



AMAZONE

Trailed seed drill ***Condor***





AMAZONE



Welcome to the world of
water-conserving direct sowing:
The Condor from AMAZONE



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Mastering sowing, even in dry conditions, with the Condor from AMAZONE

Water-conserving practice is the key factor in arid regions. By avoiding or minimising soil tillage, evaporation from the soil surface can be reduced, leaving more soil moisture available for germination.

Reliable seed drills are required for effective and precise sowing under these extreme conditions in dry regions. The ConTeC pro tine coulters on the Condor from AMAZONE can be used to simultaneously deposit up to 3 different materials in the soil in a single pass. Establishing seeds and conserving water – job done.



1. Three-chamber pressurised hopper for the simultaneous application of different materials using the Single-Shoot process

2. ConTeC pro tine coulters for minimal soil disturbance thanks to its narrow chisel opener

Model overview	Condor 01	Condor 02
Working width (m)	12 or 15	8 or 9
Hopper (l)	Three-chamber pressurised hopper with a capacity of 7,800 litres (chamber 1: 30%, chamber 2: 30%, chamber 3: 40%)	Twin-chamber pressurised hopper with a capacity of 3,200 litres (chamber 1: 40%, chamber 2: 60%), separate hopper with a capacity of 900 litres
Row width (cm)	25, 31.3 or 33.3	20 or 25

The Condor concept

Flexible crop establishment for water-conserving operation



4. Perfect seed/soil contact thanks to reliable operation of the depth guidance wheels

4

3

3. Row widths from 20 cm for a more abundant water supply under extreme conditions

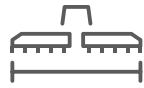
Condor trailed seed drill



MORE INFORMATION
www.amazone.net/condor



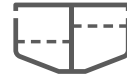
PRODUCT FILM
Condor 12001-C



8, 9, 12 or 15 m



20, 25, 31.3 or
33.3 cm



3,200 litres (two chambers)
+ 900 litres or 7,800 litres
(three chambers)



Up to 12 km/h

The right implement for extensive arable farming systems in dry regions

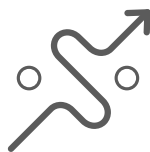
The Condor trailed seed drill from AMAZONE really comes into its own in extensive mulch sowing and direct sowing in continental/dry conditions – it combines high precision and flexibility with great efficiency. With its large working widths and generous hopper capacity, the Condor sows reliably even in the hardest of soil conditions and extreme dryness, thanks to the ConTeC pro tine coulter.



PRECISION

Precise!

The Single-Shoot process enables the precise application of up to 3 different materials at one depth with reliable soil/seed contact thanks to depth guidance wheels.



FLEXIBILITY

Flexible!

Ideal for extensive mulch sowing and direct sowing – even in the hardest soils.

With a choice of row widths from 20 cm, successful late sowing at higher seed rates is also possible.



OUTPUT

High performance!

The extremely narrow chisel openers of the ConTeC pro tine coulter guarantee minimal soil disturbance, low fuel consumption and easy pulling.

The large capacity, three-chamber pressurised hopper and the wide working widths ensure maximum area coverage with minimal downtime.

For water-conserving seeding, strong in the ground

The ConTeC pro tine coulters from row spacings of 20 cm

ConTeC pro tine coulters

Where other coulters fail, AMAZONE uses individually depth-guided tine coulters for the Condor – the ConTeC pro coulters. Two points are available for the tine coulters, with angles of 50° and 68°. The point with a 68° angle of attack ensures the best penetration into the ground for most soils, thereby ensuring that the placement depth is reliably maintained. The shallow point with a 50° angle of attack is used on very hard soils.

Advantages:

- ✓ Less soil movement when opening the seed furrow, in order to preserve soil moisture
- ✓ Production of more fine soil, in order to provide optimum soil / seed contact
- ✓ Effective clearance of the seed furrow, so that any hair-pinning effect, i.e. the pressing of the straw into the seed furrow, is avoided
- ✓ Exact longitudinal contour following with the ConTeC pro coulters via the trailing depth guidance wheels
- ✓ Optimum soil contact and reconsolidation in dry regions



ConTeC pro tine coulters with HD tines for a long service life

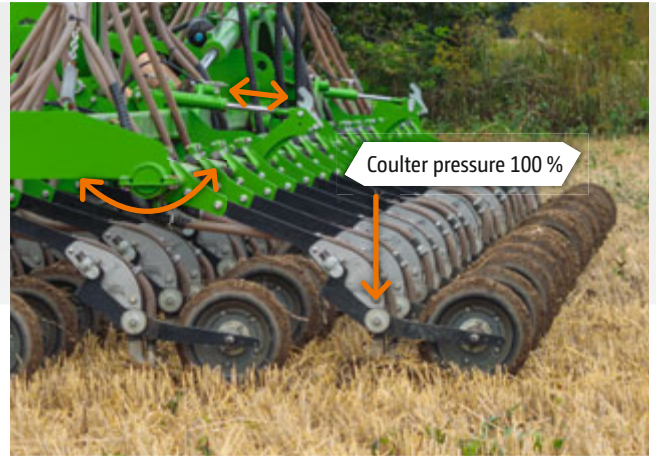
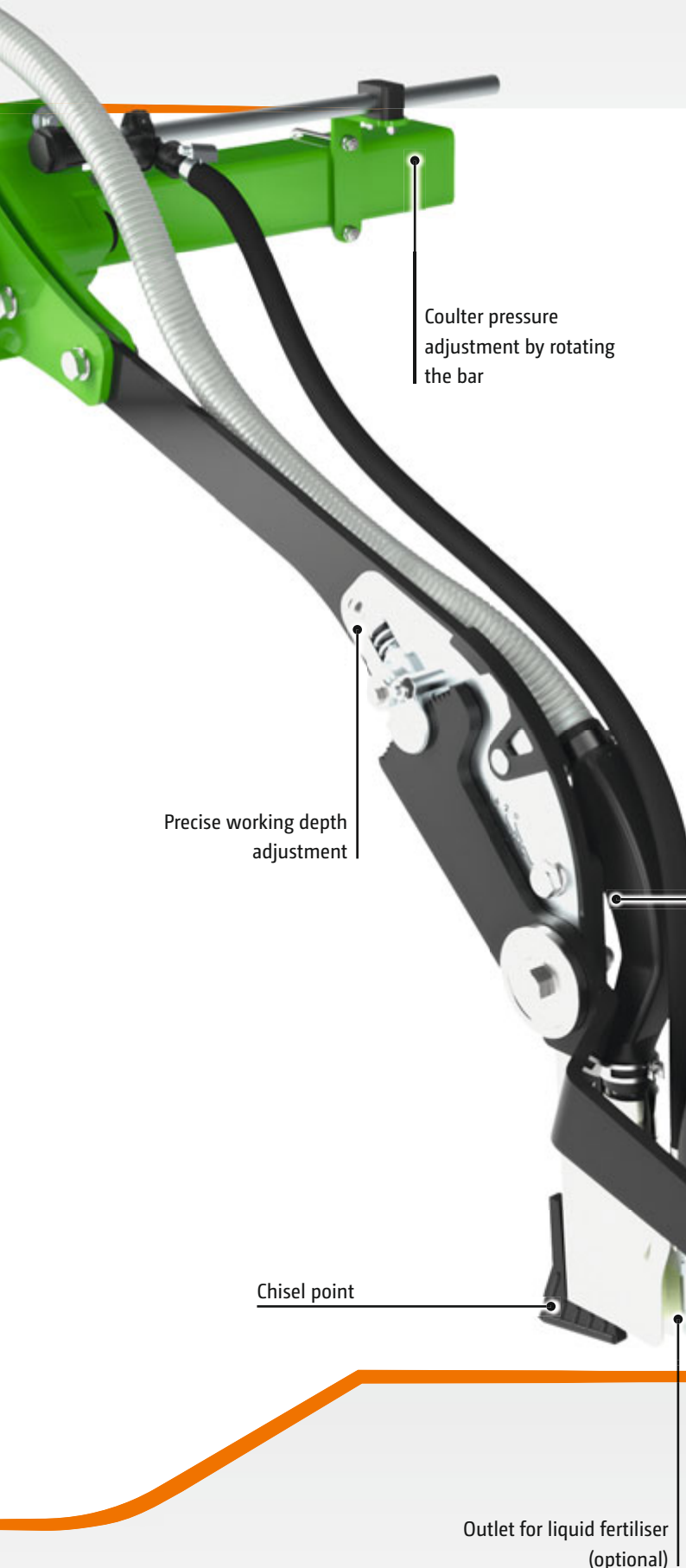
- ✓ Hard-faced HD plates for the point with an angle of 68°
- ✓ Extra hardened variants for difficult sowing conditions
- ✓ Long service life of the share points as a result of tungsten carbide alloy at the front



