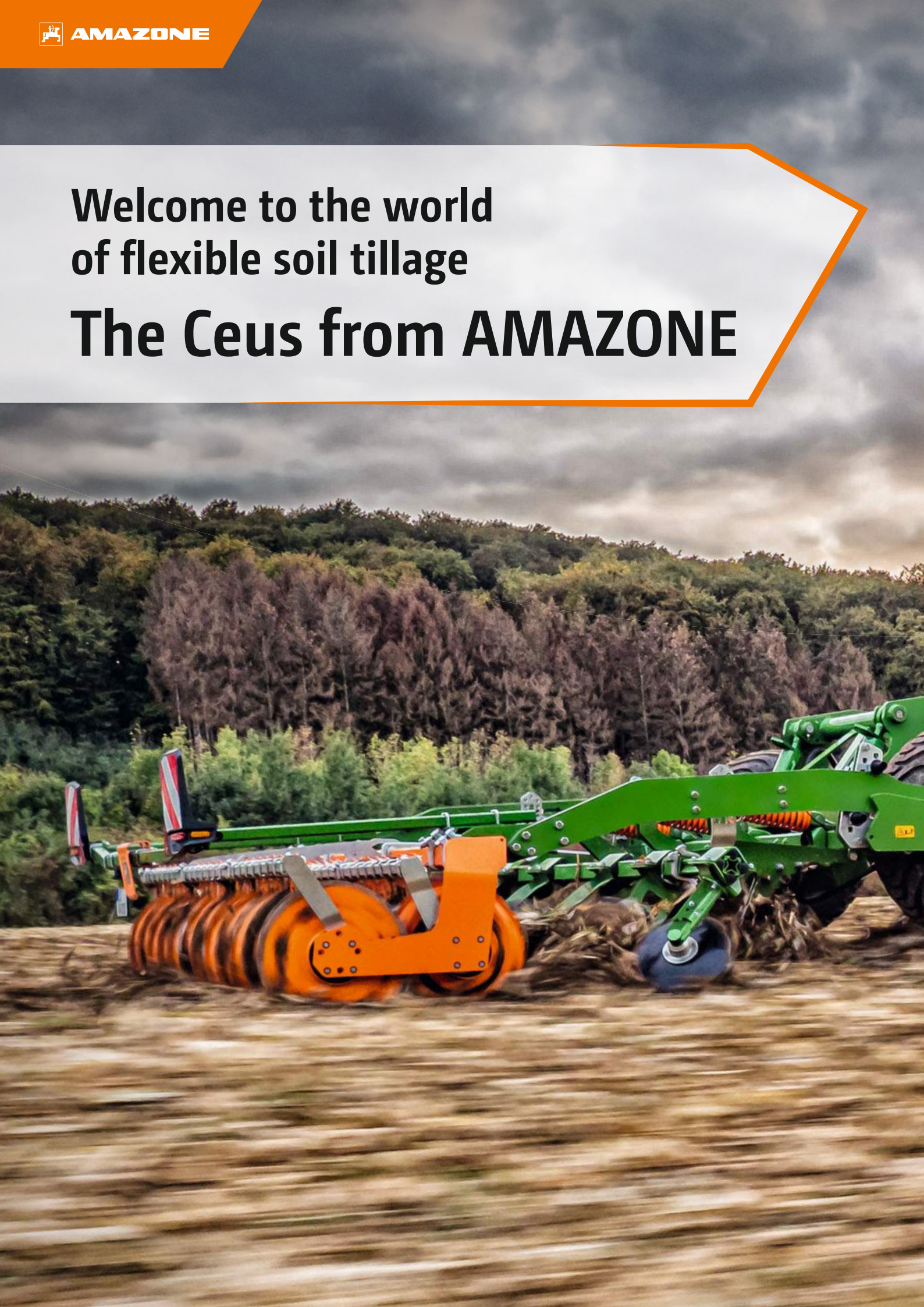
AMAZONE

Trailed disc & tine combination cultivator **Ceus**

AMAZONE

Welcome to the world of flexible soil tillage

The Ceus from AMAZONE



Ceus – everything with the one machine!

Maximum flexibility and efficiency in a single soil tillage implement – that is the Ceus from AMAZONE. The combination of discs and tines, together with the levelling unit and rear roller, facilitates soil tillage and seedbed preparation in a single pass: The discs cut, chop and intensively mix any organic matter. The tines loosen compaction in the subsoil and complete the mixing process. The levelling unit levels the soil, which is then crumbled and reconsolidated by the rear roller. This prevents the soil from drying out and leaves it ready for sowing.

The Ceus offers variable use of the discs and the tine element: This means that, in addition to the simultaneous use of the discs and the tine element, it is also possible to use just the discs without the tines – and vice versa. Thanks to its central running gear, it can also be used with or without the rear roller. Everything with one machine, thanks to this ultimate flexibility.

The Ceus concept

Mixing, deep loosening, levelling and reconsolidation in a single pass

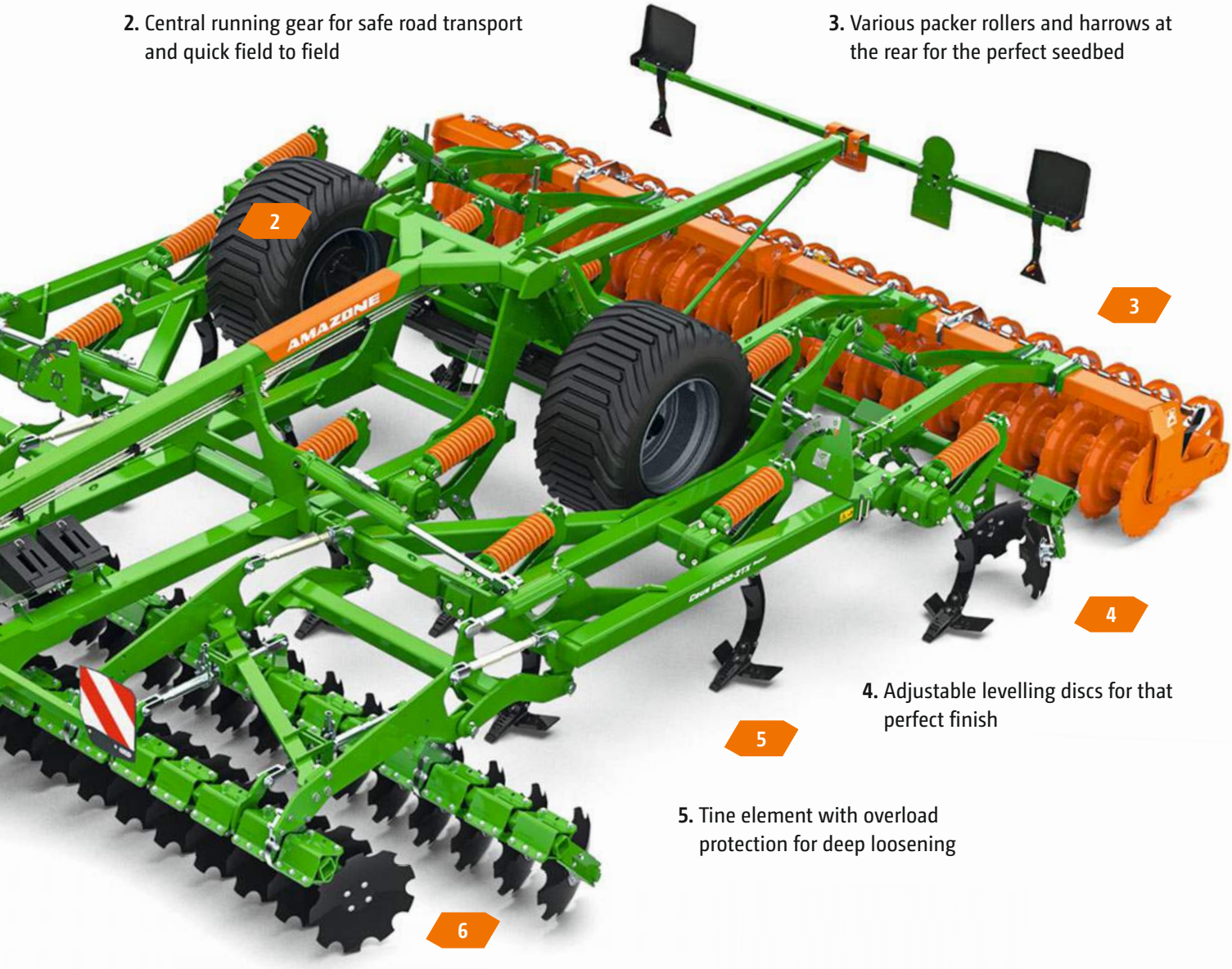
1

1. A variety of hitch systems, the right one for any tractor

Model overview	Ceus 3000-TX	Ceus 4000-TX	Ceus 4000-2TX	Ceus 5000-2TX	Ceus 6000-2TX	Ceus 7000-2TX
Working width (m)	3	4	4	5	6	7
Chassis execution	trailed, rigid	trailed, rigid	trailed, folding	trailed, folding	trailed, folding	trailed, folding
power required (min. hp)	150	200	200	250	300	350

2. Central running gear for safe road transport and quick field to field

3. Various packer rollers and harrows at the rear for the perfect seedbed



4. Adjustable levelling discs for that perfect finish

5. Tine element with overload protection for deep loosening

6. Catros disc element with individual disc suspension for intensive mixing and incorporation of organic matter

Ceus-TX and Ceus-2TX trailed disc & tine combination cultivator

MORE INFORMATION
www.amazone.net/ceus

PRODUCT FILM
Find out more

SMART LEARNING
www.amazone.net/smartlearning

3 to 7 m

5 to 14 cm

5 to 35 cm

Up to 15 km/h

Soil tillage completed in a single pass

The Ceus disc & tine combination cultivator is particularly suitable for deep loosening of soils containing a large amount of organic matter. The combination of a disc element followed by tines enables the Ceus to offer the advantages of both a disc harrow and a cultivator in a single compact machine. The Ceus is recommended for stubble cultivation, but can also be used for primary soil tillage, with deep loosening and seed-bed preparation.

