AMAZONE

Trailed disc & tine combination cultivator **Ceus**

Ceus – All in one machine!

Ceus 7000-2TX Super combined with the XTender 4200 rear hopper for cover crop sowing or fertilization

The Ceus trailed disc & tine combination cultivator is available in working widths from 10 ft to 23 ft (3 m to 7 m), ideal to loosen soils at various depths while incorporating a large amount of organic matter at the shallowest possible depth. The Ceus combines a high speed disc followed by tines to offer the advantages of both disc harrows and cultivators in a single compact machine. The Ceus is recommended for stubble cultivation, but can also be used for primary soil tillage, deep loosening and seedbed preparation.

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Want to learn more about how to operate the machine? Scan the QR code to go to our SmartLearning App:

www.amazone.net/smartlearning

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

10 to 23 ft (3 to 7 m)

2 to 5.5 in (5 to 14 cm)

2 to 14 in (5 to 35 cm)

Up to 9.5 mph (15 km/h)

The benefits at a glance:

- Shallow soil tillage with intensive mixing and deep loosening in a single pass
- Intensive mixing of the soil and reliable depth control combined with low fuel consumption
- Optional solo operation with only the disc implement or with only the tine implement ensures maximum flexibility for soil tillage
- Disc implement with maintenance-free disc bearings, elastic sprung rubber buffer blocks for safe stone release and individual disc suspension
- Excellent work quality even under the toughest conditions, made possible by the high release forces of the overload protection system on the C-Mix Super and C-Mix Ultra tines
- High maneuverability on headlands and excellent road driving characteristics, thanks to the oversized center running gear

MORE INFORMATION

www.amazone.net/ceus

PRODUCT FILM
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The Ceus system

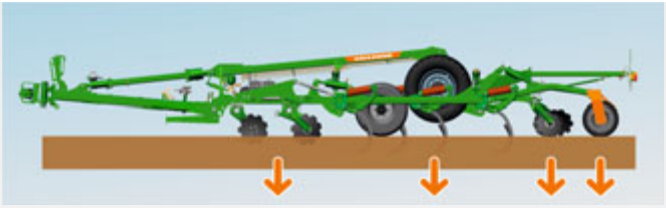
Mixing on the surface, loosening at depth

Ceus 3000-TX in work

Multiple tillage processes in a single pass

With the trailed disc and tine combination cultivator, several processes can be carried out in a single pass. So, the front disc segment with serrated 20 in (510 mm) discs enables shallow cultivation at working depths of 2 to 5.5 in (5 to 14 cm).

The C-Mix tine implement then loosens the soil to a depth of up to 14 in (35 cm). At the same time, the downward pressure of the tine implement increases the cutting effect of the front disc implement during tillage.



Ceus with disc and tine implements in their working position

The Ceus system compared to a cultivator

The Ceus has been designed as a universal machine for soil tillage. The principle behind the Ceus differs from that of an ordinary cultivator. In an initial comparison of the two implements, the intensive mixing capability of the Ceus stands out first and foremost. The front disc implement is essential in material distribution and incorporation, especially in fields with a large amount of organic material. The low pulling power required by the wider spacing of the tines in the Ceus system is also sure to impress when loosening at certain depths. The front disc implement ensures larger tine spacing without having to compromise mixing performance.

The front disc implement

- Thoroughly shreds and mixes organic matter
- Promotes decomposition
- If only deep loosening is required, the disc implement can be lifted out of the soil, even at the maximum working depth of the tine implement

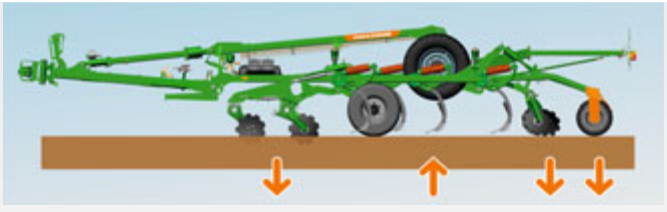
The tine implement

- The rear tine implement loosens deep soil layers down to 14 in (35 cm)
- The working depth can be adjusted for shallow penetration of the tines just below the disc implement
- Work can also be carried out without the tine implement for shallow surface soil movement

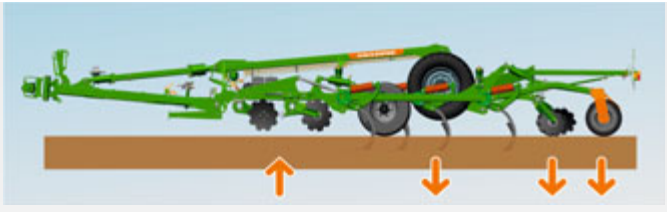
A combination that makes a difference

- The combination of the disc and tine implements provides extremely reliable and economical soil tillage when time is short
- Complete and thorough working of the soil by combining the disc and tine implements

- "On the other hand, the Ceus manages with less pulling power for deep soil cultivation."
  ("top agrar" - System comparison "Everything with one machine?" - 06/2021)



Working with the disc implement alone



Working with the tine implement alone

Ceus-TX

For the perfect mix

Ceus 3000-TX cultivating stubbles

The Ceus-TX by AMAZONE is a rigid machine for smaller farms with tractors starting at 150 hp. The Ceus 3000-TX and Ceus 4000-TX models are equipped with a central running gear. They are sure to impress, given the excellent quality of work and high maneuverability provided by their narrow working width and the centrally-located TX running gear.