Standard: 68 degree angle



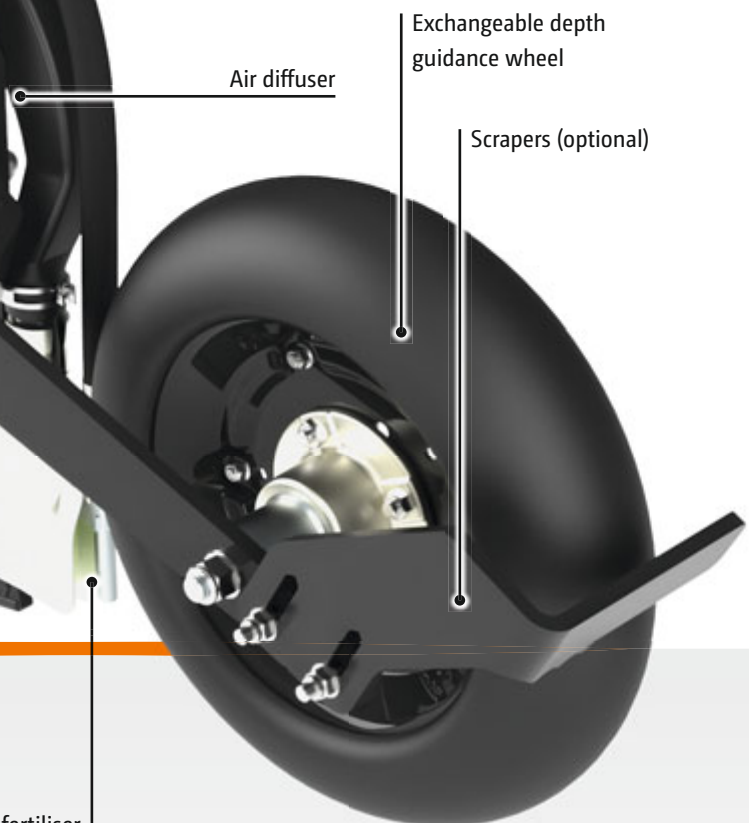
50 degree angle for better pull-in on very hard soils



Each coulters row is provided with its own hydraulic cylinder on both sides of the implement. This rotates the coulters bar, thereby applying pressure to the coulters. This enables a coulters pressure of up to 120 kg to be achieved. Since the coulters pull themselves into the soil, penetration is guaranteed, even on the hardest ground.

Optional air diffuser for the ConTeC pro tine coulters

- ✔ Superfluous air is released at the end of the seed conveying pipe before the furrow bottom
- ✔ Prevents fine seeds from being blown out of the furrow
- ✔ Flexible choice of fan speed and therefore less readjustment when changing seed type



Reliably guided at the correct depth

Guidance wheel and flexible depth control

Perfect contour following

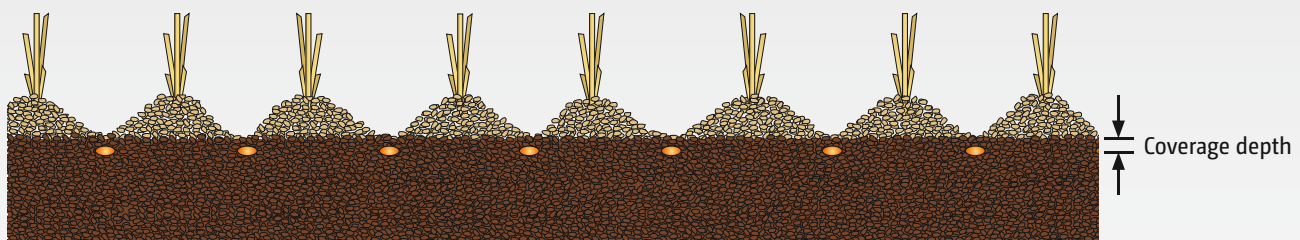
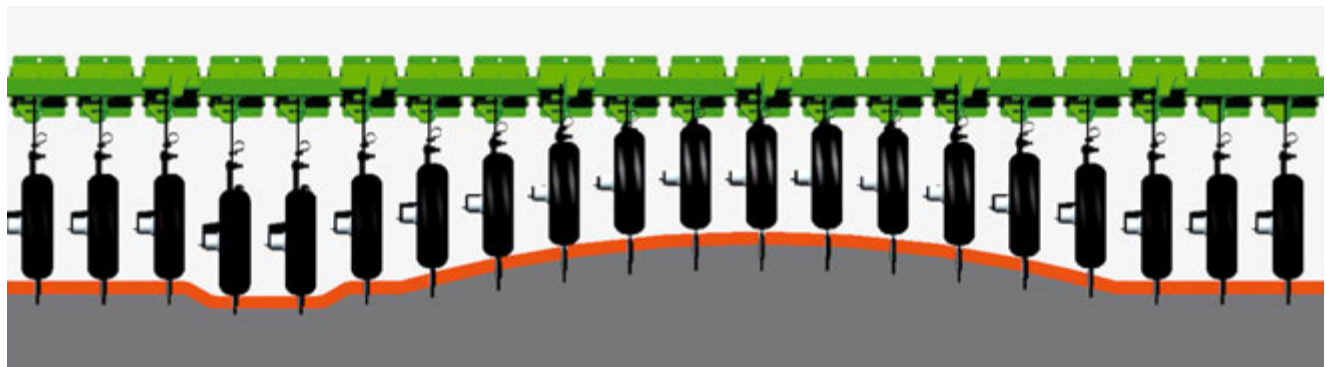
Made for the end user: the ConTeC pro-tine coulter enables excellent contour following thanks to its sophisticated and innovative design. It manages without the typical hydraulic cylinders on each share. A flexible connection between the frame section and the coulter is provided via the active sprung rubber buffer blocks. In addition, the coulter arms are made of high-quality spring steel, which offers reliable overload protection thanks to its flexibility. The coulter also has no lubrication points and therefore requires little maintenance.

The benefits

- ✓ Compensates in ground undulations of up to 65 cm whilst maintaining sowing depth
- ✓ Low incidence of failure
- ✓ Remote coulter pressure adjustment from the tractor cab
- ✓ Very high coulter pressure of up to 120 kg
- ✓ Blockage-free operation owing to the large clearance between the coulters of 20 cm and the frame height of 80 cm



Setting the depth-guided tine coulter





The different depth guidance wheel profiles

1. Air filled wheel

The air filled wheel is ideal for a wide range of applications. Thanks to its self-cleaning properties, it independently frees itself of dirt when used on wet, sticky ground. It also ensures reliable soil reconsolidation in dry conditions.