FLEXIBILITY

Highly adaptable!

Option to use the machine with just the disc element, or with just the tine element; ensuring maximum flexibility in soil tillage. Working without a roller in wet conditions is possible thanks to the depth control via the central running gear.

OUTPUT

High performance!

Intensive mixing of the soil and reliable depth control combined with low fuel consumption.
High manoeuvrability on the headland and excellent driving characteristics on the road thanks to the over-dimensioned central running gear.

ROBUSTNESS

Sturdy!

Excellent outcome, even under the most arduous of conditions, made possible by the high trigger forces of the overload protection system on the C-Mix Super and C-Mix Ultra tines.

Disc harrow and cultivator combined

Mixing on the surface, loosening at depth

Multiple operational processes in a single pass

With the trailed disc and tine combination cultivator, several operational processes can be combined in one pass. The leading disc segment, with its serrated 510 mm diameter discs, enables shallow cultivation at working depths of 5 to 14 cm.

The following tine element with C-Mix tines can then be used for subsequent loosening, down to a working depth of 35 cm. At the same time, the downforce of the tine element which occurs during work increases the penetration effect of the front discs.

The front disc segment

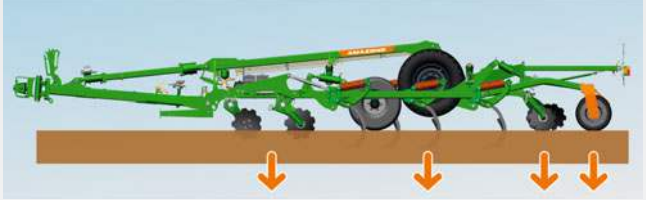
- The organic matter is thoroughly shredded and mixed.
- Rotting is quickly promoted.
- If only deep loosening is required, the disc element can be lifted up out of work, even at the maximum working depth of the tines.

The combination makes the difference

- The combination of discs and tines is extremely reliable and economical for the short periods of use.
- Complete working of the soil thanks to the combination of the disc element and the tines.

"The Ceus also manages with less pulling power for deep soil tillage."

("top agrar" - System comparison "Everything with one machine?" - 06/2021)



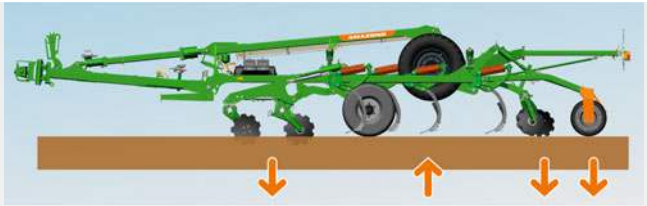
Operation with both discs and the tine element

The tine element

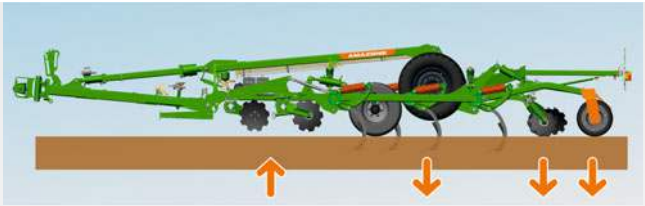
- The following tine element enables deep soil layers to be loosened down to a working depth of up to 35 cm.
- The flexible working depth adjustment also allows for shallow working depths of 5 cm for the tines.
- With the 430 mm wide wing shares on the tines, the entire soil surface is cut.

The system in comparison with a cultivator

The Ceus is the universal machine for soil tillage. The principle of the Ceus is different from that of an ordinary cultivator. When the two implements are compared, the Ceus demonstrates its strength first and foremost with its intensive mixing. The front disc element helps with distribution and incorporation, especially in fields with a large amount of organic material. The low pulling power requirement of the Ceus provided by the wider spacing of the tines is also sure to impress when deep loosening. The front disc element means that the Ceus gets by with a larger tine spacing without having to compromise its mixing performance.



Operation with the disc element but without the tines



Operation with the tine element but without the discs

The heart of the disc harrow

The disc element

The leading discs – perfect shredding and mixing

The leading discs comprehensively incorporate the organic matter by intensively shredding and mixing the crop residues on the surface of the soil. At the same time, a finely crumbled structure occurs within that top soil layer. This creates optimum conditions for rotting on the one hand and excellent germination and emergence conditions on the other. The working depth is adjusted via a parallelogram. This changes the working depth of the front and rear row of discs to the same extent.

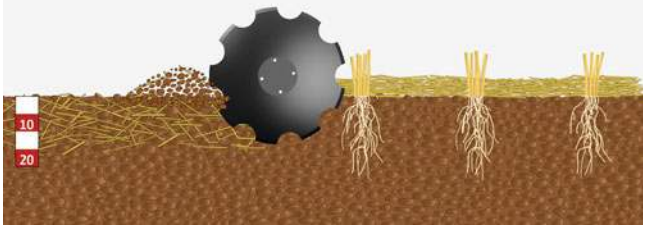
Catros+ discs – for a more intensive mixing

The 510 mm diameter Catros+ discs are characterised by their aggressive operation and more reliable penetration, even under difficult conditions. The optimum scope of use for these discs is stubble tillage, seedbed preparation and also the incorporation of catch crop residues.

Perfect – individually suspended discs

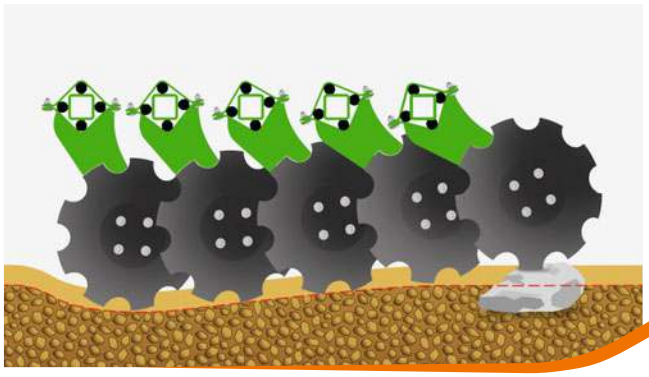
As is familiar from the Catros compact disc harrow, each disc is individually suspended from the frame using resilient sprung rubber buffer blocks. This is much better than implements where the discs are suspended in pairs, since each concave disc can follow the ground contours individually. This makes for a consistent shallow soil tillage, even if the soil surface is uneven and the soil is stony. At the same time, the individual suspension of the discs enables the optimum passage of large amounts of organic matter in comparison to machines where the discs are mounted in pairs, thereby improving the through-flow.

Catros+ 510 mm
(coarse serrated)