Model	Working width
Ceus 3000-TX	10 ft (3.0 m)
Ceus 4000-TX	13 ft (4.0 m)

Overview of the Ceus-TX:

- Hydraulic working depth adjustment of the disc implement
- Manual working depth adjustment of the tine implement via eccentric pins
- Depth control is provided via the roller and lower link cross shaft
- The right roller for any type of soil

Ceus-2TX

Folding design for high output and fast transportation

The Ceus-2TX can be used in working widths from 13 ft to 23 ft (4 m to 7 m), and is designed for farms with large acreages but short application windows. The Ceus offers maximum performance under all conditions thanks to the combination of the disc and tine implements.
Depending on the working width, the Ceus-2TX requires 200 hp tractors or more. Due to its narrow transport width, the Ceus can be driven comfortably and quickly on the road.

Model	Working width
Ceus 4000-2TX	13 ft (4.0 m)
Ceus 5000-2TX	16.5 ft (5.0 m)
Ceus 6000-2TX	20 ft (6.0 m)
Ceus 7000-2TX	23 ft (7.0 m)

Overview of the Ceus-2TX:

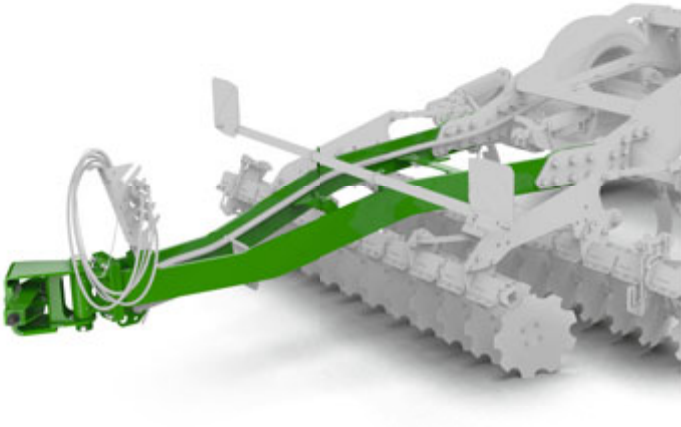
- Hydraulic working depth adjustment of the disc implement
- Optional hydraulic working depth adjustment of the tine implement
- Exact depth control is achieved by the drawbar, the rear roller and the additional support wheels at working widths from 20 ft (6 m)
- The right roller for any type of soil

Drawbar and mounting

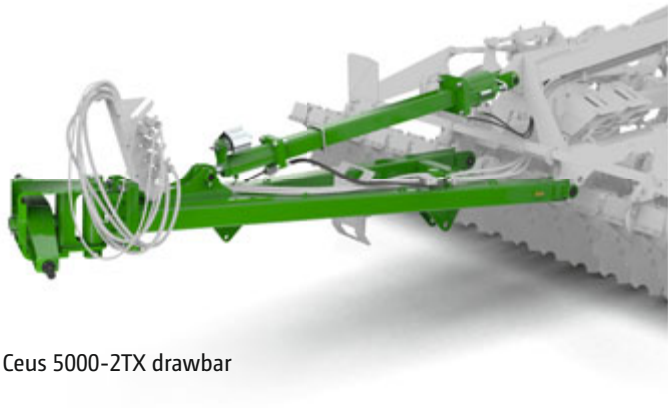
Ready for work at any time

Sturdy drawbar

The narrow drawbar of the Ceus provides a very tight turning radius both in the field and on the road. Thanks to its drawbar, which is free to move when mounted for work, the Ceus follows field contours precisely, even in difficult terrain. The Ceus-2TX is equipped with a drawbar fitted with a hydraulic top tie bar. This ensures that the machine can be easily lifted and lowered. The drawbar of the rigid Ceus-TX is also narrow but, unlike the Ceus-2TX, it does not have a hydraulic top tie bar. This is not required, given that depth control is mechanical.



Ceus 3000-TX drawbar



Ceus 5000-2TX drawbar

A wide range of hitching systems for any type of tractor

Comprehensive and suitable mounting and drawbar options are available for all tractors. The flange plate makes it easy to rearrange the hitch pins quickly when needed.
The hitching category can also be quickly changed on the lower link cross shaft.

All the user needs to do is utilize different hitch pins.
As a result, the appropriate hitching requirements can be selected for any tractor, no matter what Cat. type 3N, 3,
4 or 4N lower link cross shafts, various towing eyes or the K80 ball coupling are used.

The chassis

Compact on the headland – Comfortable on the road

Ceus-TX during road transportation

Integrated running gear for high maneuverability

Thanks to its oversized wheels, the integrated TX central running gear ensures minimal surface pressure on the field. The compact design and the central positioning of the running gear mean trouble-free tight turning on the headland. The optimum weight distribution also provides comfortable road driving at speeds of up to 25 mph (40 km/h).

Ceus-2TX during road transportation

Adjusting the working depth

Easy and precise!

