



**AMAZONE**

Mounted cultivator **Cenius**

Trailed cultivator **Cenius-2TX**



# The Cenius and Cenius-2TX cultivator family – both effective and efficient



! "The Amazone Cenius 6003-TX achieved the best results both in short and long stubble."

(Farmers Magazine East – shallow, however, thorough · 08/2017)

! "The bottom line is that the Amazone Cenius (5003-2TX Super) was the easiest to pull."

(profi – comparison test: semi-mounted cultivators Part 1 · 5/2017)

The Cenius mounted cultivator, with working widths from 10 ft to 13 ft (3 m to 4 m), and the Cenius-2TX trailede cultivator, with working widths from 13 ft to 23 ft (4 m to 7 m), stand out due to their excellent work quality, low fuel consumption and absolute flexibility. The cultivator offers a wide selection of different points, rear rollers and other equipment options, providing the right solution regardless of the farm.



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# Introducing the strong line-up

All the models at a glance

When it comes to the question of choosing an implement, many farmers are looking for a tool that will not only help to reduce establishment costs, but will also be as versatile as possible. The Cenius mulch cultivators are available in either a mounted version with a width of 10 to 13 ft (3 to 4 m), or the trailedd Cenius-2TX cultivator with a width of 13 to 23 ft (4 to 7 m). These can operate from shallow stubble or work down deep for loosening of top soil.

With its different levels of equipment, the implement can be adapted to virtually any field conditions. In conjunction with either an active or passive AMAZONE planting combination, it provides a superb start for modern planting systems.



Cenius 3003 Special

Model	Working width
Cenius 3003 Special/Super	10 ft (3.0 m)
Cenius 3503 Super	11.5 ft (3.5 m)
Cenius 4003 Super	13 ft (4.0 m)



Cenius 4003-2 Super

Model	Working width
Cenius 4003-2 Special/Super	13 ft (4.0 m)

## More with less – Cenius

- ✓ More strength
- ✓ More applications
- ✓ More comfort and convenience

- ✓ Fewer blockages
- ✓ Less fuel
- ✓ Less wear parts



Cenius 5003-2TX Super

Model	Working width
Cenius 4003-2TX Super/Ultra	13 ft (4.0 m)
Cenius 5003-2TX Super/Ultra	16.5 ft (5.0 m)
Cenius 6003-2TX Super/Ultra	20 ft (6.0 m)
Cenius 7003-2TX Super/Ultra	23 ft (7.0 m)

## ✓ WINNER ON POINTS: "The easiest to pull and the most economical"

Out of 27 evaluation criteria: **9 times VERY GOOD, 14 times GOOD**

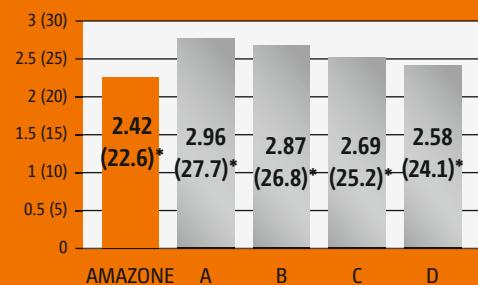
The AMAZONE Cenius 5003-2TX Super achieved the best results in the big comparison test published in profi magazine in 5/2017 and 6/2017

In 2016, profi magazine tested semi-mounted cultivators with 15 to 16.5 ft (4.6 to 5 m) working widths in practical operating conditions. The test took place at working depths of 2.5 in (6 cm), 6 in (15 cm), and 10 in (25 cm).

When these applications were averaged, the tractor in front of the Cenius featured the most favorable fuel consumption – around 0.4 gal (1.5 l) less than the next best test contender. When stubble tilling at a depth of 2.5 in (6 cm), the Cenius equipped with duck foot points consumed just 0.5 gal/ac (5 l/ha), which was the most economical cultivator in the trial.