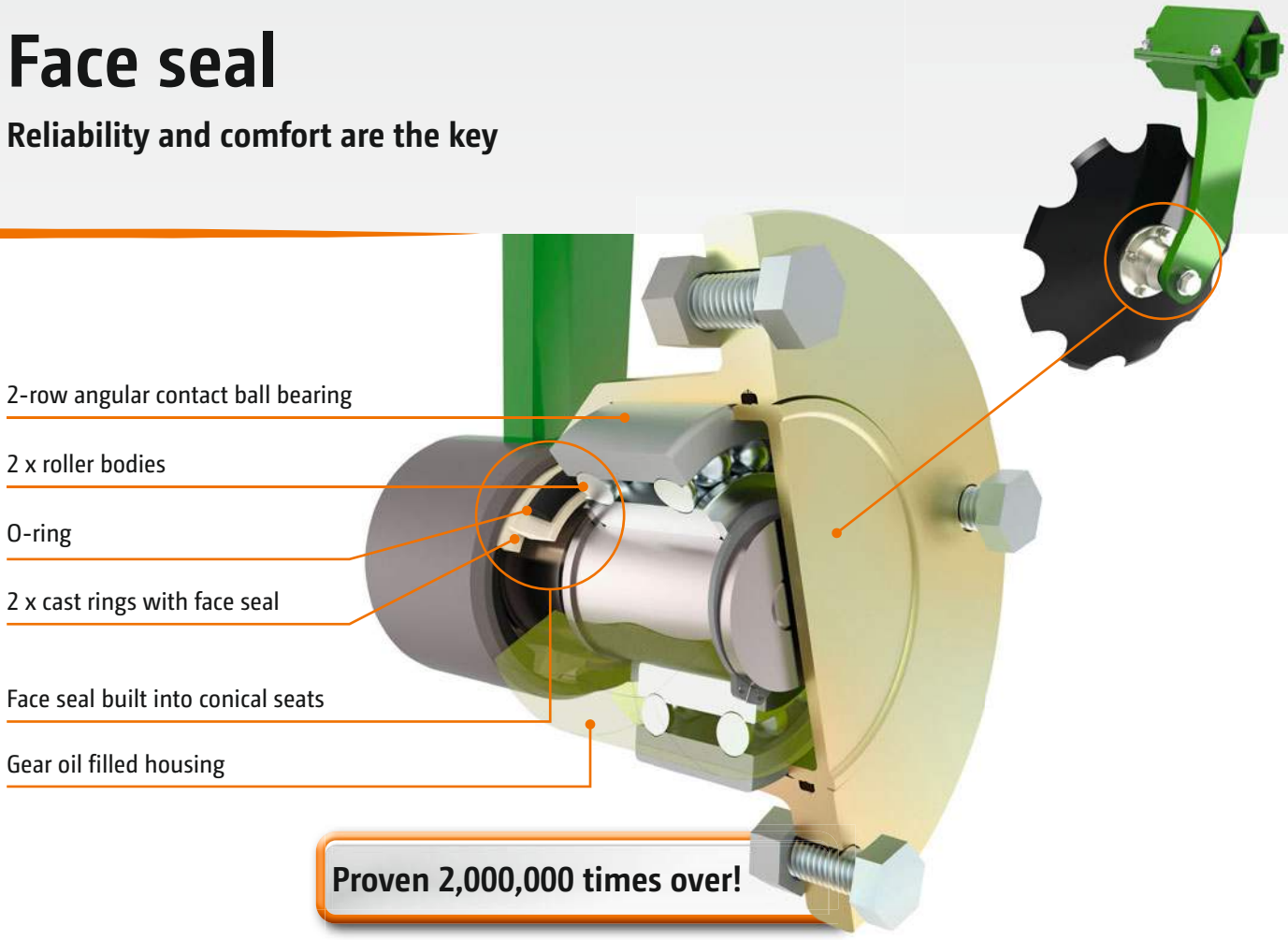
Reliable and absolutely maintenance-free!

The elastic sprung rubber buffer blocks for suspending the discs, not only ensure optimum contour following, but also act as overload safety protection on each individual disc. The oversized sprung rubber buffer blocks are maintenance-free and are characterised by a large potential deflection providing safety even where large stones prevail.



Face seal

Reliability and comfort are the key



No lubrication ever again – thanks to the maintenance-free disc bearings

With no need to lubricate the disc bearings, this results in a significantly reduced overall maintenance time. The face seal has been used in AMAZONE tillage equipment for almost 25 years, and has, over this period, more than proven itself across every continent.

Advantages of the disc element

- Maintenance-free disc bearings with face seals and life-long lubrication
- Maintenance-free overload protection via rubber spring elements
- Individual disc suspension for optimised contour following and excellent through passage

The heart of any cultivator

Tine element and C-Mix share system

The tine element for deep loosening

The tine element with C-Mix Super tines or C-Mix Ultra tines allows deep soil layers to be loosened at a working depth of up to 35 cm to alleviate compaction and improve root growth. However, it can also be used for cultivating stubbles or mechanical weed control where, with the wing shares, for instance, the share points run just below the working depth of the disc harrow. This loosens the soil and creates a rougher soil structure. Water infiltration into the soil is significantly improved and the risk of soil capping is significantly reduced. Deep loosening also improves the mixing and incorporation of organic matter.

The AMAZONE C-Mix share system is used with the tine element. With a tine spacing of approx. 40 cm, the Ceus proves to be particularly easy to pull while allowing high passage of organic matter, even when deep loosening.
The tines can be lifted up and work carried out with just the leading disc element if only shallow stubble cultivation is required.

C-Mix Super tines with pressure spring overload protection

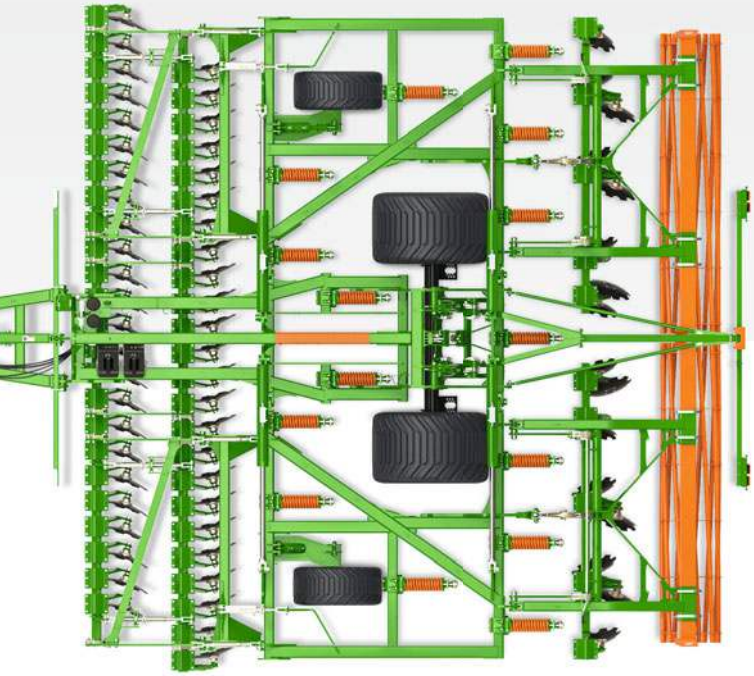
The benefits:

- For operating in conditions with only an occasional overload
- Ideally suited to locations with light to heavy ground
- Automatically resets after triggering – high force ensures a reliable reset
- Trigger force of 600 kg for high operational reliability

C-Mix Ultra tines with hydraulic overload protection

The benefits:

- For operating in conditions where there is regular triggering
- Ideally suited to locations with very variable soils and lots of stones
- Damped via the hydraulic cylinder when it is reset after triggering – less wear in conditions with a high number of trip cycles
- Stepless, hydraulic adjustment of the release force from 500 to 800 kg for maximum operational reliability under all conditions



C-Mix share system

The separation of guide plate from the share point above all serves to reduce wearing metal costs. Depending on soil type, location and soil moisture, up to 3 to 5 share points can be worn-out before having to replace the guide plate. The guide plates on the C-Mix share system are manufactured with a spiral design that ensures, in combination with the optimum curve of the share, perfect deflection of the soil flow and thus a very high mixing intensity but yet with a lower power intensity.

Everything in the one hand

AMAZONE offers an extensive selection of different shares for the wide range of application of the Ceus. The various wing shares ensure excellent loosening at a medium working depth. The narrower 80 mm and 100 mm shares loosen and mix the soil intensively, even at slightly greater working depths. For even deeper loosening up to 35 cm, the 40 mm wide C-Mix narrow share should be used, since it is easier to pull than the 80 mm and 100 mm shares.

HD Pro shares

The 430 mm wing share, the 350 mm wing share, the 320 mm duck foot share, the 80 mm point and the 40 mm share are also available as a hard-wearing, HD pro version, especially for particularly high performance applications. The length of the share remains constant over the entire period of use. This means that the maximum working depth can always be achieved. Depending on application and soil conditions, the service life is up to five times longer than with the standard system.