Ceus 5000-2TX Ultra cultivating stubble

Comfortable working depth adjustment

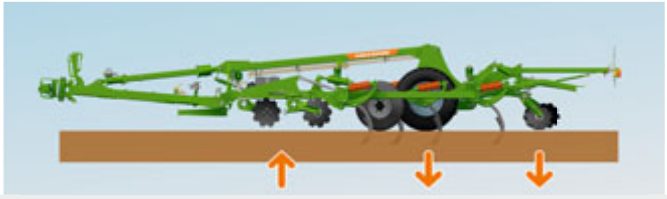
The working depth of the front disc implement in the Ceus-TX and Ceus-2TX uses hydraulics for easy adjustment. The Ceus-2TX tine implement and leveling unit can also be equipped with hydraulic working depth adjustment.
The tine implement can also be adjusted by hydraulics when a roller is not being used. Alternatively, the tine implement, and the leveling unit can be mechanically adjusted via spindles. The working depth of the tine implement is only adjusted mechanically in the rigid Ceus-TX.

Working depth displays of the three tool implements all in one view

Working without a roller

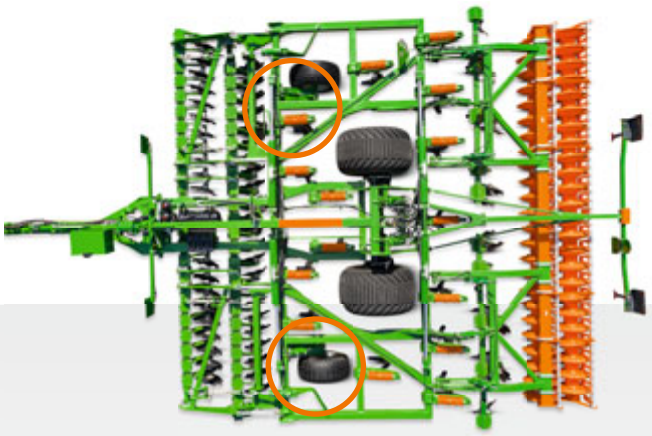
If needed, the Ceus-2TX can also be operated without rollers in very wet conditions. In this case, rear guiding is not provided by the rollers but by the running gear. Each wheel track is immediately loosened again by the tines following behind the wheels of the running gear.

Spacers on the piston rod of the running gear lift cylinder can be easily swiveled in to hold the running gear at the desired working depth.



Smooth running

To ensure that the machine runs smoothly and at a constant depth, even at larger working widths, the system is provided with additional pressurized support wheels at a working width of 20 ft (6 m). A tine is also mounted behind each wheel, so the wheel tracks are always loosened.



The disc implement

Plug-free operation, no matter how much residue

The front disc implement – perfect shredding and mixing

The front discs distribute the organic matter after thoroughly shredding and mixing the crop residue on the soil surface. At the same time, a finely crumbled texture develops within that topsoil layer. This not only creates optimum conditions for decomposing, but also excellent conditions for seed germination and surfacing. The working depth of the disc implement is adjusted via a parallelogram hitch configuration that is used to change contact intensity by turning the disc implement.

Perfect – individually suspended discs

Each individual disc is suspended from the frame on elastic sprung rubber buffer blocks across all models. This offers a huge advantage over machines with a rigid disc suspension, since each concave disc can individually follow the contours of the soil. In particular, this means that wheel tracks are not simply filled in, but worked intensively.
This makes for consistent shallow tillage, even if the soil surface is uneven. At the same time, individual disc suspension increases throughput by allowing large amounts of organic matter to pass through optimally, which is a huge advantage over machines where the discs are mounted in pairs.

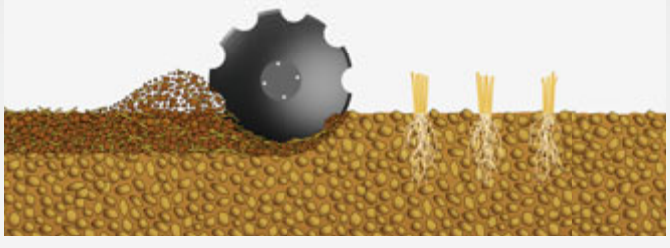
Catros^{+} discs – for more thorough mixing

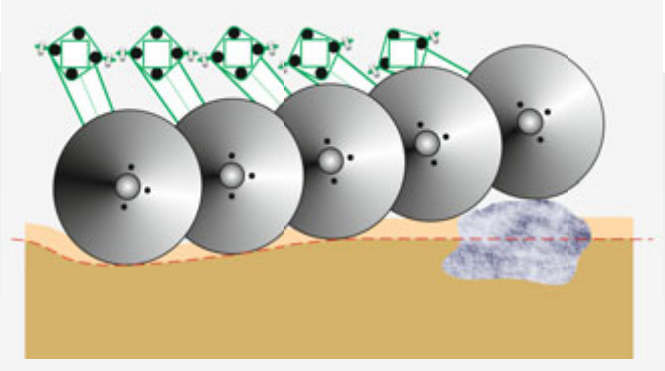
What sets the serrated, 20 in (510 mm) diameter Catros^{+} discs apart is their ability to break up even the toughest soil and achieve more consistent penetration - even under difficult conditions. The optimum operational range of these discs encompasses stubble tillage, seedbed preparation, and the incorporation of cover crop residues.