2. Fully foam-filled wheel – round profile

Due to its robust design, this wheel is ideally suited for use in extremely dry conditions and where harsh stubbles prevail. There is no risk of flat tyres or downtime. The hard wheel also provides optimum reconsolidation of the seed furrow.

3. Fully foam-filled wheel – triangular profile

Thanks to its wedge shape, this wheel provides the maximum contact pressure in extremely dry conditions and on light soils. Its outstanding durability is particularly advantageous when sowing in hard stubble.

4. Semi-pneumatic wheel

The semi-pneumatic wheel is a true all-rounder. Its thick rubber wall makes it extremely resistant to the hardest stubbles. Under dry conditions, the semi-pneumatic wheel provides excellent reconsolidation of the soil. Thanks to its internal air chamber, it also offers optimal flexing behaviour, which prevents wet soil from sticking to the wheel.

5. V-profile depth guidance wheels

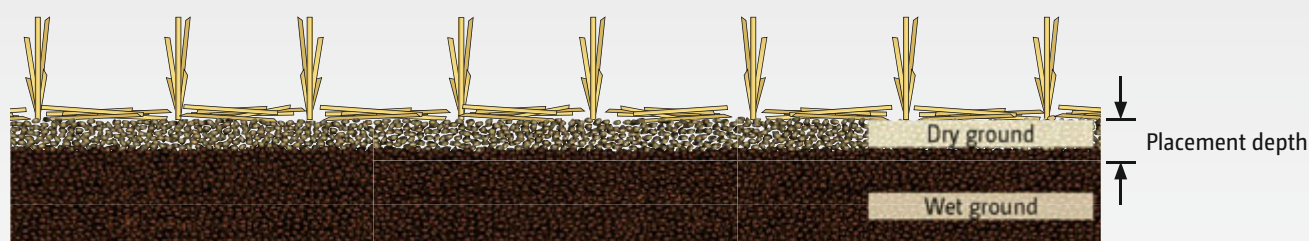
The V-profile depth guidance wheels are particularly suitable for sowing crops which require a shallow placement, such as oil seed rape. The furrow is securely closed by targeted reconsolidation on both sides of the seed. The burial of the rows is also minimised when mulch sowing.

Precise placement depth

The working depth adjustment of the ConTeC pro coulter guarantees the utmost comfort and precision when setting the placement depth. Thanks to the quick and easy tool-less adjustment of the sowing depth, the placement depth of all the coulters can be changed in a short time.

The benefits

- ✔ Precise and simple adjustment of the sowing depth from 1 to 10 cm
- ✔ Quickest possible adjustment to different seed types and weather conditions
- ✔ The adjustment is clear and easy to understand



Also for extremely dry conditions and hard ground

Row spacings from 20 cm

The Condor for maximum performance

The specification of the Condor trailed seed drill can now be precisely tailored to the respective regional conditions. With different row widths and optimal seed placement, requirements of the different growing conditions can be met perfectly, thereby securing or optimising yields.

Row spacing 20 cm

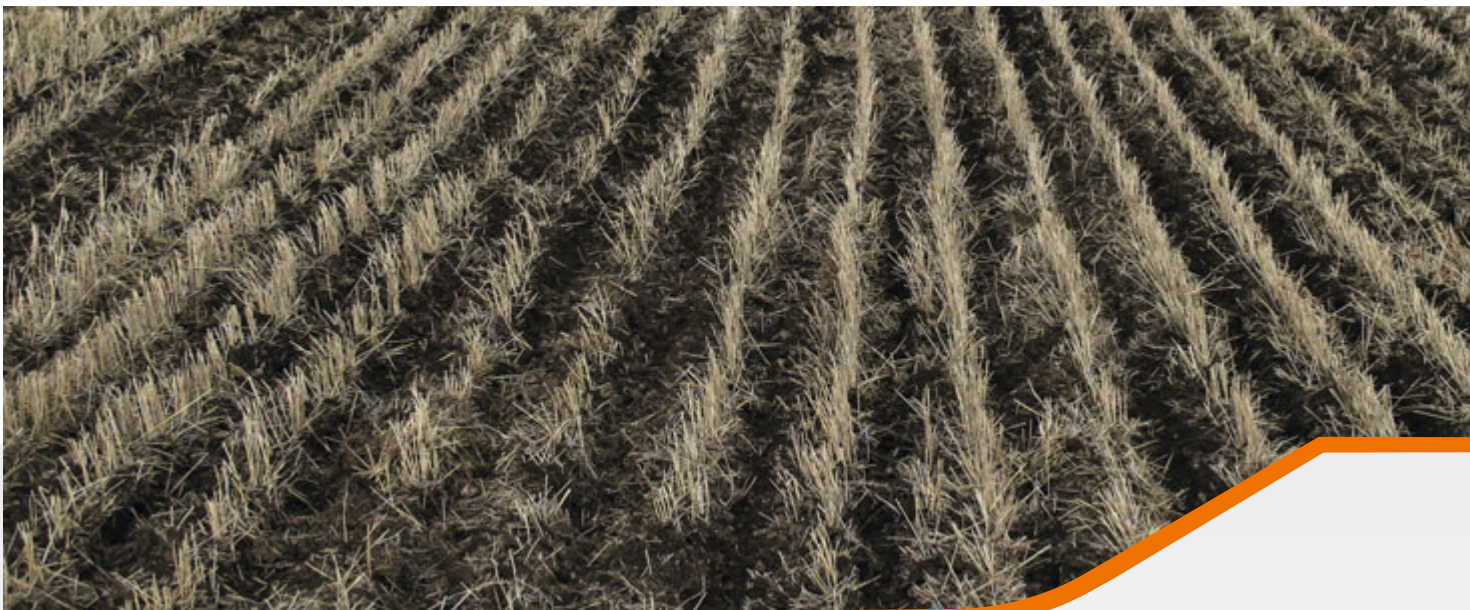
The row spacing of 20 cm is particularly advantageous for late sowing, high seed rates and spring sowing. Compared to traditional chisel openers for band sowing, the narrow ConTeC pro-tine coulter ensures a more precise placement depth and therefore a more even seed placement depth. This promotes more homogeneous plant growth and optimum crop development, resulting in greater yield stability.

Row spacing 25 cm

A row spacing of 25 cm is particularly suitable for moist Steppe regions, as they create optimal conditions for growth. The greater distance between the plants and the increased water supply minimise competition within the row. In addition, mechanical weed control can also be effectively implemented here thanks to the wider row spacing.

Row spacing 31.3 or 33.3 cm

A row width of 31.3 or 33.3 cm is recommended for particularly dry conditions. Here, highly vigorous individual plants can thrive thanks to lower seed rates and wide row spacing. These plants benefit from the maximum amount of available water, which significantly reduces the risk of stress ripening and considerable losses in yield. In addition, fuel consumption is reduced due to the higher working speed, which increases the area coverage.