*also available in a HD pro variant

C-Mix 430 mm wing share*

C-Mix 350 mm wing share*

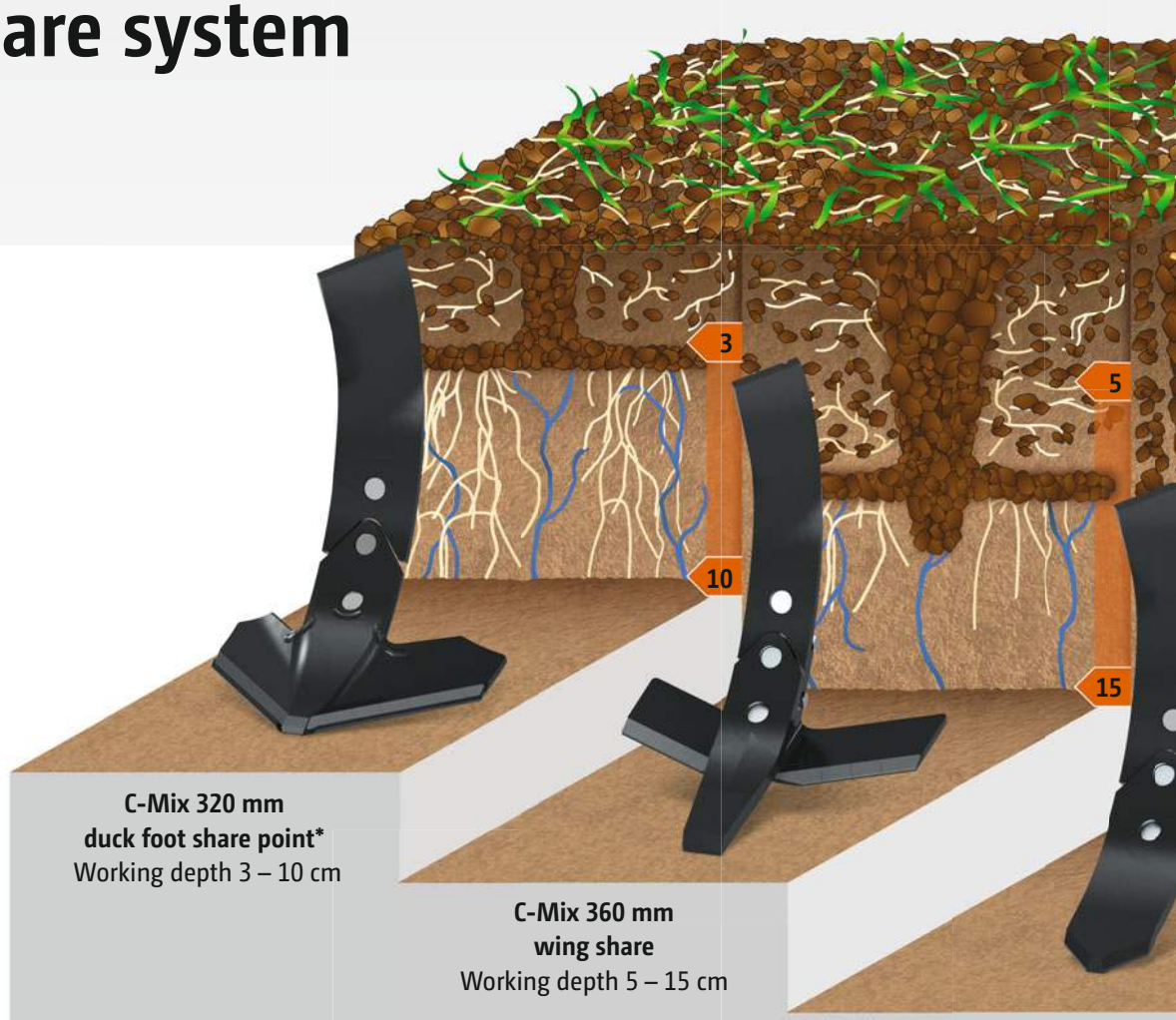
C-Mix 320 mm duck foot share*

C-Mix 100 mm point with 100 mm guide plate

C-Mix 80 mm point* with 80 mm guide plate

C-Mix 40 mm share*

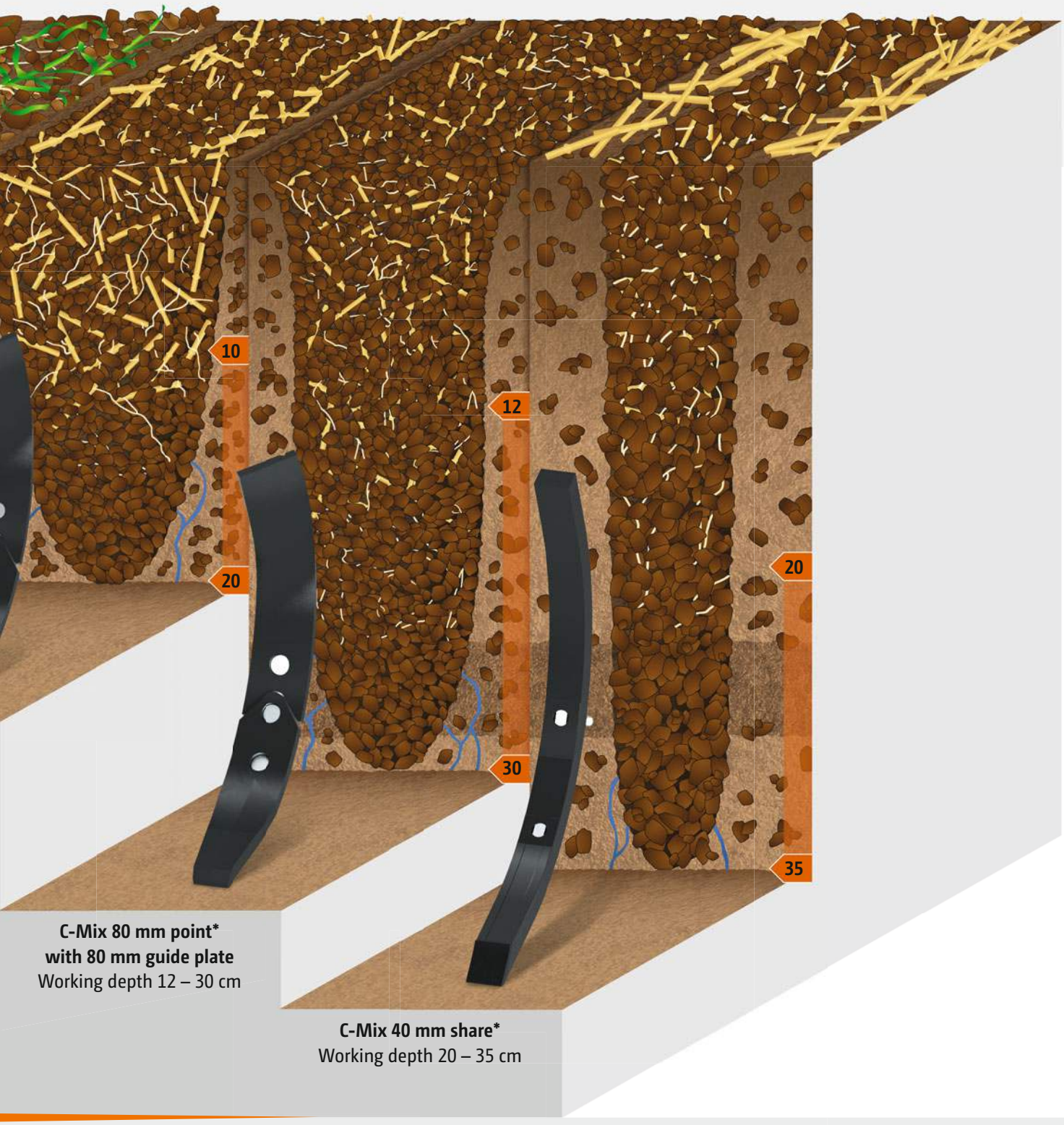
C-Mix share system



C-Mix 320 mm
duck foot share point*
Working depth 3 – 10 cm

C-Mix 360 mm
wing share
Working depth 5 – 15 cm

C-Mix 100 mm point
with 100 mm guide plate
Working depth 10 – 20 cm



C-Mix 80 mm point*
with 80 mm guide plate
Working depth 12 – 30 cm

C-Mix 40 mm share*
Working depth 20 – 35 cm

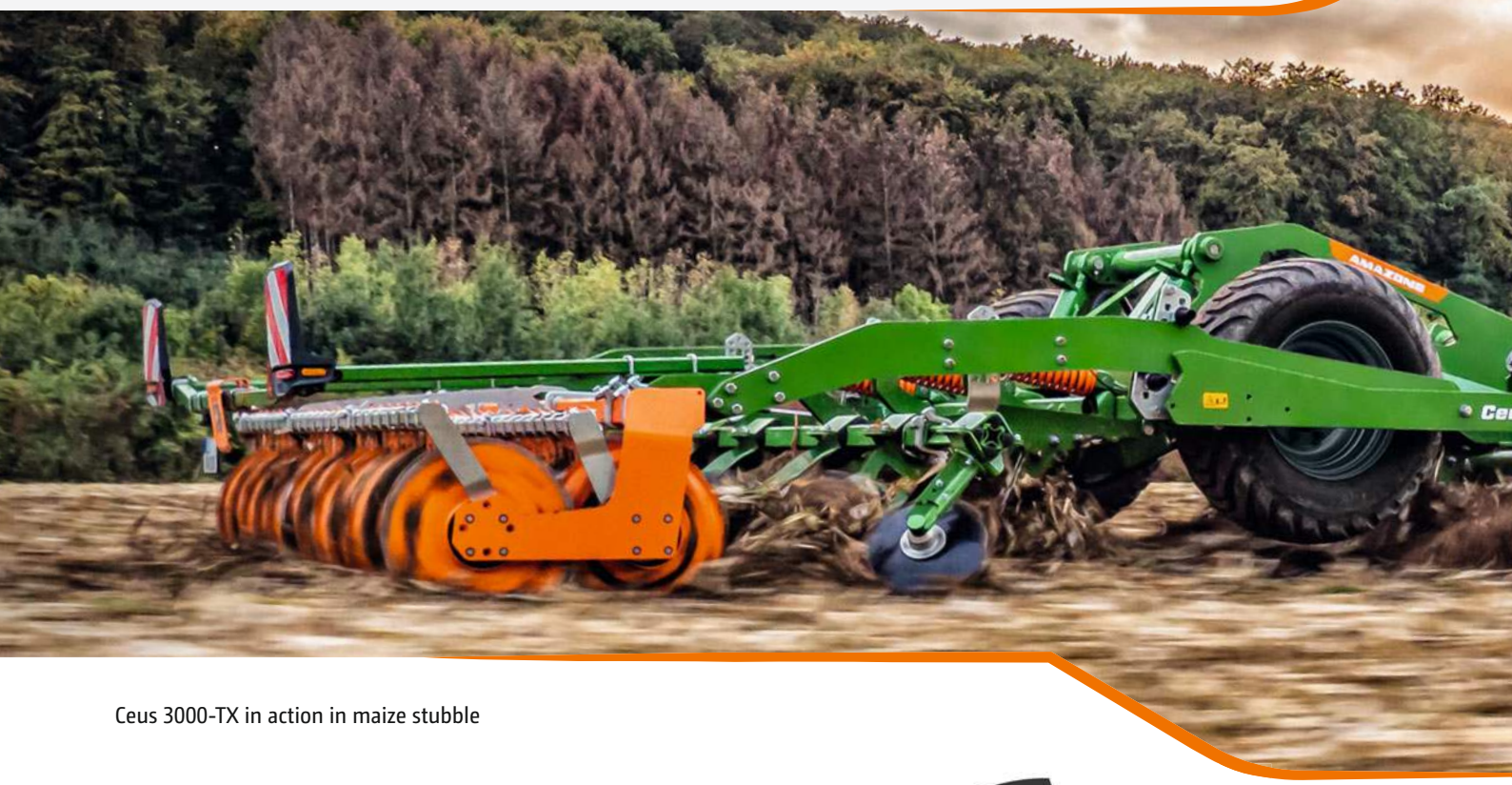
*also available in a HD pro variant

The working depths are just a guide and depend on the soil conditions

Original HD Pro

Tailored levelling!