Reliable and absolutely maintenance-free!

The disc suspension mechanism includes elastic sprung rubber buffer blocks that ensure optimum contour movement while also acting as overload safety protection for each disc. The large rubber buffers are maintenance-free and feature considerable spring deflection to keep worries to a minimum even when working in stony fields.

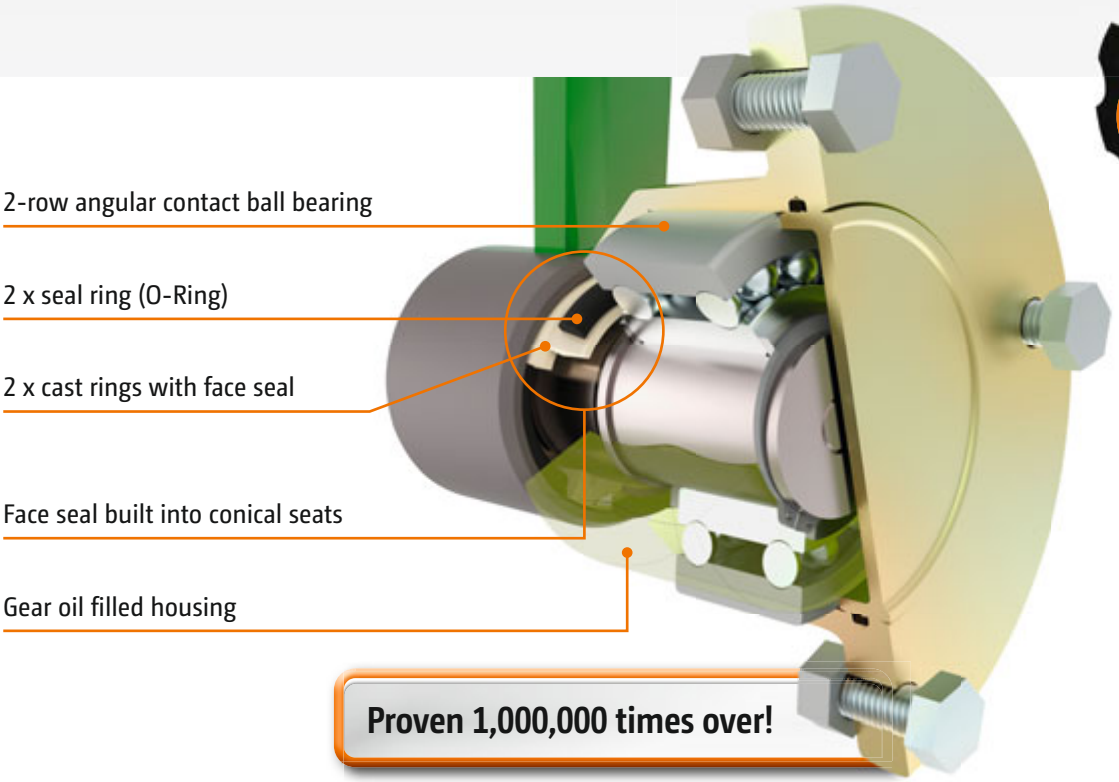
Catros^{+} 20 in (510 mm)
(coarse serrated)





Disc Bearing

Reliability and comfort are the key



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

With no need to grease the disc bearings, overall maintenance time is greatly reduced. Face seals have been used in road construction for decades. Equipment where rollers on the running gear of tracked vehicles have to be effectively sealed and work with complete reliability under the toughest of operational conditions.

The benefits

- Maintenance-free disc bearings with face seals and lifelong lubrication
- Maintenance-free overload protection offered by rubber spring elements
- Individual disc suspension for optimized contour following and excellent throughput

The tines

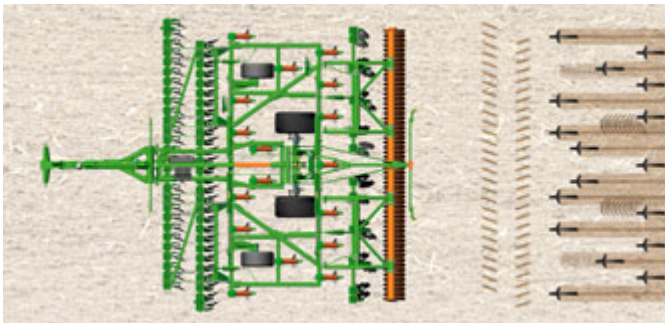
Super or Ultra – tine systems for any soil type

Ceus 5000-2TX Ultra with C-Mix Ultra tines

The tine implement for deep soil loosening

The rear tine implement can loosen deep soil layers down to 14 in (35 cm). However, it is also possible to work more shallow, so that the points run just below the working depth of the disc harrow in wet and heavy conditions. This loosens the surface, generating a rougher soil structure and significantly reducing the risk of crusting on these types of soil.

The AMAZONE C-Mix Point system is available for use on the tine implement. With a tine spacing of approx. 15.75 in (40 cm), the Ceus proves to be particularly easy to pull while allowing passage of large amounts of organic matter, even when working at full depth. The tine implement can be lifted and work carried out with just the front disc implement if only shallow stubble cultivation is required.



