Grand a true all-rounder for precision farming.



## MultiBin

Using up to 3 hoppers allows the simultaneous, flexible application of multiple materials such as different seeds and fertilisers. This saves on passes and increases fertiliser effectiveness through accurate under-root fertilisation.

- ✔ Multi-chamber hopper with up to 3 chambers for different seeds and fertilisers
- ✔ Flexible application of multiple applied materials using the Single-Shoot or Double-Shoot process



## MultiMap

Both seeds and fertiliser can be applied to specific sections within a field in different quantities or at different coulter pressures, adapted to the different yield potential – independently of each other, based on up to 3 application maps with the GPS-Maps&Docs licence, using the AmaTron 4.

- ✔ Part-area, site specific application of each material
- ✔ Increases efficiency and exploitation of the natural yield potential





**IDEAS FOR  
OUR FUTURE**



## MultiSwitch

To avoid over-sowing or under-sowing on the headlands, each individual row can be switched on and off precisely using the single row switching combined with the GPS-Switch pro software licence for the AmaTron 4 operator terminal. This enables precision sowing without any overlap or gaps.

- ✔ Individual single row switching for greater sustainability
- ✔ Reduction in input costs



## Switch time optimisation – GPS-Switch with AutoPoint

- ✔ Conveying time of seed flow from the distributor head to the sowing coulter is determined automatically
- ✔ Automatic adjustment and continuous optimisation of Section Control



2.7 sec.



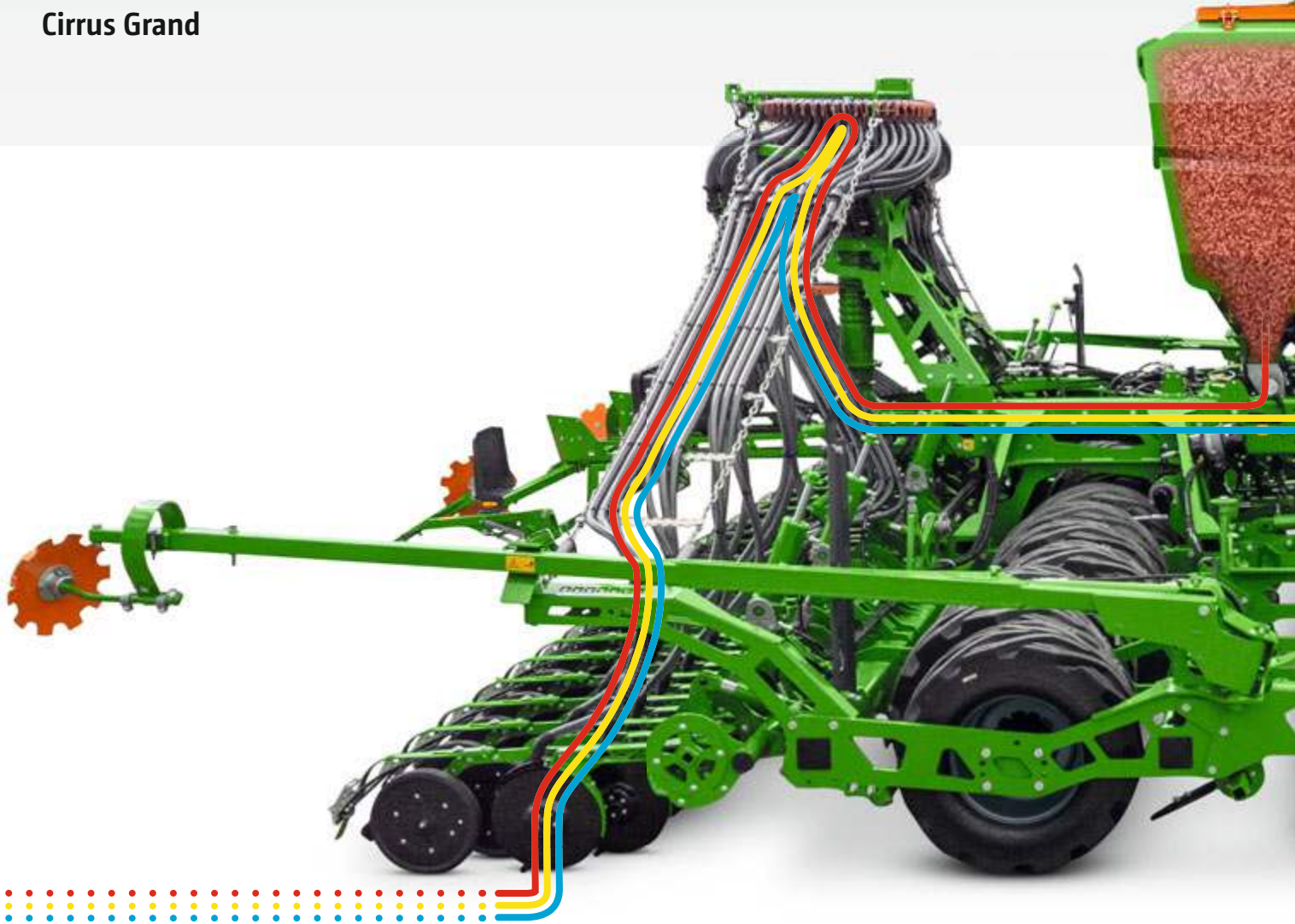
3.3 sec.