Levelling discs for optimum reconsolidation conditions



Ceus 3000-TX in action in maize stubble

Levelling and crumbling

A level finish and uniform reconsolidation are crucial for reliable sowing. This is why an additional row of levelling discs is mounted behind the tine rows. To ensure a clean matching to the next bout, the height and angle of the side discs are adjustable.

Levelling disc 460 mm

Levelling discs

For use in medium to heavy soils, levelling discs behind the tines are recommended. The serrated levelling discs with a diameter of 460 mm level and grade the soil surface. They offer a reliable self-driving effect, even with large quantities of straw.

The benefits:

- The mixing effect is kept down
- Levels/grades
- Excellent self-driving effect
- Suitable for light to heavy ground

Reliable disc bearings

The individual concave discs are carried on sprung rubber buffer blocks, the same as the Catros discs and thus feature a maintenance-free overload protection. The bearings of the discs are extremely durable and maintenance-free – and have proven themselves millions of times over.

The benefits:

- Same mounting as in the Catros disc
- Proven millions of times over
- Extremely robust and maintenance-free

The end discs – individually adjustable in height and angle

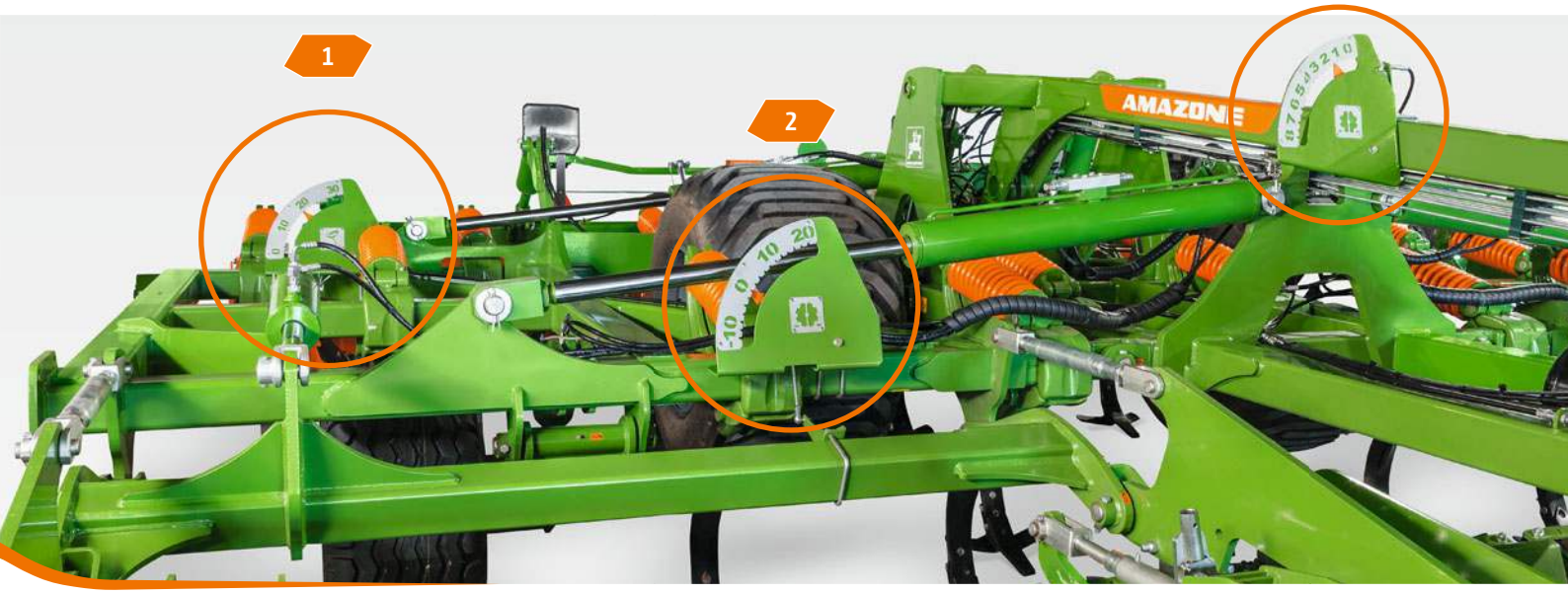
Working depth adjustment

Clear and precise!

Comfortable working depth adjustment

For the Ceus-TX and Ceus-2TX models, there are various different options for working depth adjustment.

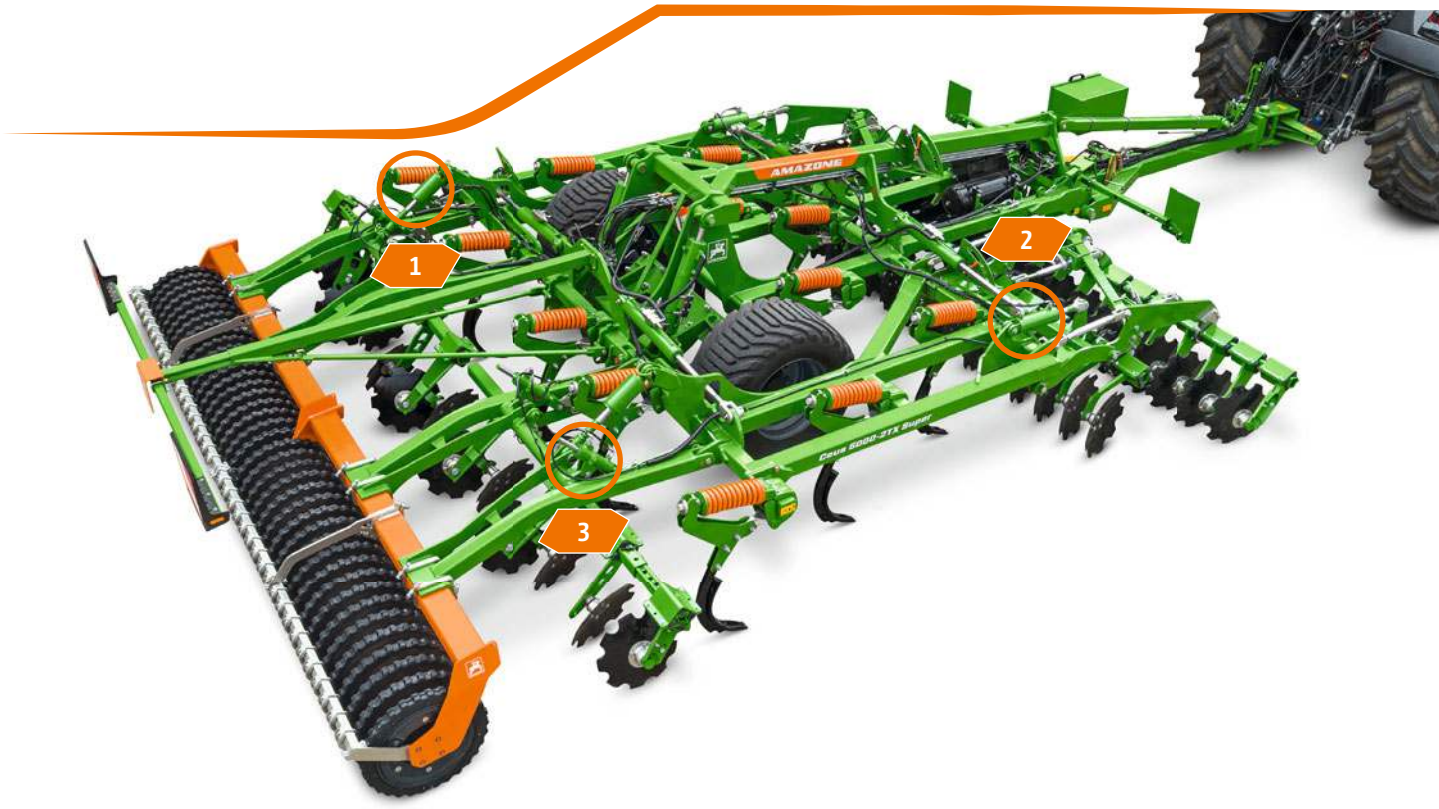
Ceus-TX (rigid) in working widths of 3 m and 4 m:
1. Manual levelling adjustment
2. Standard manual working depth adjustment of the tine element via an eccentric pin
3. Standard hydraulic working depth adjustment of the disc element



Ceus-2TX in working widths from 4 m to 7 m:

1. Optional manual or hydraulic adjustment of the tine element
2. Optional manual or hydraulic working depth adjustment of the disc element
3. Optional manual or hydraulic adjustment of the levelling unit

Hydraulic adjustment of the levelling unit



The roller range – reconsolidation and depth control

Various packer rollers for reconsolidation of the soil are available from AMAZONE. The right roller for every farm!