A tine behind each wheel loosens the wheel track

Video of Ceus 6000-2TX in use:
www.amazone.net/yt-ceus-ultra

C-Mix Super tines with pressure spring overload protection

The benefits:
- Ensures smooth operation in overload conditions
- Protects the frame against extreme high forces
- Automatically resets after triggering – high forces ensure a reliable reset
- Trigger force of 1300 lb (600 kg) for high operational reliability

C-Mix Ultra tines with hydraulic overload protection

The benefits:
- Ensures smooth operation in constant triggering conditions
- Protects the frame against high forces
- Hydraulic cylinder damping when it is reset after triggering, resulting in less wear in multiple trip conditions
- Adjustable trip force from 1300 to 1800 lb (600 to 800 kg) to adapt to working conditions as needed

The Points

The heart of any cultivator

C-Mix point 1.5 in (40 mm)

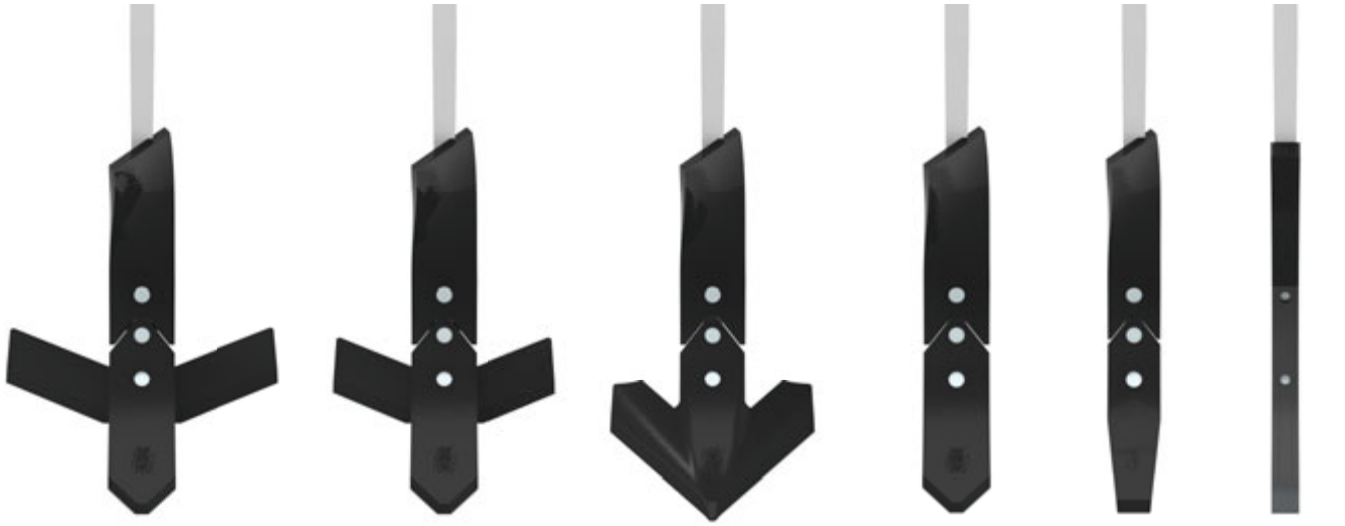
C-Mix Point system

The main purpose of separating the guide plate from the point is to reduce metal wear costs. Soil type, location and moisture will determine when the 3 to 5 points become worn and the guide plate has to be replaced. The new guide plates on the C-Mix point system are manufactured with a spiral design that, combined with its optimum radius, ensures perfect deflection of the soil flow, excellent mixing intensity and a lower power requirement. The proven C-Mix point system by AMAZONE can be used with a wide range of points for any application.

C-Mix point system

The right type of point for every field of application

*also available in a HD variant



C-Mix wing point 17 in (430 mm)*

C-Mix wing point 14 in (350 mm)*

C-Mix duck foot point 12.5 in (320 mm)

C-Mix point 4 in (100 mm) with guide plate 4 in (100 mm)

C-Mix point 3 in (80 mm)* with guide plate 3 in (80 mm)

C-Mix point 1.5 in (40 mm)*

Everything in one place

AMAZONE offers an extensive selection of points for the wide range of Ceus applications. The various types of wing points ensure excellent loosening, as well as full-surface movement at a medium working depth. The narrower 3.15 and 4 in (80 mm and 100 mm) points loosen the soil even at slightly deeper working depths. The 1.5 in (40 mm) C-Mix narrow point should be used for even deeper loosening down to 14 in (35 cm).

HD Points

The 17 in (430 mm) wing point, the 14 in (350 mm) wing point, the 3 in (80 mm) point and the 1.5 in (40 mm) point are also available as wear-resistant HD versions, especially for areas that have very abrasive operating conditions. Throughout the entire lifespan, the length of the point is maintained. Therefore, readjusting the depth is not necessary. Depending on application and soil conditions, the service life may be up to five times longer than with the standard points.

Tailored leveling!

Essential for optimal soil consolidation

Ceus 3000-TX in action in maize stubbles

Leveling and crumbling

Top-class leveling of the worked soil surface is the basic requirement for flush soil compaction. This is why an additional row of leveling discs is mounted behind the tine rows.

The height, angle, and position of the side discs can be adjusted to ensure a clean match with the next pass.