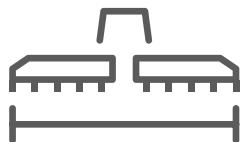
- ! "The Cenius consistently comes out the best almost always, especially because of its power requirement and ease of adjustment."

(profi – comparison test: semi-mounted cultivators Part 2 · 6/2017)



\* Average fuel consumption in gal/ac (l/ha)

# Cenius mounted cultivator



10 to 13 ft (3 to 4 m)



2 to 13.8 in (5 to 35 cm)



Up to 9.5 mph (15 km/h)



10.6 to 12 in (27 to 31 cm)



## The benefits at a glance:

- ⊕ Varied range of application from shallow stubble cultivation to topsoil deep loosening thanks to a wide range of points
- ⊕ Seamless mechanical working depth adjustment, or comfortable fully hydraulic working depth adjustment from the cab as an option
- ⊕ Excellent work quality even under the toughest conditions, made possible by the high release forces of the overload protection system on the C-Mix Special and C-Mix Super tines
- ⊕ The leveling unit provides optimum leveling under any conditions and includes the option of easy hydraulic adjustment from the cab
- ⊕ Rear rollers that adapt to any soil type and ensure optimum reconsolidation

### MORE INFORMATION

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



**PRODUCT FILM**  
Find out more



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

# Cenius 3003, 3503, and 4003

**3-stagger mounted cultivator with working widths of 10 ft (3 m),  
11.5 ft (3.5 m) and 13 ft (4 m)**

## Implement adjustment made easy!

Convenient and, above all, quick implement adjustment was the focus of development for the Cenius cultivator series.

It comes standard with continuous mechanical, tool less, central adjustment of the working depth via a setting spindle accessed at just one point on the machine. An easily visible and robust scale serves as an indicator to help determine the amount of adjustment. The Cenius is also available with hydraulic depth control.

This allows for a dynamic response to different soil and application conditions on the move. An easily visible scale aids in quick adjustment from the tractor cab.

- ① Adjustment of the leveling unit
- ② The overall working depth can be set via the hydraulic depth adjustment



Hydraulic cylinder for setting the depth of the tine section

Model	Working width
Cenius 3003 Special/Super	10 ft (3.0 m)
Cenius 3503 Super	11.5 ft (3.5 m)
Cenius 4003 Super	13 ft (4.0 m)



Cenius Special: C-Mix tines with a shear bolt overload safety device and a WW Angle profile roller

- ✓ The bolt-on lower link pins and the two mounting heights for the top and lower links enable Category 3 or Category 3N hitching to the tractor.



# Cenius 4003-2

Folding mounted cultivator in 13 ft (4 m) working width

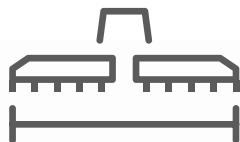
## Cenius 4003-2, folding and 3-point hitch mounted

The 3-stagger cultivators used with the Cenius 4003-2 are supplemented by a folding mounted cultivator. Hydraulic folding enables the safe transport of the Cenius 4003-2 on the road, irrespective of its 13 ft (4 m) working width.

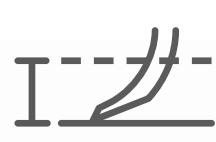
Model	Working width
Cenius 4003-2 Special/Super	13 ft (4.0 m)



# Cenius-2TX trailed cultivator



13 to 23 ft (4 to 7 m)



2 to 13.8 in (5 to 35 cm)



Up to 9.5 mph (15 km/h)



11 to 12 in (28 to 30 cm)



# The benefits at a glance:

- ⊕ Exceptionally easy to pull and fuel-efficient, yet with a very good loosening and mixing effect thanks to the optimized tine arrangement and angling
- ⊕ Fully hydraulic working depth adjustment for maximum convenience and precise working results
- ⊕ 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
- ⊕ A wide variety of leveling tools that can be easily adjusted via hydraulics from the cab, providing optimum leveling under any conditions
- ⊕ Rear rollers that adapt to any soil type and ensure optimum reconsolidation
- ⊕ Working without a roller or with a double harrow ensures maximum flexibility