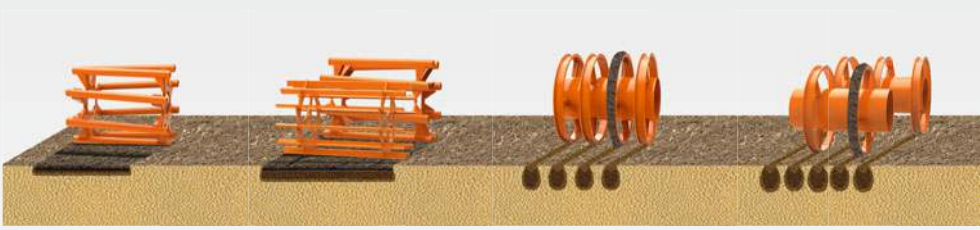



	Description, diameter	Cage roller SW 600 mm	Tandem roller TW 520/380 mm	U-profile roller UW 580 mm	Double U-profile roller DUW 580 mm
	Suitability	– ○ + ++	– ○ + ++	– ○ + ++	– ○ + ++
Soil suitability	Light, sticky soils (peat)				
	Light soil (Sand)				
	Medium soils				
	Heavy soils				
	Heavy soils (clay)				
Working quality	Crumbling				
	Reconsolidation				
	Self-driving ability (less slip)				
	Carrying capacity				
	Insensitive to stones				
	Insensitive to sticky soils				
	Little tendency to block				
Weight/m working width		114 kg	160 kg	125 kg	185 kg
Rear harrow		optional	–	optional	optional

More options

Sprung cleaning system

– less suited
○ suited
+ well suited
++ very well suited



Roller bearings

Standard roller bearing

All packer rollers on AMAZONE soil tillage machines are equipped with maintenance-free bearings. The bolt-on bearing shafts keep repair work to a minimum in the case of bearing damage. All rigid machines are fitted with standard bearings as a base specification.

HD roller bearings

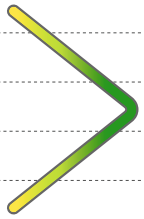
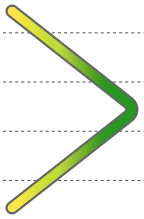
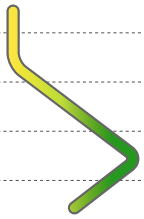
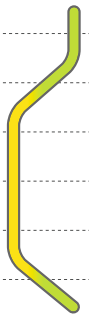
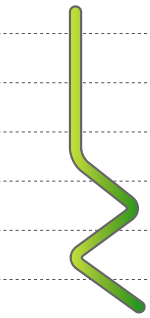
HD roller bearing

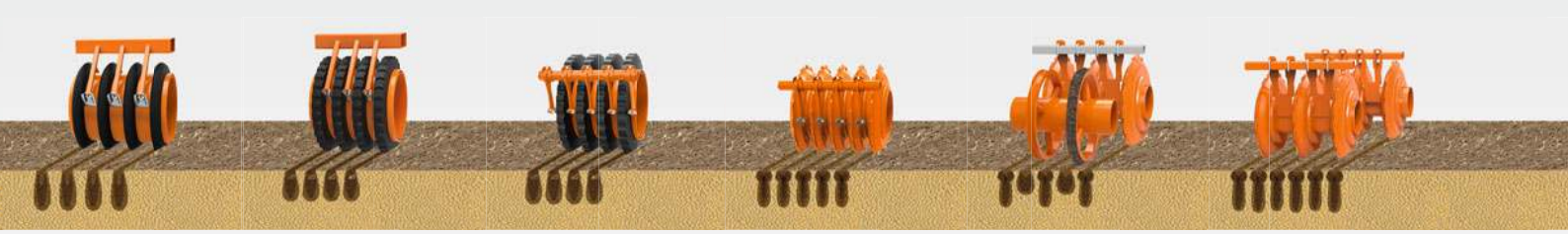
The HD roller bearing can be selected as an option for the TX models.

- Extreme service life thanks to the metallic face seal
- Completely maintenance-free with life-long lubrication thanks to the gear oil filling
- Robust and hard-wearing due to the use of a spherical roller bearing instead of a ball bearing
- Ideal for high forward speeds and stony conditions






Wedge ring roller KW 580 mm	Wedge ring roller with matrix tyre profile KWM 600 mm	Wedge ring roller with matrix tyre profile KWM 650 mm	Disc roller DW 600 mm	Double disc U-profile roller DDU 600 mm	Double disc roller DDW 600 mm
– ○ + ++	– ○ + ++	– ○ + ++	– ○ + ++	– ○ + ++	– ○ + ++
					
					
175 kg	178 kg	205 kg	219 kg	255 kg	270 kg
optional	optional	optional	optional	optional	–



Combining the rear roller with a harrow

The perfect supplement to seedbed preparation

For seedbed preparation, the Ceus can also be equipped with a harrow for many of the rollers. The following harrow creates a very fine-crumbled soil surface structure and thus the perfect germination conditions for the following crops. An additional advantage when using the harrow is the optimised straw distribution.

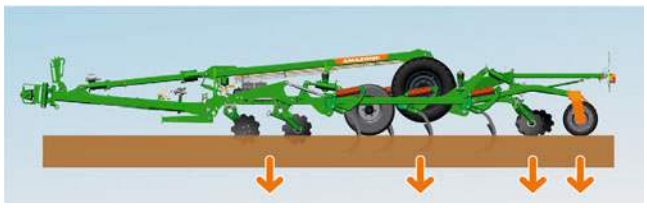
Harrow system for KWM & DW rear rollers

Harrow system for TW & DUW rear rollers

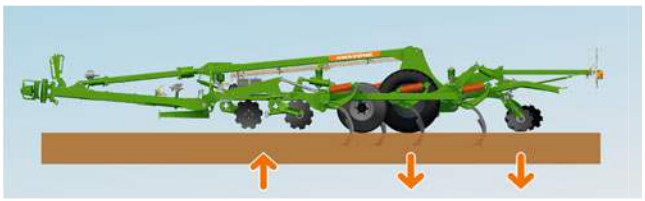
Sprung cleaning system for UW rear rollers

Working without a roller in wet conditions

Under very wet conditions, the Ceus-2TX product types can be also operated without a rear roller. Depth control is then achieved via the running gear, which maintains the set depth using conveniently positioned swivel spacer elements on the piston rod of the axle cylinder.



Depth control of the Ceus-2TX via the rear rollers



Depth control of the Ceus-2TX without a roller via the running gear

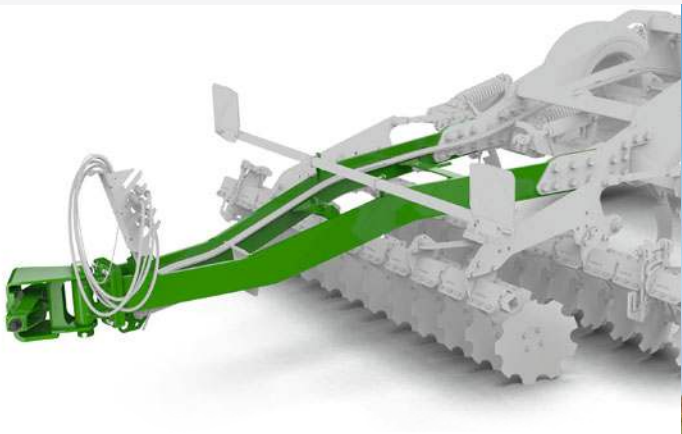
Drawbar and mounting

Always ready for action

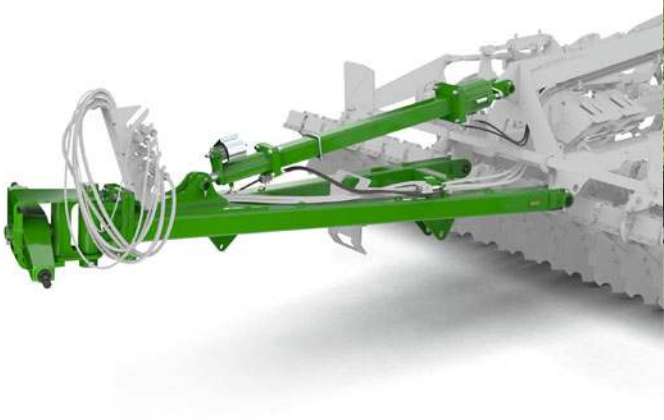
Sturdy drawbar

The narrow drawbar of the Ceus offers a very tight turning radius both in the field and on the road. Ceus-TX models with a rigid frame always have a rigid drawbar. The implement is lifted at the headland using the tractor's lower links and the hydraulic chassis.