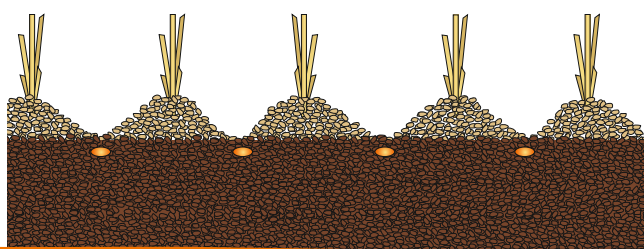


Precise oil seed rape sowing for higher yields

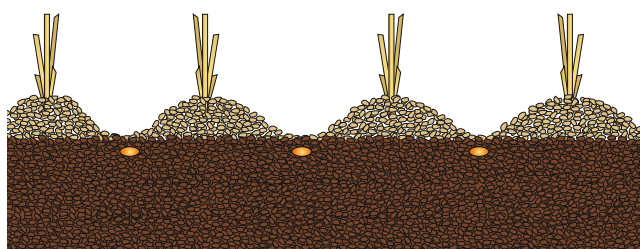
Growing oil seed rape in high continental regions is heavily dependent on the seed drill, as the growing season is short and dry. Precise placement of the seed is crucial for success. The individually depth-controlled ConTeC pro tine coulters ensure shallow yet precise seed placement, especially in combination with the optional V-profile depth guidance wheel.

Apart from the correct placement depth, the seed rate also plays a key role in oil seed rape establishment. Low seed rates promote the development of individual plants and reduce the risk of premature or stress ripening, which can significantly reduce yields. The electrically-driven metering units ensure precise metering of the seed – from 2 kg/ha. Thanks to the high-performance conveying system, the seed is evenly distributed. Only precise lateral distribution across the entire working width can produce a homogeneous crop.

With a row spacing of 31.3 or 33.3 cm in oil seed rape and wheat crops, field trials in dry regions have shown that it is not only possible to achieve higher yields but that the yields are also just as good in wet years against a row spacing of 20 or 25 cm. A wider row spacing also leads to input savings in seed and fertiliser, as fewer inputs are needed to achieve consistently high or even increasing yields. This technology enables even more efficient and higher-yield oil seed rape production.



Row spacing 25 cm



Row spacing 31.3 or 33.3 cm

Flexibly combined

Multi-chamber hoppers on the Condor 01 and Condor 02

Condor 01

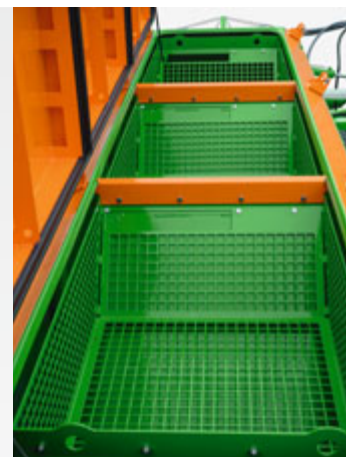


Condor 02

NEW



The Condor 02 has a main hopper with a capacity of 3,200 litres, which is divided into two sections at a ratio of 40% to 60%. A third applied material can be carried in a separate hopper with a capacity of 900 litres.



The Condor 01 models are equipped with a three-chamber pressurised hopper with a total capacity of up to 7,800 litres. The hopper is divided into three separate sections in a ratio of 30%, 30% and 40%. They can be flexibly combined, such as when sowing different seed sizes, such as the individual components in a cover crop mix. Also a combination of seed and fertiliser as a starter dose using the Single-Shoot process is possible.

As an alternative, the hoppers can be completely filled with just one product. In this case, the three chambers can be emptied simultaneously or successively in any order.



Passing through a hollow

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

Coulter pressure of the ConTeC pro tine coulters

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

Flexible metering

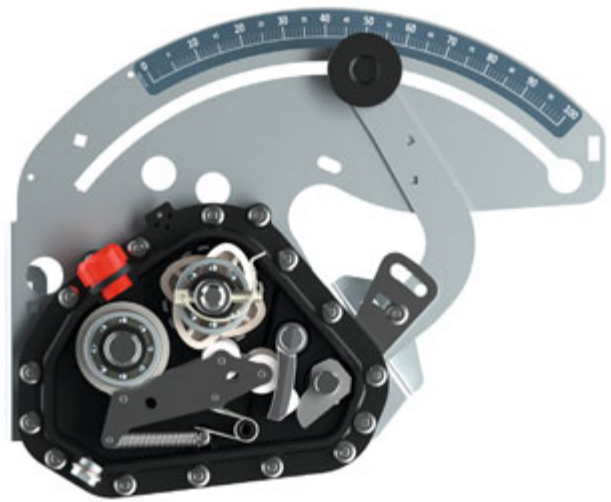
Metering system for seed and fertiliser

Metering drive – mechanical or electric

The electrically-driven metering system ensures a precise and even seed flow in the range from 2 to 400 kg/ha. Most types of seed can be sown using the metering cassettes supplied as standard. Additional cassettes are available as an option for other crops, such as maize or specialist crops.

The benefits:

- ✓ Simple and tool-less exchange of the metering cassettes
- ✓ Excellent accessibility of the metering unit
- ✓ Optional calibration via the TwinTerminal
- ✓ Quick and easy emptying of residual amounts via a separate outlet – ideal for rapid seed changes



The mechanical Vario gearbox provides seed rates from 2 to 400 kg



Metering cassettes for different seed types

Supplied as standard:

2x20 ccm



e.g. for oil seed
rape, stubble
turnips, lucerne

120 ccm



For catch crops,
maize and
sunflowers

2x210 ccm



e.g. for barley,
rye, wheat

2x600 ccm



e.g. for spelt,
oats, wheat

2x880 ccm



e.g. for high seed
rates

Other metering cassettes to choose from:

7.5 ccm



For rape, linseed
and poppies

350 ccm



For fertiliser

Mechanical metering drive – reliable and tried-and-tested

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

The benefits:

- ✔ Ultra-easy operation of the mechanical metering drive with the AmaLog⁺ in-cab terminal
- ✔ Simple adjustment of the seed rates on the machine



Electric metering drive – ready for precision farming!

The electrically-driven metering system enables convenient adjustment of the seed rate directly from the tractor cab. Functions such as pre-metering in field corners and calibration at the touch of a button make the job even easier.

In combination with ISOBUS, the seed rate can even be automatically adjusted on a part-area, site-specific basis via an application map. The TwinTerminal allows calibration to be carried out directly down at the machine – without having to constantly get on and off the tractor.

The benefits:

- ✔ Comfortable adjustment of the seed rate from the tractor cab
- ✔ Automatic metering on a part-area, site-specific basis via an application map
- ✔ Simple calibration directly on the machine via the TwinTerminal



Functions of the AmaLog⁺

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

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

Comfort comes up trumps!

Settings centre



Comfortable settings centre at the front left-hand side of the machine

The clearly arranged settings centre on the front left of the drill makes operation extremely easy and user-friendly. Large, easy-to-read pressure gauges on the front of the Condor provide information about all the relevant hydraulic functions and the internal pressure of the hopper at all times.

The benefits

- ✔ Comfortable and accurate machine set-up at the front left side
- ✔ Sturdy aluminium access ladder and spacious platform for safe working
- ✔ Integrated hand wash tank with soap dispenser – ideal for use in the field
- ✔ Practical hose rail for tidy and clean arrangement of hydraulic connections

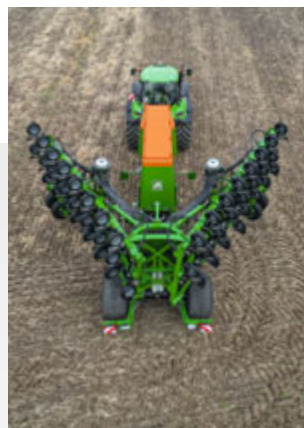
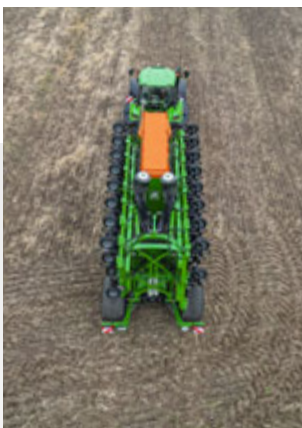
Folding efficiency

Quick and effective in the field and on the road

The Condor switches between the transport and working positions quickly, safely and conveniently. The implement can be moved out of its compact transport position, with a width of 3 m, to its unfolded working position in just a few simple steps.