## MORE INFORMATION

[www.amazone.net/cenius-2tx](http://www.amazone.net/cenius-2tx)



**PRODUCT FILM**  
Find out more



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

# The Cenius-2TX – a cultivator alone in its class

Extremely low fuel consumption, extremely high output



Using the Cenius and the Cenius-2TX provides agronomical benefits – and over a wide range of applications

- ✓ Shallow stubble cultivation immediately after harvest:  
2 to 4.7 in (5 to 12 cm)
- ✓ Medium-deep soil tillage and intensive mixing in of  
crop residues: 4.7 to 8 in (12 to 20 cm)
- ✓ Deep topsoil loosening: 8 to 13.8 in (20 to 35 cm)
- ✓ Seedbed preparation in the spring
- ✓ Consolidation of solid and liquid manures with organic  
matter



Cenius 6003-2TX Super with C-Mix Super tines

## Maximum flexibility

The 4-stagger tine layout with pivoting tines, 11 in (28 cm) tine spacing and 31.5 in (80 cm) frame height ensures variable and blockage-free operation.

Model	Working width
Cenius 4003-2TX Super/Ultra	13 ft (4.0 m)
Cenius 5003-2TX Super/Ultra	16.5 ft (5.0 m)
Cenius 6003-2TX Super/Ultra	20 ft (6.0 m)
Cenius 7003-2TX Super/Ultra	23 ft (7.0 m)

## High output

Working widths of up to 23 ft (7 m) in combination with the optional traction assistance provide a high work rate. Thanks to its center running gear, the Cenius-2TX is especially maneuverable both on the road and in the field.

## Fast on the road

550/45-22.5 tires are fitted to all trailed Cenius-TX models as standard. 700/40-22.5 tires are also available for larger units with a working width of 20 ft (6 m) and 23 ft (7 m). When equipped with air braking, transportation is possible at speeds of up to 25 mph (40 km/h).

## Maximum convenience

Use of the optional fully hydraulic working depth adjustment provides flexible adaption to varying soil conditions and includes a scale to read off the working position, so there is no need to work with clips or similar items.

The optional hydraulic adjustment of the leveling discs from the tractor seat ensures maximum convenience and operational safety.

Optimal center of gravity shifting and the ideally designed hydraulic system enables the wing of the Cenius-2TX to fold out in no more than 10 seconds, setting the standard in its class. (profi comparison test: semi-mounted cultivators Part 2 · 6/2017)

! "In addition to its superb finish, the Cenius 5003-2TX Super excels in mixing, crumbling, and leveling. The release force of its overload safety device is sufficient even at greater working depths. It can be equipped with a wide range of points and finishing implements."

(traction – working test AMAZONE Cenius 5003-2TX Super · 3/2016)

! "At a working width of 16.5 ft (5 m), the mulch cultivator yields an appealing quality of work. Even the long corn stalks are properly incorporated."

(dlz Practical test · 02/2015)

! "Despite its length, the Cenius TX Super is very maneuverable."

(traction – working test AMAZONE Cenius 5003-2TX Super · 3/2016)

# Excellent central running gear for any application





Setting scale for the fully hydraulic depth adjustment of the tine



! "The bolted clamps ensure that the roller can be easily removed for wet conditions or to leave a coarse 'autumn furrow'."

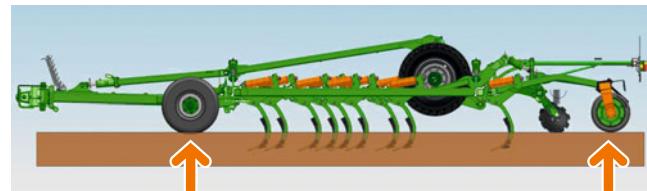
(traction – working test AMAZONE Cenius 5003-2TX Super - 3/2016)