The Ceus-2TX can also be equipped with a rigid drawbar or, optionally, with a hydraulic tie bar. The hydraulic tie bar ensures comfortable lifting and lowering when turning with the implement. In contrast to the rigid drawbar, operation here is carried out solely via a hydraulic spool valve. The drawbar cylinder is connected to the running gear cylinders. The lower links on the tractor do not need to be operated.



Drawbar of the Ceus 3000-TX



A wide range of linkage systems for every tractor

Comprehensive and suitable mounting and drawbar options for the Ceus are available for every tractor. The flange plate allows the easy and quick mounting of any of the linkage options. Furthermore, the linkage category can be quickly changed on the lower link cross shaft. Only the linkage pins are interchanged for this purpose. As a result, the appropriate linkage can be selected for any tractor, no matter whether Cat. 3, 3N, 4 or 4N lower link cross shafts, various towing eyes or the K80 ball coupling are used.

Lower linkage Cat. 4N

Lower linkage Cat. 3

Towing eye D=46

Towing eye D=79

Ball point coupling M20/K80

The running gear

Compact on the headland – Comfortable on the road

Ceus-TX during road transport

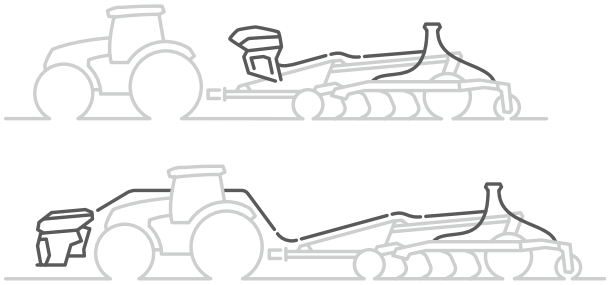
Integrated running gear for high manoeuvrability

Thanks to its oversized wheels, the integrated TX centre running gear ensures minimal surface pressure on the field. The compact design and the central positioning of the running gear mean that tight turning on the headland, in collaboration with the drawbar, is not a problem. The optimum weight distribution also provides comfortable road transport at speeds of up to 40 km/h.

Ceus-2TX during road transport

Universal conveying systems – the choice is yours!

Combine the trailed soil tillage range with an optimum seeding system ...



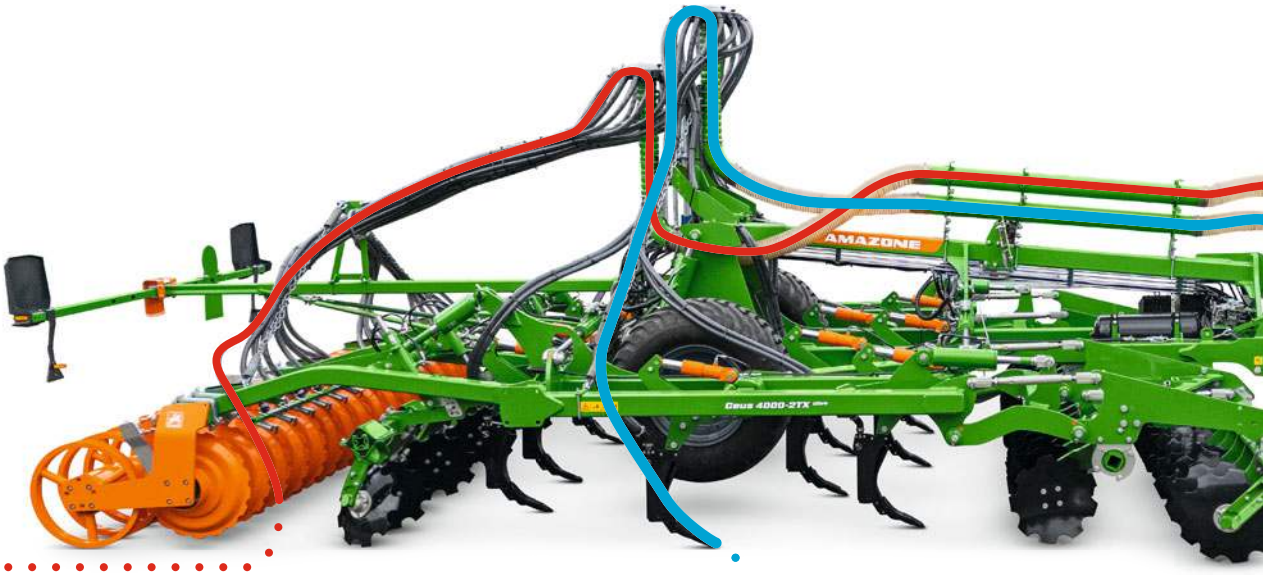
Model	Hopper capacity (l)
Rear-mounted seeder box	
GreenDrill 501	500
Mounted front hopper	
FTender 1600	1,600
FTender 2200	2,200

Advantages of conveying systems with a segmented distributor head

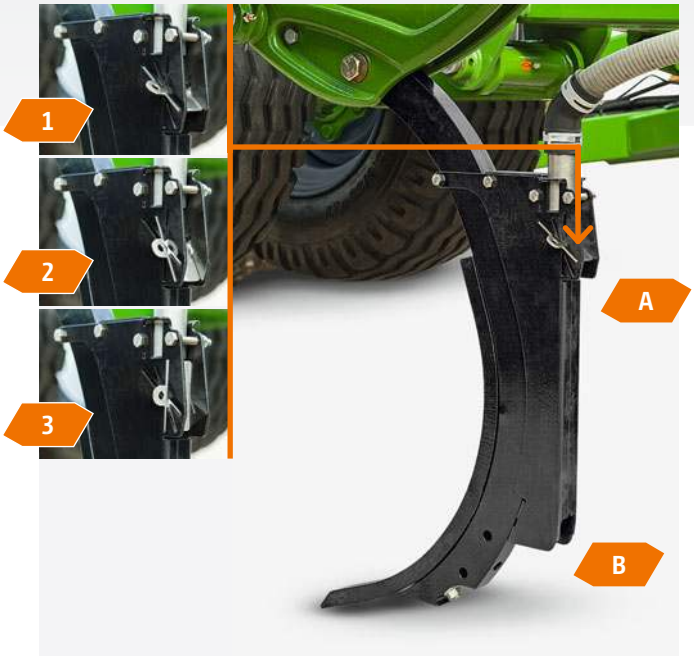
- Optimum lateral distribution across the entire working width
- Combination of the different sowing systems
- High application rates possible
- Variable with 12 to 48 outlets
- Part-area, site-specific sowing

... it makes no difference whether it's the GreenDrill or FTender

The universal conveying system enables you to combine the Ceus with various different sowing systems. The GreenDrill 501, with its 500 l hopper capacity, can be used in exactly the same way as the front or rear tanks with their respective capacities of 1,600 to 2,200 l. In addition to sowing catch crops, other seeds or even mineral fertilisers and micro-granules can be applied.



Fertiliser application tines with adjustable outlet for shallow or deep application

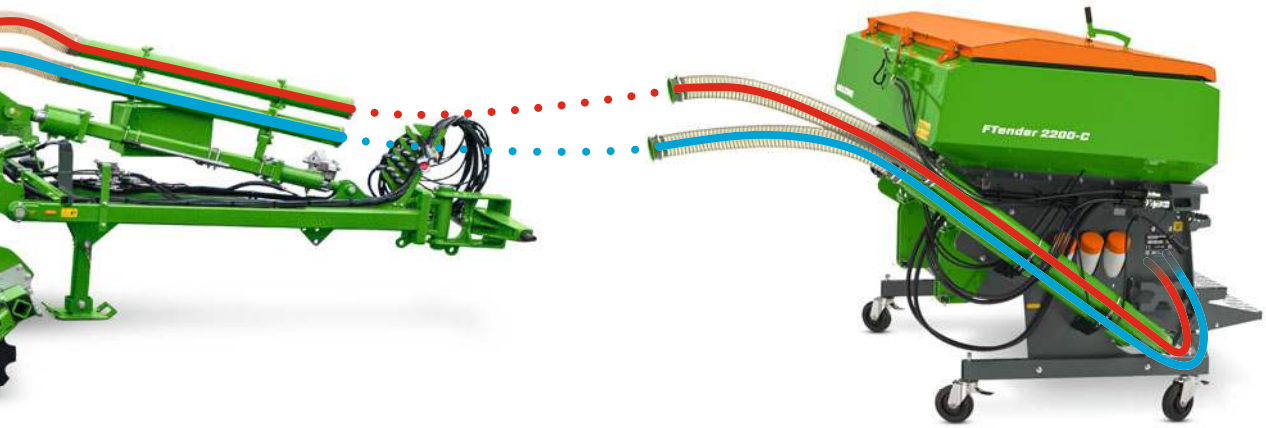


Fertiliser application tines with 40 mm wide C-Mix coulter for applying seed or fertiliser directly into the loosened soil, with outlet position setting 1) 100% on top with outlet A, with outlet setting 2) 50% on top with outlet A and 50% underneath at outlet B, and with outlet setting 3) 100% underneath with outlet B.