Leveling discs

For use in medium to heavy soils, leveling discs behind the tines are recommended. The serrated 18 in (460 mm) diameter leveling discs have a powerful mixing effect and provide a consistent drive, even where there are large amounts of straw.

18 in (460 mm)

Reliable disc bearings

The individual concave discs are mounted with elastic sprung rubber buffer blocks for maintenance-free overload safety. The bearings of the discs are, of course, maintenance-free.

The outer closers – individually adjustable in height, angle, and position

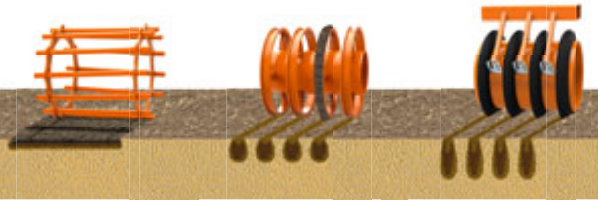
The roller range – reconsolidation and depth control

A wide range of rear rollers for soil compaction are available for all AMAZONE soil tillage implements.
Decide which roller suits your farm best!



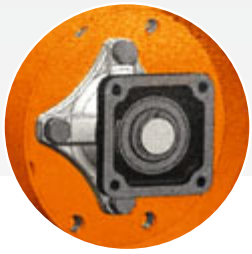
	Designation, diameter	SW cage roller 23.5 in (600 mm)				UW U-Profile roller 23 in (580 mm)				KW wedge ring roller 23 in (580 mm)			
	Suitability	–	o	+	++	–	o	+	++	–	o	+	++
Soil suitability	Light, sticky soils (peat)												
	Light soils (sand)												
	Medium soils												
	Heavy soils												
	Heavy soil (clay)												
Working method	Crumbling												
	Reconsolidation												
	Self-driving ability (less slip)												
	Carrying capacity												
	Insensitive to stones												
	Insensitive to sticky soils												
	Little tendency to block												
Weight per ft of working width		251 lb (114 kg)				276 lb (125 kg)				386 lb (175 kg)			
Rear harrow		optional				optional				optional			
Other options						 Spring-mounted clearing system						

– less suitable
o suitable
+ well suited
++ very well suited



Roller bearings

All rear rollers on AMAZONE soil tillage implements are equipped with bolt-on bearing shafts. This reduces repair work to a minimum in the case of bearing damage.
The robust spherical roller bearings provide high reliability and a long service life.

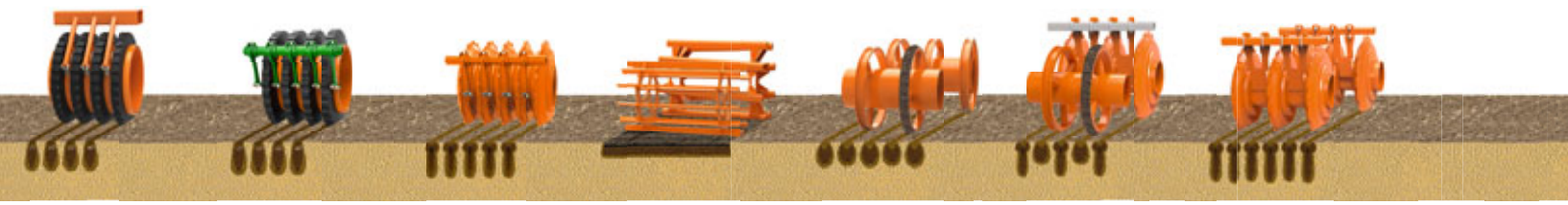


HD roller bearings

The roller bearings are now available as an option in an HD version for maximum operational reliability and an extreme service life.

- A metal face seal to ensure extremely long service life
- Completely maintenance-free with lifelong lubrication thanks to the gear oil filling
- Robust and wear-resistant spherical roller bearings instead of ball bearings

KWM wedge ring roller with Matrix tire profile 23.5 in (600 mm)	KWM wedge ring roller with Matrix tire profile 25.5 in (650 mm)	DW disc roller 23.5 in (600 mm)	TW tandem roller 20.5/15 in (520/380 mm)	DUW Double U-Profile roller 23 in (580 mm)	DDU double disc U-profile roller 23.5 in (600 mm)	DDW Double disc roller 23.5 in (600 mm)
– o + ++	– o + ++	– o + ++	– o + ++	– o + ++	– o + ++	– o + ++
392 lb (178 kg)	452 lb (205 kg)	483 lb (219 kg)	353 lb (160 kg)	408 lb (185 kg)	462 lb (255 kg)	595 lb (270 kg)
optional	optional	optional	–	optional	–	–



Combination of rear roller and harrow

The perfect supplement for seedbed preparation

For seedbed preparation, the Ceus can also be equipped with a harrow for many of the rollers. The finishing 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 optimized straw distribution.

Harrow system for SW, PW, KW & UW rear rollers

Harrow system for TW & DUW following rollers

Harrow system for KWM & DW following rollers

Spring-mounted clearing system for UW rear rollers

Perfect for shallow soil tillage

Changing over to the double tine harrow is simple and works the same way as changing over to the rear roller, because the same roller frame is used.