For fast road travel, the trailed seed drill is equipped with a pneumatic braking system and is approved for transport speeds of up to 40 km/h – for maximum efficiency, even off-field.*

* Please be aware of national road traffic regulations!





Optimally located hopper – convenient and quick to fill

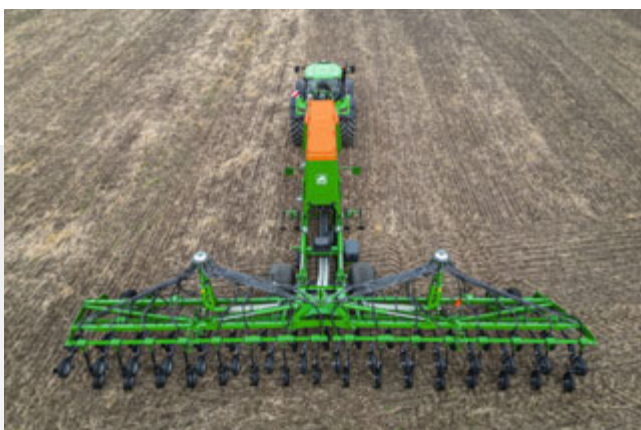
The multi-chamber hopper, positioned far forward on the drawbar, adds extra weight to the rear axle of the tractor, thereby improving its traction. It can be easily filled via big bags, front end loaders or transfer trailers, thereby saving time.

The hopper can be safely and easily accessed via the sturdy aluminium ladder and the spacious platform for maximum comfort during day-to-day working.

A dust-proof and splash-proof transport box lightens the work with the implement in the field.

Compact folding design

Thanks to its sophisticated folding design, the Condor can be folded down to a transport width of just 3 m, while still offering impressive working widths of up to 15 m. This means that even reversing is no longer a problem. An optional reversing camera provides additional safety and convenience, ensuring good rear visibility at all times.



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 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 for the Condor in AmaTron 4
GPS-Maps&Doc	• Inactive field boundaries and automatic field detection • Documentation via ISOBUS Task Controller or PDF export • Application maps in ISO-XML format and Shape file format • Online data exchange via the AmaTron Share App
GPS-Switch basic	• Section Control with up to 16 part-width sections • Virtual headland
GPS-Switch pro	• Section Control with up to 128 part-width sections and for up to 2 independent, ISOBUS-enabled machines • Auto-zoom, obstacle marking
GPS-Track	• Optical parallel guidance aid • Various different track modes • ISOBUS Level 1 tramline control
AmaCam	• Display of a camera image on the AmaTron 4 including reverse detection
AmaTron Twin	• Display extension using the AmaTron Twin App

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



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. For example, 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



ISO
BUS



Customer feedback about the Condor

! Dalel Dzhuzbaev, Kazakhstan, Condor 15001-C

“Last year we achieved approx. 1.6 t/ha from the land that we drilled using the AMAZONE Condor. In areas where we sowed using a different seed drill, with different coulters, the yield was an average of just 800 to 900 kg/ha.” reports Dalel Dzhuzbaev, whose Miras 2000 farm is located in Sadyrbay in Kazakhstan. The farm grows mainly wheat, barley, flax, durum and grass on an area of 20,000 hectares. The farm decided to use the AMAZONE Condor, on account of the very dry local conditions. “We need to conserve our water resources. Our main precipitation is in winter and there is very little rainfall in the summer months. For that reason we chose the tine seed drill.” says Dzhuzbaev. The simplicity of the Condor made for a convincing argument, even for a practical person such as Dalel Dzhuzbaev: “The seed drill is of a simple construction and there are just a few component parts that could fail or shut the machine

down. We haven’t really changed any spare parts over the past year.” Dzhuzbaev is also very happy with the yield per unit area figures: “The sowing speed is also very good. We can cover around 130 hectares in a 10 hour shift. That is very good. But it is not only the output that we like, the Condor also sows the seed at the required depth. We don’t need to be constantly walking the fields checking. Once you have set the coulter and the coulter pressure, the seed drill sows the seed accordingly. The sowing rate is also precisely maintained. The seed rows are easy to see at field emergence after sowing with the Condor. There are fewer gaps when compared with other seed drills. I recommend the seed drill everywhere, even on social media, the seed drill makes a real contribution to an increase in the harvest yield.”



Dalel Dzhuzbaev with his AMAZONE Condor 15001-C on the farm



Very good field emergence under dry conditions

! “I think that it is one of the best seed drills for our extreme conditions.”

Practical opinion from Dalel Dzhuzbaev
QR code for the video



Isabell von Spiegel and Christoph Nagel, Germany, Condor 12001-C

We opted for the Condor from AMAZONE because we were impressed by its working width and the seed hopper capacity. We get almost complete emergence, even if there is only a limited amount of moisture in the soil.

Testimonial from Isabell von Spiegel and Christoph Nagel – QR code for the video



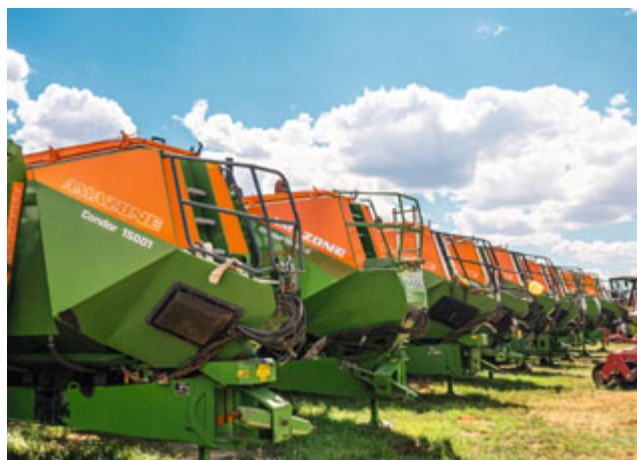
! Timur Pshenov, Kazakhstan, Condor 15001-C

“We have 15 AMAZONE Condor seed drills, and the daily output per drill, working in two shifts, averages 200 ha. So we cover up to 3,000 ha every day” reports Timur Pshenov, who founded the Kazakhstani farm “En-Dala LLP” in 1996. Starting with an area of 46 hectares, the farm now encompasses 60,000 hectares in the Tselinograd district of Kazakhstan. “The AMAZONE tine seed drill makes a particular impression with its low fuel consumption of approx. 3.7 to 3.8 l/ha. An additional benefit is the required tractor power rating of just 250 hp”, says Timur Pshenov. As a result of the low precipitation in the region, we use the Condor to sow directly into the stubble, mown as tall as possible, without soil tillage. Base fertiliser application is also carried out at the same time. Direct drilling into very tall stubbles is intended to enrich the organic matter in the soil, in order to increase the water holding capacity of

the soil. Timur Pshenov explains: “The No. 1 yield factor in our region is the moisture in the soil.” Lots more moisture remains in the soil as a result of the minimal soil movement caused by the Condor. “The seed lies in a sort of depression and is thus less influenced by the wind. This is also an outstanding characteristic,” according to Timur Pshenov.



Operations manager and founder Timur Pshenov with an AMAZONE Condor 15001-C



A view of the farm showing the machines lined up in a row.

! “The machine is of simple construction!”