## Operational reliability in any conditions

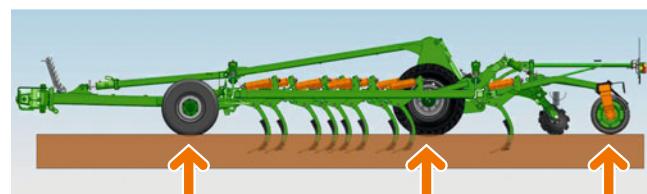
The optional fully hydraulic working depth adjustment is recommended in conditions where it is necessary to adjust the working depth on the move to varying soil conditions or to repair unsuitable compaction. Hydraulic operation of the support wheels and the rear roller is used for optional adjustment of the working depth. Manual working depth adjustment is also available via spindles.

Allowing the transport wheels to run parallel on soils that are highly sensitive to pressure is also recommended. This will lighten the load of the running gear on the rear roller. This is also not an obstacle for the Cenius-2TX.

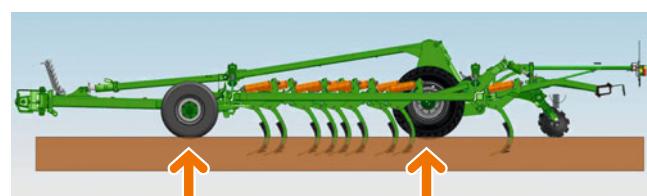
In very wet conditions, in late autumn or when leaving the field to overwinter, the Cenius-2TX can be operated without a depth roller. For this special application, the running gear serves to control depth. The tines at the rear of the wheels serve as wheel mark eradicators to ensure a level finish.



Depth control via support wheels and the rear roller



Depth control via support wheels, the running gear and the rear roller



Depth control via support wheels and the running gear

! "Convenient and practical are two words that perfectly describe the hydraulic depth adjustment of the tines Amazone offers as an option."

(profi Practice test "Trailed cultivators Part 2" · 06/2017)

# Equipment options for the various models



Cenius 3003

## Model

Cenius  
3003  
3503  
4003

Hitch	Cat. 3	●
	Cat. 3N	●
	Cat. 4N	—
	K80	—
	Towing eye	—
Tines	Special	●*
	Super	●
	Ultra	—
Transportation	Rigid	●
	Folding	—

\* only available for 10 ft (3 m)





Cenius 4003-2



Cenius 6003-2TX

**Cenius-2  
4003-2****Cenius 2TX  
4003-2TX  
5003-2TX  
6003-2TX  
7003-2TX**

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# C-Mix tines – the choice is yours

Special, Super or Ultra – the right solution for every task

## C-Mix Special tines with shear bolt over-load safety protection

For the Cenius rigid width of 10 ft (3 m) and folding width of 13 ft (4 m)



C-Mix Special tines with shear bolt over-load safety protection

- ✓ For operating conditions with infrequent overloading
- ✓ Protects the frame against extreme high forces
- ✓ Must be manually reset after triggering
- ✓ Trigger force 5,512 lb (2,500 kg)

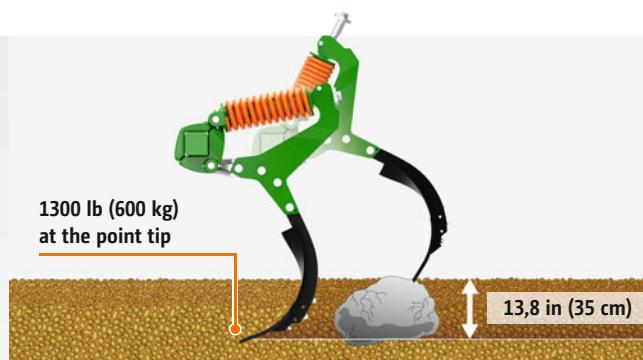
## C-Mix Super tines with pressure spring overload protection

For all Cenius and Cenius-2TX cultivators



C-Mix Super tines with pressure spring overload protection

- ✓ For operating conditions with occasional overloads
- ✓ 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