AutoPoint sensor

# Agronomical benefits

Cirrus Grand



## The Cirrus Grand with three-chamber hopper for pioneering establishment methods

The three-chamber hopper has a total tank capacity of 5,900 litres and offers high flexibility and easy accessibility for the operator. Up to three different applied materials can be individually metered at a ratio of 40 : 50 : 10. For example, rape, fertiliser and slug pellets can be applied in a single pass using the Single-Shoot process. In addition, wheat can be sown together with the simultaneous application of fertiliser and micro-granules. All products are delivered precisely to the same point in the seed furrow, which ensures efficient application.



## Double-Shoot process

**NEW**

Optionally, the applied materials can now be deposited on the surface via a second distributor head through baffle plates, as shown in the picture, or via an additional outlet on the coulter at a second, shallow placement depth.

# Cirrus 8004-2C Grand



## The advantages of the Cirrus 8004 Grand

- ✔ Precise depth control with TwinTeC plus double disc coulters and Matrix profile tyres with reconsolidation in strips ensure a high field emergence
- ✔ Distributor head with single row switching for minimal overlapping and vigorous crops enables a reduction in the cost of seed and fertiliser
- ✔ Hopper capacity optimised for big bags with generous excess capacity for a reduction in turn-round times
- ✔ For tractors from 280 hp



8 m



12.5 or 16.6 cm



5,750 l and 5,900 l



up to 16 km/h



The AmaConnect Unit connects to the cloud-based AmaConnect data platform, where the implement's operating and telemetry data can be analysed and evaluated.



# Cirrus 9004-2C Grand



## The advantages of the Cirrus 9004 Grand

- ✔ Precise depth control with TwinTeC plus double disc coulters and Matrix profile tyres with reconsolidation in strips ensure a high field emergence
- ✔ Distributor head with single row switching for minimal overlapping and vigorous crops enables a reduction in the cost of seed and fertiliser
- ✔ Hopper capacity optimised for big bags with generous excess capacity for a reduction in turn-round times
- ✔ For tractors from 300 hp



9 m



12.5 or 16.6 cm



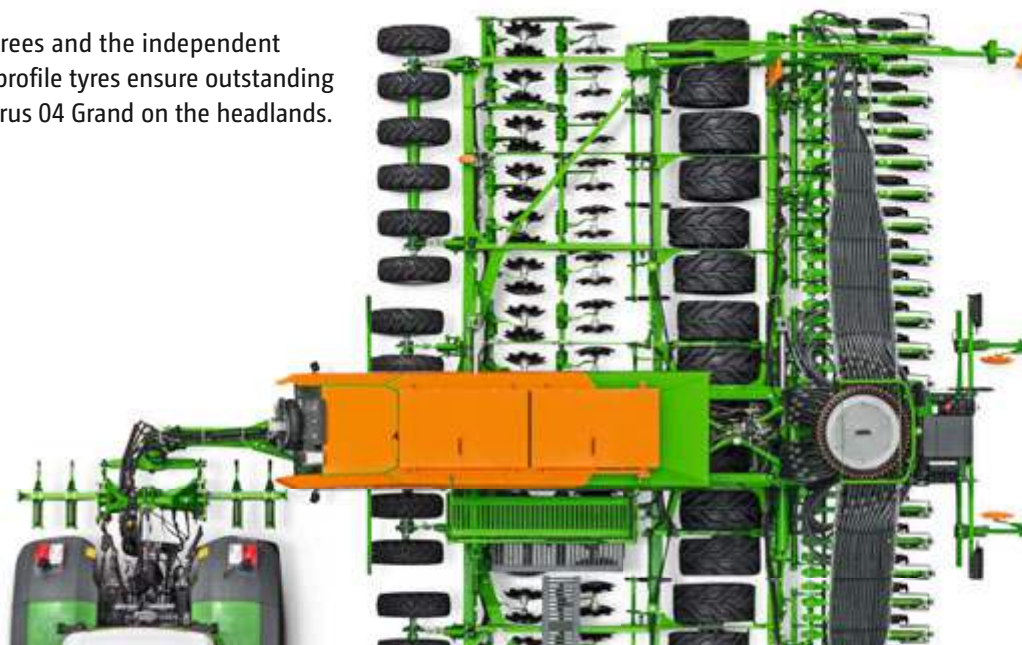
5,750 l and 5,900 l



up to 16 km/h



A turning angle of 90 degrees and the independent suspension of the Matrix profile tyres ensure outstanding manoeuvrability of the Cirrus 04 Grand on the headlands.