Practical opinion from Timur Pshenov
QR code for the video



Agronomical benefits

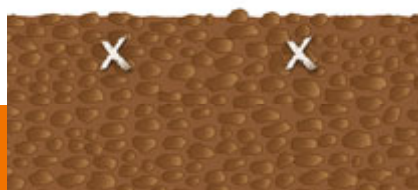
Conдор



The Condor – the reliable seed drill for dry conditions

With the Condor, the seed furrow is opened in a single pass, the applied materials such as seed, or seed and fertiliser, are precisely deposited, and the soil surface closed and reconsolidated. This efficient method of work, and the absence of any additional soil tillage, preserve the intact organic topsoil layer from the previous crop, thereby keeping soil water evaporation to a minimum. This preserves valuable soil moisture for germination of the seed or the release of nutrients from the fertiliser.

The Condor from AMAZONE enables you to work economically, even within extensive arable farming systems – and not just in dry, continental regions.



Seed only



Single-Shoot with 2 applied materials:
e.g. seed and fertiliser



Single-Shoot of 3 applied materials:
e.g. seed, undersown crop and fertiliser





Condor 12001-C and 15001-C

in working widths of 12 m and 15 m



The advantages of the Condor 01

- ✓ Optimum use of short, ideal periods for water-conserving direct drilling under difficult conditions thanks to large working widths, high working speeds and large hopper capacities.
- ✓ Modern arable farming systems utilising seed, undersown crops and the precise application of fertiliser in the seed furrow can be fulfilled by means of the three-chamber pressurised hopper using the Single-Shoot method.
- ✓ Quick and easy filling possible from the side, as the coulter unit folds up in a matter of seconds. This reduces downtime and increases efficiency.



12 or 15 m



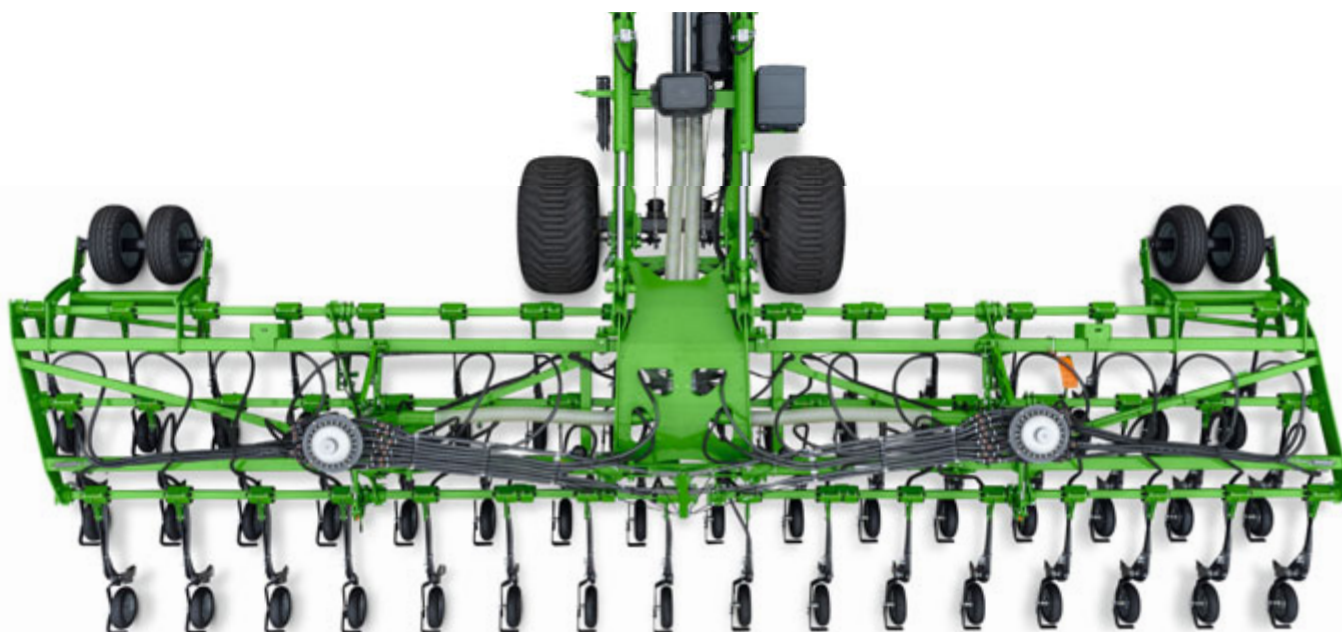
25 or 31.3 / 33.3 cm



7,800 litres (divided into
three sections: 2,400 l,
2,400 l and 3,000 l)



Up to 12 km/h



Condor 8002-2TC and 9002-2TC

in working widths of 8 m and 9 m



Cutting discs for loosening the tractor wheel marks can be fitted as an option



8 or 9 m



20 or 25 cm



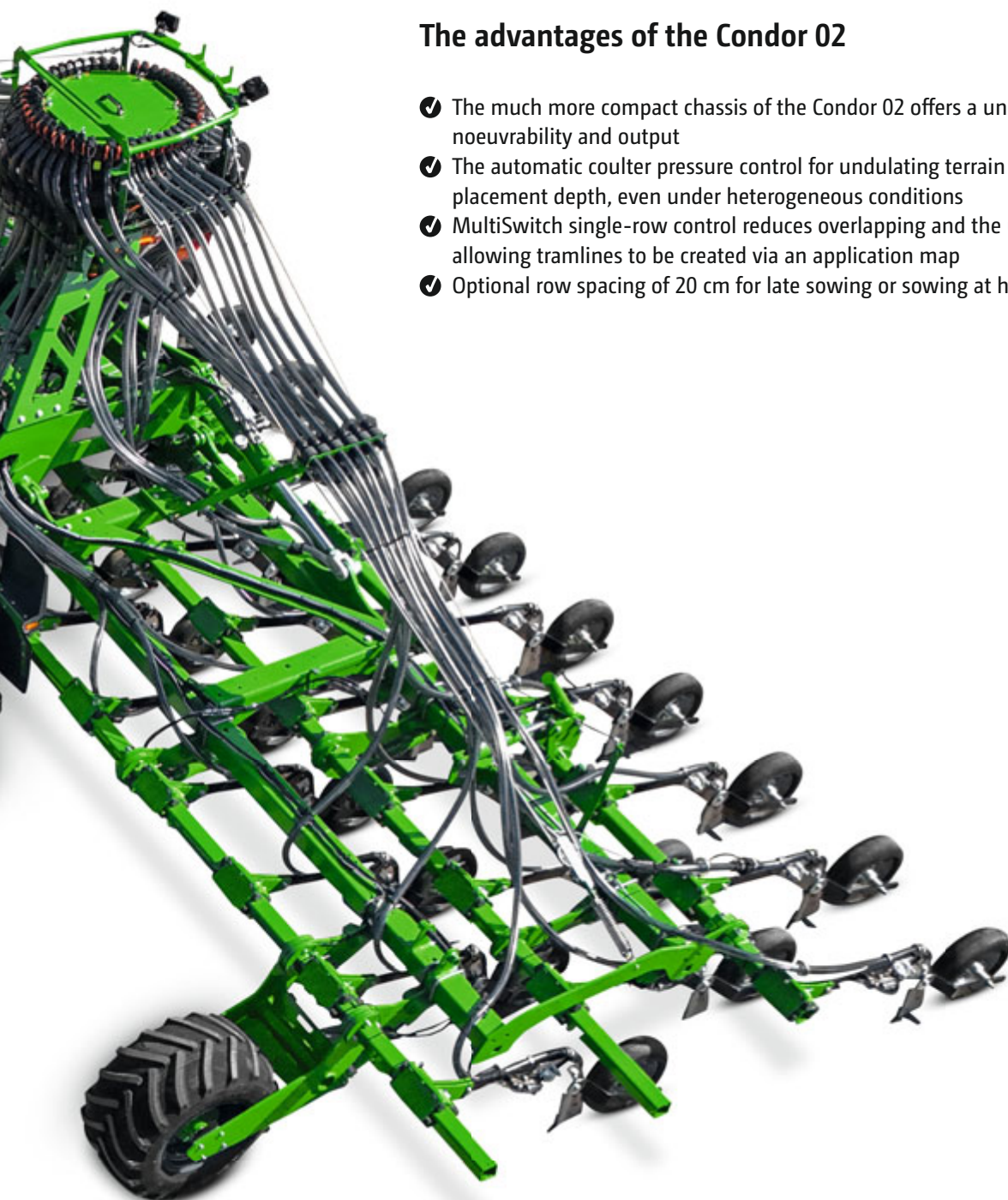
3,200 litres (divided into
two sections: 1,900 l
and 1,300 l) + 900 l