No roller, but with the double tine harrow instead

In addition to its numerous rear roller options, AMAZONE also offers a double tine harrow for the Ceus. Instead of compacting the soil with the rear roller, the double tine harrow ensures that crop residue is more evenly distributed and that the surface is optimally leveled. In the spring, working at shallow depths with the double tine harrow ensures quicker soil warming and drying. Thanks to the universal and flexible application possibilities of the Ceus, these are the perfect all-rounders on any farm.

The shallow Duo

The double harrow and duckfoot points are the ideal combination for mechanical weed control and shallow soil tillage. Any capping of the upper 0.5 to 0.75 in (1 to 2 cm) of the surface, after rain for instance, is broken up and aerates the soil. Weed and disease carryover prevention is improved, because the double tine harrow leaves the grown weeds on the soil surface to dry. This minimizes any impairment hampering crop growth and the application of crop protection agents is reduced accordingly.

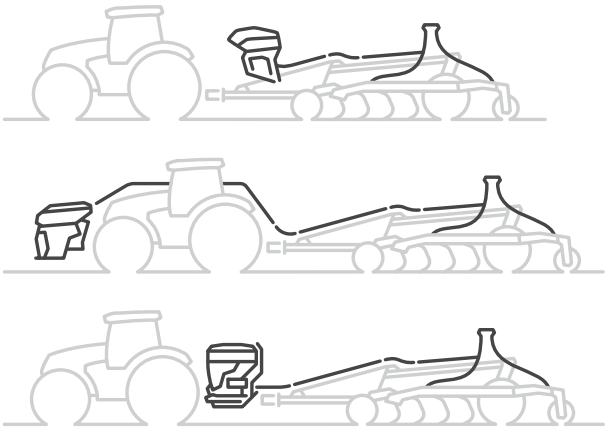
Why work shallow?

- The soil is loosened near the surface, which increases soil aeration and root growth
- This increases micro-organism activity and mobilizes nutrients
- While minimizing soil water evaporation

Double harrow for shallow cultivating

Universal conveying systems – the choice is yours!

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



Model	Hopper capacity
Cover crop seeder box	
GreenDrill 501	14.2 bu (500 l)
Mounted front hopper	
FTender 1600	56.5 cu ft 45.5 bu (1,600 l)
FTender 2200	77.5 cu ft 62.5 bu (2,200 l)
Rear hopper	
XTender 4200	148 cu ft 120 bu (4,200 l)
XTender-T 4200	148 cu ft 120 bu (4,200 l)

Advantages of conveying systems with a segmented distributor head

- Optimal lateral distribution across the entire working width
- Combine sowing systems
- High application rates possible
- Variable with 12 to 48 outlets
- Partial-area, site-specific sowing

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

The universal conveying system enables you to combine your Ceus with different sowing systems. For example, the GreenDrill 501, with its 14.2 bu (500 l) hopper, can be used exactly like the front or rear hoppers with their respective capacities of 56.5 cu ft 45.5 bu to 148 cu ft 120 bu (1,600 to 4,200 l). In addition to cover crops, other seeds or even mineral fertilizers such as micro-granules can be applied.

Convenient operation via the ISOBUS terminal

Easy exchange of the metering rollers

GreenDrill

Universal cover crop seeder box for fine seed and cover crops

Cover crop sowing and soil tillage in one pass

The AMAZONE GreenDrill 501 cover crop seeder box enables direct seeding of cover crops or combining seeding with soil tillage. The GreenDrill seeder box has a capacity of 14.2 bu (500 l) and is equipped with steps for easy access.

GreenDrill 501:
for all trailed machines - with a 14.2 bu (500 l) hopper and hydraulic blower fan

The benefits

- Apply cover crops and fine seeds directly or in combination with a soil tillage tool
- A wide range of metering rollers allow for high a pplication rates
- Even distribution via baffle plates
- Safe and convenient access via steps
- Precise metering with excellent lateral distribution
- Convenient machine control via ISOBUS (GD 501) possible, thereby enabling partial-area, site-specific processing of application maps

GreenDrill 501

with ISOBUS technology

FTender and XTender

Mounted front hopper and rear hopper for higher outputs

XTender 4200 with a capacity of 148 cu ft 120 bu (4,200 l)

FTender 1600 mounted front hopper with a capacity of 56.5 cu ft 45.5 bu (1,600 l)

XTender 4200 mounted hopper with a capacity of 148 cu ft 120 bu (4,200 l)

FTender

AMAZONE also offers a universal and versatile mounted front hopper for use in combination with seed drills and soil tillage equipment similar to the FTender with a capacity of 56.5 cu ft 45.5 bu or 77.5 cu ft 62.5 bu (1,600 or 2,200 l).

Thanks to 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 partial-area, site-specific basis in combination with GPS-Switch (SectionControl).

XTender

AMAZONE also offers two rear hoppers with a capacity of 148 cu ft 120 bu (4,200 l) in the shape of the XTender (mounted). The rear hopper also features a twin outlet pressurized hopper with a 50/50 split, so that two different materials, such as fertilizer and seed, can be applied simultaneously.