Seed baffle plates for broadcasting on the surface in front of the roller

Advantages of the fertiliser application tine

- By targeted placement of the fertiliser in the root area of the plants, the nutrients are available exactly where they are needed.
- Root attraction into deeper soil layers can improve the water supply to the main crop, especially in dry years.
- High nutrient efficiency for better early plant development through faster and better availability.
- Reduction in fertiliser rates possible thanks to lower surface losses due to reduced breakdown or leaching.
- Reduction in the number of passes required for fertiliser application and incorporation, since everything is done in a single step.



With ISOBUS technology

GreenDrill

Rear-mounted seeder box for fine seeds and catch crops

Catch crop sowing and soil tillage in one pass

AMAZONE offers the GreenDrill 501 rear-mounted hopper, which has a hopper capacity of 500 l and can be safely accessed via steps, so that catch crops can be sown directly or during soil tillage.

GreenDrill 501: for all trailed implements with 500 l hopper capacity and hydraulic blower fan

The benefits

- Applying catch crops and fine seeds directly in combination with a soil tillage tool
- High application rates are also possible as a result of different metering rollers
- Even distribution via baffle plates
- Safe and convenient access via steps
- Precise metering with excellent lateral distribution
- Comfortable machine control via ISOBUS (GD 501) possible, thereby enabling part-area, site-specific processing of application maps

GreenDrill 501

FTender

Mounted front hopper for high performance

FTender

AMAZONE offers a universal front-mounted hopper for versatile use in combination with seed drills and soil tillage equipment in the shape of the FTender with a capacity of 1,600 or 2,200 l.

Thanks to their complete ISOBUS integration, the hoppers can be operated via the ISOBUS operator terminal. The application rate can even be provided via an application map on a part-area, site-specific basis as well as being used in combination with GPS-Switch (SectionControl).

Convenient operation via the ISOBUS terminal

Easy exchange of the metering rollers

Ceus-TX

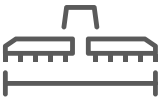
Ceus 3000-TX and 4000-TX

Ceus 3000-TX Super

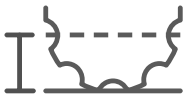
AMAZONE offers the Ceus-TX, in a rigid execution also for smaller farms with tractors from 150 hp. The Ceus 3000-TX and Ceus 4000-TX models are equipped with central running gear. They impress with an excellent quality of work and high manoeuvrability as a result of the narrow working width and the centrally-located TX running gear.

The benefits:

- Hydraulic working depth adjustment of the disc element
- Simple manual working depth adjustment of the tine element via an eccentric pin
- Flexible use, from cultivating stubbles to basic soil preparation
- The right roller for every soil type



3 or 4 m



5 to 14 cm

5 to 35 cm

Up to 15 km/h

Ceus 4000-TX Super

Thanks to the parking jack, the implement can be safely parked on the transport wheels without bottoming out the disc or tine elements.

After road transport, the end discs of the levelling unit are manually extended and fixed in place for field use – easily and in a matter of seconds.

Ceus 2TX

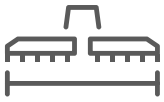
Ceus 4000-2TX, 5000-2TX, 6000-2TX and 7000-2TX

Ceus 6000-2TX Super

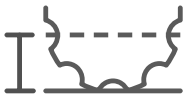
The Ceus-2TX, in working widths from 4 m to 7 m, is designed for farms with large acreages and short application windows. The Ceus offers maximum performance under all conditions thanks to the combination of the disc and tine elements. Depending on the working width, the Ceus-2TX requires tractors of 200 hp or more. The folding frame also means that the Ceus-2TX can be transported comfortably and quickly on the road.

The benefits:

- Optional hydraulic working depth adjustment of the disc element
- Optional hydraulic working depth adjustment of the tine element
- Exact depth control via drawbar and following roller plus the additional support wheels at working widths from 6 m
- The right roller for every soil type



4 to 7 m

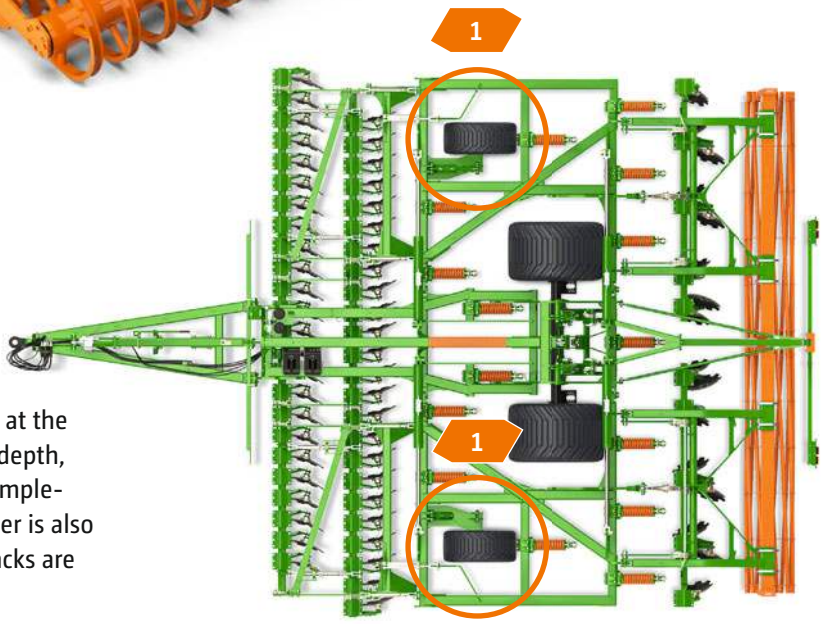


5 to 14 cm

5 to 35 cm

Up to 15 km/h

Ceus 5000-2TX Super



1. Inner support wheels

Smooth running

To ensure that the implement runs smoothly, even at the larger working widths, and operates at a constant depth, additional support wheels are integrated into the implement, from a working width of 6 m. A track loosener is also mounted behind each wheel, so that the wheel tracks are loosened again.

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 there is a short time period for optimum soil tillage. 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.

Effective soil tillage 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

myAMAZONE

for more performance

Register now
www.amazone.net/myamazone

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:

Ceus-TX and Ceus-2TX

Ceus-2TX trailed disc & tine combination cultivator		Ceus 3000-TX	Ceus 4000-TX	Ceus 4000-2TX	Ceus 5000-2TX	Ceus 6000-2TX	Ceus 7000-2TX
Working width (m)		3.00	4.00	4.00	5.00	6.00	7.00
Linkage		Lower linkage		Lower link hitch, ball point coupling or towing eye			
Execution		rigid		folding			
Operational speed (km/h)		8–15		8–15			
Power requirement from/to (hp)		50–80		50–80			
Disc diameter/ thickness (mm)		510/5		510/5			
Disc spacing (mm)		250		250			
Tine spacing: discs (mm)		125		125			
No. of discs		24	32	32	40	48	56
Angle of attack		17 degrees at the front 14 degrees at the rear		17 degrees at the front 14 degrees at the rear			
Working depth: disc element (cm)		5–14		5–14			
Tine spacing: tine element (cm)		42.80	44.40	40.00	41.60	40.00	41.20
Working depth: tine element (cm)		5–35[4]		5–35[4]			
No. of tines		7	9	10	12	15	17
Number of tine rows		2		3			
Tine execution	Super	Super		C-Mix Super tines with pressure spring overload protection			
	Ultra	–		C-Mix Ultra tines with hydraulic overload protection			
Transport length with road lights (m)		8.40		9.80			
Transport width (m)		3.00	4.00	2.95			
Transport height (m)		1.99		2.80	3.30	3.70	4.00
Weight without roller (kg)		4,431	4,929	6,880	7,050	8,970	9,140
Weight (kg) (Base machine, simplest execution, KW580)		4,785	5,380	7,560	7,890	9,950	10,260
Permitted support load (kg)		900	1,000	1,500	1,500	1,900	1,900
No. of d/a tractor spool valves		2		2, 3[1], 4[2], 5[3]			
Frame height (cm)		80		80			

[1] with hydraulic depth adjustment
[2] with hydraulic adjustment of the levelling unit
[3] With with hydraulic adjustment of the disc element
[4] 35 cm working depth only with 40 mm C-Mix coulter

Technical data:

FTender mounted front hopper

FTender mounted front hopper	FTender 1600	FTender 1600 with front tyre packer	FTender 2200	FTender 2200 with front tyre packer	FTender 2200-C
Hopper capacity (l)	1,600		2,200		
No. of metering units	1				2
No. of spool valves required	1 single-acting (front) with pressure-free return				
Oil flow from (l/min)	28				
Attachment to tractor	Cat. 3/4N three-point linkage				
Permissible total weight (kg)	3,421	3,421	4,118	4,118	4,203
Overall width (mm)	2,504	2,504	2,504	2,504	
Filling height (mm)	1,402	1,581*/1,737	1,582	1,762*/1,917	
Overall length (mm)	1,698	2,093	1,698	2,093	
Unladen weight (kg)	526	1,111	661	1,246	783

*Packer in transport/working position

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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AMAZONEN-WERKE H. DREYER SE & Co. KG
P. O. Box 51 · 49202 Hasbergen-Gaste/Germany
Phone +49 (0)5405 501-0 · Fax +49 (0)5405 501-193

MI10539 (en_II) 11.25 Printed in Germany www.amazone.net E-Mail: amazone@amazone.net