Up to 12 km/h

The advantages of the Condor 02

- ✔ The much more compact chassis of the Condor 02 offers a unique combination of manoeuvrability and output
- ✔ The automatic coulter pressure control for undulating terrain ensures a consistent seed placement depth, even under heterogeneous conditions
- ✔ MultiSwitch single-row control reduces overlapping and the use of inputs, whilst also allowing tramlines to be created via an application map
- ✔ Optional row spacing of 20 cm for late sowing or sowing at higher application rates



For more efficiency and comfort

Optional equipment

Air pre-heater:

No sticking in wet weather and at high application rates

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

Seed pipe monitoring: everything under control

The optional seed pipe monitoring system is another useful aid. This immediately detects blockages at the coulter without the seed having to accumulate at the sensor. Sensors in the seed hoses, directly behind the distributor head, continuously monitor the seed flow. If a blockage is detected at the coulter, it is reported immediately, so that a quick response can be made. The system also automatically detects when the drill is tramlining.

Tractor wheel mark eradicators or cutting discs

Tractor wheel mark eradicators for the Condor 01 or cutting discs for the Condor 02 are available as an option for use on loose or unconsolidated soils. The wheel marks are loosened and levelled. Hydraulic control enables automatic lowering and lifting on the headland or when folding for transport.





Road lighting kit

The seed drill fulfils all road traffic regulations concerning transport safety with a lighting kit for road transport.

LED work lights

The seed drill 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 Condor 01 trailed seed drill. The filling auger allows quick and easy filling directly from a transfer trailer.



FT-P 1502 autonomous front tank

The versatile partner in modern crop production!



Application of liquid fertiliser on the Primera DMC coulters

FT-P 1502 autonomous front tank

The FT-P 1502 front tank, with its 1,500 litre capacity, is the ideal partner where there is a need to apply any liquid products. These include hoes with band spraying, seed drills with liquid fertiliser application and many others.

Uses for the self-contained front tank:

- ✔ Band spraying in conjunction with the Venterra hoe
- ✔ Liquid fertilisation during sowing with the Precea precision air seeder and the Primera DMC direct seed drill or Condor
- ✔ Application of bio-stimulants during sowing
- ✔ Other individual applications



1

Precise application

The liquid fertiliser is pumped through hoses to the coulters on the seed drill. The fertiliser hoses are carefully routed and they are protected by protective cladding from stone impacts and damage. The liquid fertiliser is dispensed via a special outlet on the coulters, either directly into the seed furrow or to the left and right of the seed furrow via a double outlet. In order to prevent dripping at the headland, each outlet is equipped with an anti-drip diaphragm. Each outlet also has an appropriate metering disc depending on the application rate.

1. Outlet for liquid fertiliser on the ConTeC pro tine coulters



Testimonial from Lars Eikelboom
QR code for the video

Simple, intelligent operation via the SmartCenter

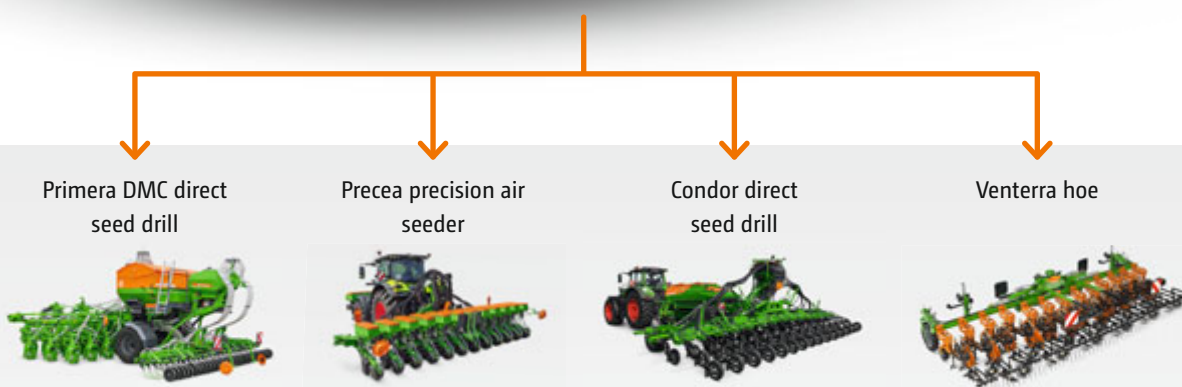
The operator station of the FT-P 1502 front tank is positioned on the left-hand side and so is easily accessible. The operator station can be equipped with the Comfort-Pack as an option. This includes the TwinTerminal 3.0 for operating the suction side, automatic fill stop for suction filling, fill level dependent, auto-dynamic agitation regulation and remotely controlled, automatic cleaning programmes for quick and thorough cleaning. The FT-P 1502 front tank is equipped with a 180 l fresh water tank that enables efficient cleaning. For autonomous operation, the FT-P 1502 front tank is provided with a hydraulically-driven 180 l/min piston diaphragm pump and can also be equipped with part-width section control. The oil requirement for operating the pump is 35 l/min.



TwinTerminal 3.0



FT-P 1502 autonomous front tank





Innovative establishment system Cut 'n' Sow – direct sowing taken a step further

Ultra-shallow soil tillage ahead of direct seeding where a large amount of organic matter is present

Top results from a non-aggressive pass

The subject of soil tillage is becoming more and more significant when it comes to the purchasing decision-making on farms. The bigger the problems of lack of moisture, pests such as slugs, chemical resistance, and the requirements for reducing the amount of plant protection agents used, the more important the right means of soil tillage becomes. AMAZONE developed the TopCut cutting roller combination for ultra-shallow soil tillage.

With the TopCut, the first stubble cultivation can be carried out ultra-shallow, thus saving a great deal of water and creating a perfect seedbed for volunteer grain and weed seeds. Once the unwanted plants have germinated, they are easily removed in a second pass. Furthermore, the intensive cutting and shredding of organic matter in the

field stimulates the decomposition process. This improves field hygiene and reduces the transmission of fungal diseases and pests.

The TopCut cutting roller combination can be used universally throughout the year under various applications – for catch crop establishment, for shredding harvest residues, for mechanical weed control and for preparation ahead of direct seeding with tines such as with the Condor.

The Primera DMC large area seed drill, the Cayena tine drill and the Cirrus trailed seed drill with Minimum TillDisc can also be used for direct sowing when adopting the Cut 'n' Sow technique with the TopCut.