Advantages of conveying systems with a segmented distributor head

- Highly efficient thanks to the large hopper capacity
- Lower machine costs, thanks to increased flexibility and wide range of applications
- Precise working thanks to fully integrated ISOBUS control

FTender 1600 mounted front hopper with Cenius-2TX

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 (ft (m))		10 (3.00)	13 (4.00)	13 (4.00)	16.5 (5.00)	20 (6.00)	23 (7.00)
Hitch		Lower link		Lower link, ball, adjustable drawbar			
Execution		rigid		folding			
Operational speed (mph (km/h))		5–9.5 (8–15)		5–9.5 (8–15)			
Power requirement from/to (hp)		50–80		50–80			
Disc diameter/thickness (in (mm))		20/0.2 (510/5)		20/0.2 (510/5)			
Disc spacing (in (mm))		10 (250)		10 (250)			
Tine spacing: discs (in (mm))		5 (125)		5 (125)			
No. of discs		24	32	32	40	48	56
Angle of attack		front 17° rear 14°		front 17° rear 14°			
Working depth: disc implement (in (cm))		2–5.5 (5–14)		2–5.5 (5–14)			
Tine spacing: tine implement (in (cm))		17 (42.80)	17.5 (44.40)	15.75 (40.00)	16.4 (41.60)	15.75 (40.00)	16.2 (41.20)
Working depth: tine implement (in (cm))		2–14 (5–35)[4]		2–14 (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			
Transportation length with road lights (ft (m))		27.5 (8.40)		32 (9.80)			
Transportation width (ft (m))		10 (3.00)	13 (4.00)	9.7 (2.95)			
Transportation height (ft (m))		7 (1.99)		9.2 (2.80)	10.8 (3.30)	12.1 (3.70)	13 (4.00)
Weight without roller (lb (kg))		9,770 (4,431)	10,870 (4,929)	15,200 (6,880)	15,500 (7,050)	19,775 (8,970)	20,150 (9,140)
Weight (lb (kg)) (Baseline machine, simplest version, KW580)		10,550 (4,785)	11,860 (5,380)	16,670 (7,560)	17,400 (7,890)	21,940 (9,950)	22,620 (10,260)
Admissible support load (lb (kg))		1,984 (900)	2,200 (1,000)	3,300 (1,500)	3,300 (1,500)	4,200 (1,900)	4,200 (1,900)
No. of d/a tractor spool valves		2		2, 3[1], 4[2], 5[3]			
Frame height (in (cm))		31.5 (80)		31.5 (80)			

[1] with hydraulic depth adjustment
[2] with hydraulic adjustment of the leveling unit
[3] with hydraulic adjustment of the disc implement
[4] 14 in (35 cm) working depth only with 1.5 in (40 mm) C-Mix point

Technical data

FTender mounted front hopper and XTender rear hopper

FTender mounted front hopper	FTender 1600	FTender 1600 with front tire packer	FTender 2200	FTender 2200 with front tire packer	FTender 2200 C
Hopper capacity (cu ft, bu (l))	56.5, 45.5 (1,600)		77.5, 62.5 (2,200)		
No. of metering units	1				2
No. of spool valves required	1 single-acting (front) valve with pressure-free return				
Oil flow starting at (gal/min (l/min))	7.4 (28)				
Attachment to tractor	3-point hitch mounted Cat. 3/4N				
Permissible total weight (lb (kg))	7,542 (3,421)	7,542 (3,421)	9,079 (4,118)	9,079 (4,118)	9,266 (4,203)
Overall width (in (mm))	98.6 (2,504)	98.6 (2,504)	98.6 (2,504)	98.6 (2,504)	
Fill height (in (mm))	55.2 (1,402)	62.2 */68.4 (1,581*/1,737)	62.3 (1,582)	69.4*/75.5 (1,762*/1,917)	
Overall length (in (mm))	66.9 (1,698)	82.4 (2,093)	66.9 (1,698)	82.4 (2,093)	
Tare weight (lb (kg))	1,160 (526)	2,450 (1,111)	1,460 (661)	2,750 (1,246)	1,726 (783)

*Packer in transport/working position

XTender rear hopper	XTender 4200	XTender-T 4200 (only available in Russia)
Hopper capacity (cu ft, bu (l))	148, 120 (4,200)	
Maximum pulling power (HP)	600	
Ratio of hopper split	50/50	
No. of spool valves required	1 single-acting spool valve with pressure-free return	1 single acting spool valve with pressure-free return, 1 double-acting
Attachment to tractor	3-point hitch Cat. 3/4N	lower hitch ball coupling towing eye
Machine mounting	Lower hitch Cat. 3/4N	lower hitch ball coupling towing eye
Permissible support load on hitch (lb (kg))		
Lower hitch	6,600 (3,000)	8,800 (4,000)
Ball coupling	–	8,800 (4,000)
Flange drawbar	–	7,700 (3,500)
Permissible total weight (lb (kg))	15,800 (7,200)	26,500 (12,000)
Overall width (ft (m))	9.5 (2.90)	9.5 (2.90)
Filling height (ft (m))	7 (2.12)	9.2 (2.80)
Overall length (ft (m))	6.5 (1.98)	20 (6.00)
Tare weight (lb (kg))	2,900 (1,300)	7,500 (3,400)

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Illustrations, content, and technical data are not binding and may differ, depending on the type of equipment and add-ons in use. 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 listed combination options are possible with all tractor manufacturers.

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MI10329
(en_US, en_CA) 05.25

Printed in Germany

www.amazone.net

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