# Making sowing even better

## Optional equipment



### Leading ridge levellers

#### The benefits:

- ✔ Even working results in free-flowing, light soils
- ✔ Ridge levellers are mounted in front of the Matrix tyre packers, not behind them
- ✔ Open a channel in the ground, which is then closed again by the matrix tyre
- ✔ Deliver excellent results, even in the driest soil conditions, even on light sandy soils
- ✔ Also impressive on heavy ground and coarse-grained soils, as the working intensity can be adjusted, or the ridge levellers can be deactivated completely
- ✔ Fewer stone blockages and no exposed stones on the sown field
- ✔ Ridge levellers reliably push the stones in front of the Matrix profile tyres and are pressed securely back into the ground



### SL 3000 wheel mark eradicator frame

If required, the tractor wheel tracks can be loosened across a width of 3 or 4 m by using the SL wheel mark eradicators, which are mounted on an intermediate frame between the drill and tractor. The wheel mark eradicators loosen but do not mix. The soil-engaging parts are hydraulically swivelled up when turning on headlands. The SL 3000 can also be combined with a wide variety of seedbed preparation implements up to a support load of 4 t, such as when using a Catros compact disc harrow, for example.

## Scrapers for the Matrix profile tyres

### The benefits:

- ✔ Smooth running of the Matrix tyres
- ✔ Prevents soil from sticking
- ✔ Large gaps between scrapers and frame
- ✔ Scraped off soil does not accumulate between the components
- ✔ High operational reliability, even in wet and sticky soil conditions



## Clip-on pump

### The benefits:

- ✔ Tractors with low oil output can operate the Cirrus 04
- ✔ When activated, less oil is returned to the tractor, which is additionally pumped into the oil circuit by the clip-on pump

## Air pre-heater

### The benefits:

- ✔ Optional air preheating increases the temperature in the air flow by approx. 10 °C
- ✔ Less condensation in the conveying system in high humidity
- ✔ Reduction in humidity in the conveying system prevents seed dressing and fertiliser dust from sticking



Excellent illumination of the coulters, metering system and surrounding area for an optimum working result, even at night

# The original is simply better

AMAZONE service and quality



Experience that pays off. That's why AMAZONE guarantees you the highest quality thanks to a very high level of vertical integration within its own factories in Europe - and it has been doing so for more than 140 years. The original is simply better.

In most cases, things need to happen very quickly, especially when time is tight for optimum sowing. That is why AMAZONE offers a first-class parts service with genuine parts that are precisely matched to your machine. So your machine is always ready for use - quality parts and available worldwide.



The Global Parts Center in Tecklenburg-Leeden in Germany is the base for our worldwide parts logistics system. This ensures the optimum availability of parts, even for older machines. Whenever you need us, the AMAZONE service team is there for you, supported by a network of competent and highly trained sales partners and service technicians.

AMAZONE also offers an intensive introduction to the operation and handling of your new machine on your farm by a trained member of the AMAZONE team. Alternatively, you can use "SmartLearning" - AMAZONE's interactive driver training - to familiarise yourself with the machine's operation before using it for the first time.

Precise sowing from the very first metre.

**The advantages of original spare parts and wearing metal:**

- ✔ Quality, reliability and performance
- ✔ Immediate availability, even for older machines
- ✔ Higher resale value of your used machine



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for more performance



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WARRANTY

## » Register now and apply for a 24 month manufacturer guarantee!

- ✔ Extend the protection offered for your machine with a 24 month manufacturer guarantee.
- » The extended guarantee can be applied for within the contractual warranty period of 12 months after initial installation.

NEW



PARTS

## » Parts - find the right parts for your machine even more easily now!

- ✔ The right parts list for your machine with just one click.
- ✔ Identify the correct part from the exploded views in a trice.
- ✔ Create a shopping basket and send it to your service partner.



ADJUSTMENT  
AND OPERATION

## » Now enter the machine number and see at a glance all the relevant information to help get the maximum performance from your machine

- ✔ Season start and commissioning
- ✔ Adjustment and operation
- ✔ Parts lists and operating instructions
- ✔ Maintenance and storage



# Technical data:

## Cirrus Grand trailed cultivator drill

| Model                          | Cirrus 8004-2C Grand                  | Cirrus 9004-2C Grand |
|--------------------------------|---------------------------------------|----------------------|
| Coulter system                 | TwinTeC plus                          |                      |
| Row spacing (cm)               | 12.5 or 16.6                          |                      |
| Working width (m)              | 8.00                                  | 9.00                 |
| Transport width (m)            | 2.99                                  |                      |
| Transport height (m)           | 3.97                                  |                      |
| Power requirement from (kW/hp) | 280                                   | 300                  |
| Seed hopper capacity (l)       | 5,750 or 5,900                        |                      |
| Filling height (m)             | 3.15                                  |                      |
| Hopper opening (m)             | 2.00 x 1.60 x 0.70                    |                      |
| Attachment                     | Lower link cross shaft Cat. 3/4N/K700 |                      |
| Base weight from (kg)          | 11,150                                | 11,750               |
| Transport running gear         | integrated                            |                      |
| Number of Matrix profile tyres | 16                                    | 18                   |

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



# AMAZONE



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