Areas of application for the TopCut

- ✓ Perfect stubble shredding in oil seed rape, sunflowers, maize stubbles and in catch crops
- ✓ Improved straw management through uniform straw distribution
- ✓ Promotion of straw decomposition as a result of mixing with fine soil on the surface
- ✓ Mechanical weed control before sowing
- ✓ Seedbed preparation with a high proportion of fine soil and optimum reconsolidation for reliable emergence

The benefits of ultra-shallow seedbed preparation when direct sowing with a large amount of organic matter present:

- ✓ Cost-effective, water-conserving system for optimising direct sowing under difficult conditions
- ✓ Reduction in the risk of blockages in tine coulter seed drills
- ✓ Effective slug control
- ✓ High output with low fuel consumption

TopCut 6000-2 with Condor 12001-2C in operation



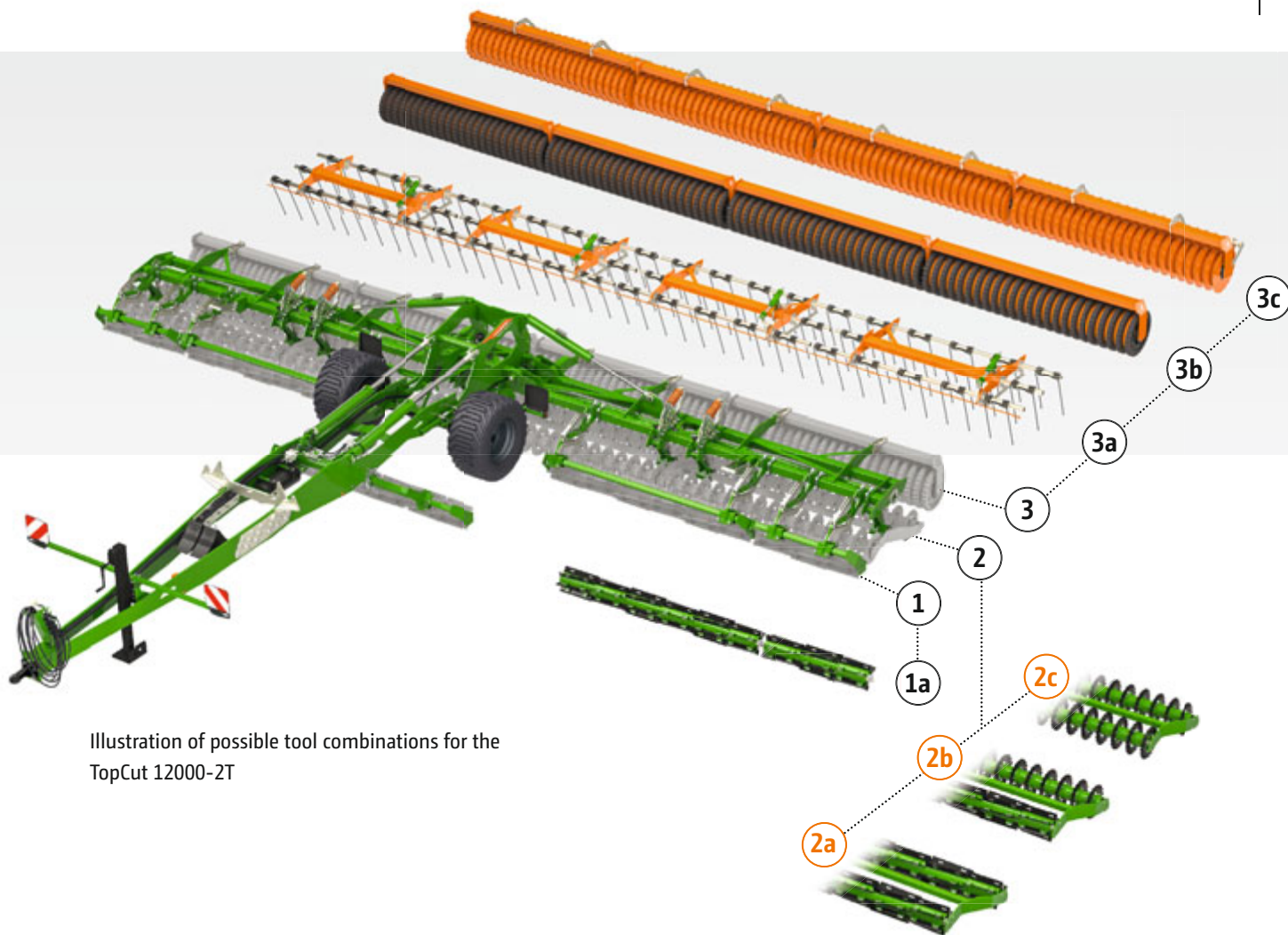


Illustration of possible tool combinations for the TopCut 12000-2T

Overview of the tool combinations for the TopCut:

1. Leading tool

- ①a Knife roller

2. Main working segment

- ②a Double knife roller
- ②b Combination of knife roller and Minimum TillDisc
- ②c Double Minimum TillDisc

3. Rear packer roller

- ③a Straw harrow
- ③b KWM 600 wedge ring roller with matrix tyre profile*
- ③c DW 600 disc roller*

* not in combination with the leading tool

②a



②b



②c



MORE INFORMATION
www.amazone.net/topcut



PRODUCT FILM
TopCut

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.

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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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





The Condor with comfort hydraulics

for Kirovez tractors and more!



Optimised technology for the “Yellow Giants”

For many decades on farms in the CIS states the “Yellow Giants” are the standard tractors for multiple operations on the farm and in the field. AMAZONE offers the possibility to operate ultra-modern sowing technology alongside these available powerful and robust tractors. Measurements prove an effective fuel consumption of 4 l/ha for a K700A combined with a Condor 12 m. This is just 1 l/ha more than is achieved with a modern imported tractor! This eliminates the financial pressure of having to buy a new tractor for the new seed drill.

Comfort hydraulics – ready for every eventuality

As an option, AMAZONE offers a comfort hydraulic system with an oil tank on the seed drill and a separate hydraulic pump, in order to ensure that the oil pressure is sufficiently high and an appropriate amount of oil is available to the hydraulic blower fan when it is used behind tractors with a poor hydraulic capacity. AMAZONE offers a variety of clip-on pumps for a wide range of tractors, meaning that a solution is possible for virtually every tractor.



Video of Condor 15001 in use with a Kirovez tractor



Technical data:

Condor trailed seed drill

Condor 01 models	Condor 12001-C	Condor 15001-C
Working width (m)	12.00	15.00
Transport width (m)	3.00	3.00
Transport height (m)	3.95	3.95
Operational speed (km/h)	8 – 10	8 – 10
Average work rates (ha/h)	8 – 9	8 – 12
Power requirement from (kW/hp)	160 / 218	200 / 272
Hopper capacity (l)	7,800 divided into 2,400 / 2,400 / 3,000	7,800 divided into 2,400 / 2,400 / 3,000
Linkage	Cat. 3, Cat. 4 or Cat. K700 lower link	Cat. 3, Cat. 4 or Cat. K700 lower link
Weight (kg)	9,500	10,500
Row spacing (cm)	25 / 33.3	25 / 31.3

Condor 02 models	Condor 8002-2TC	Condor 9002-2TC
Working width (m)	8.00	9.00
Transport width (m)	3.00	3.00
Transport height (m)	3.95	3.95
Operational speed (km/h)	5 – 12	5 – 12
Average work rates (ha/h)	7 – 8	8 – 9
Power requirement from (kW/hp)	118 / 160	132 / 180
Hopper capacity (l)	3,200 divided into 1,280 / 1,920 + 900	3,200 divided into 1,280 / 1,920 + 900
Linkage	K80 and lower link cross shafts	K80 and lower link cross shafts
Weight (kg)	7,300	7,600
Row spacing (cm)	20 or 25	20 or 25

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.



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