Cenius 7003-2TX Ultra with C-Mix Ultra tines

## C-Mix Ultra tines with hydraulic overload protection

For all trailedd Cenius-2TX models



- ✓ 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 1764 lb (600 to 800 kg) to adapt to working conditions as needed

## Ultra overload safety device for the most demanding conditions

The strengths of the C-Mix Ultra tine becomes apparent in challenging soil conditions where the tine protection system is continuously triggered. This hydraulic variant enables seamless adjustment of the trigger force up to 1,764 lbs (800 kg) to adapt to the conditions. This provides excellent operational reliability, since the machine maintains the desired working depth of up to 13.8 in (35 cm), even under the toughest conditions, thanks to the high trigger clearance of the individual tines. In addition, the Ultra overload protection system provides unique cultivator protection; the hydraulic cylinders installed on the tines and the central nitrogen accumulators ensure highly damped resetting of the C-Mix Ultra tine after triggering. This is very beneficial for overload protection system wear and tear, even in the case of frequent triggering.

The number of nitrogen accumulators is adjusted to the respective number of tines to guarantee only a small pressure difference when several overload protection devices are triggered simultaneously.

## Seamless adjustment

Seamless adjustment of the system is easily and conveniently carried out from the front on the drawbar. The pressure gauge is in the same place and can also be easily viewed from the tractor cab for convenient monitoring.

# The Points

The heart of any cultivator



C-Mix coulter 1.5 in (40 mm) with fertilizer supply tines for Cenius-2TX

## 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**



C-Mix duck foot point 12.5 in (320 mm)	C-Mix wing point 14 in* / 14.17 in** (350 mm* / 360 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*)
 1.2 – 4 in (3 – 10 cm )	 2 – 6 in (5 – 15 cm)	 4 – 8 in (10 – 20 cm)	 5 – 12 in (12 – 30 cm)	 8 – 14 in (20 – 35 cm)

### Mixing intensity

## Working depth

\*also as HD variant

**\*\*only for the mounted Genius**

The working depths serve only as a guideline and will ultimately depend on the soil conditions

## HD Points

The 14 in (350 mm) wing point, the 3 in (80 mm) point, and the 1.5 in (40 mm) point are also available in a wear-resistant HD version for areas subject to intensive cultivation. Throughout the entire lifespan, the length of the point is maintained.

Therefore, readjusting the working 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.

# Optimum incorporation followed by perfect leveling



# No matter what kind of soil!

## Loosening and mixing

The 3-stagger and 4-stagger layout of the tines in the main frame ensure the intensive and optimum incorporation of straw residues into the top soil. Narrow row spacing of less than 12 in (30 cm) ensures that dry, hard topsoil is fully worked. At the same time, the wide tine-to-tine spacing and the huge frame height of 31.5 in (80 cm) allow the passage of large amounts of material and ensure the highest operational reliability.

## Easy leveling

On all Cenius devices, the depth setting of the leveling system is performed quickly, safely, and without tools via two spindles. To further improve the operational performance and the level of convenience, AMAZONE now also offers hydraulic adjustment of the leveling unit. This allows for all adjustments to the Cenius to be made from the tractor cab. Hydraulic adjustment provides maximum convenience and operational safety. A clearly visible scale within view of the tractor seat displays the current working depth of the leveling discs, so the depth can be adjusted quickly and easily on the move.

## Large through passage

The high underframe clearance also allows for undisturbed material flow, even where large amounts of residue prevail. The following leveling tools evenly level the loosened soil.

The position of the trailing discs or the spring-loaded leveling tines for crumbling and leveling is adjusted centrally via the setting spindle - again without the use of tools. Adjustable side elements allow for clean matching with the next pass.



Spindles for central adjustment of the leveling unit on the Cenius-2TX



Hydraulic cylinder to set the depth of the leveling unit



**!** "The lasered, semi-circular setting scale for the leveling system is great."  
(profi Practice test  
"Trailed cultivators Part 2" · 06/2017)

# Tailored leveling!



18 in (460 mm)

## Leveling and crumbling

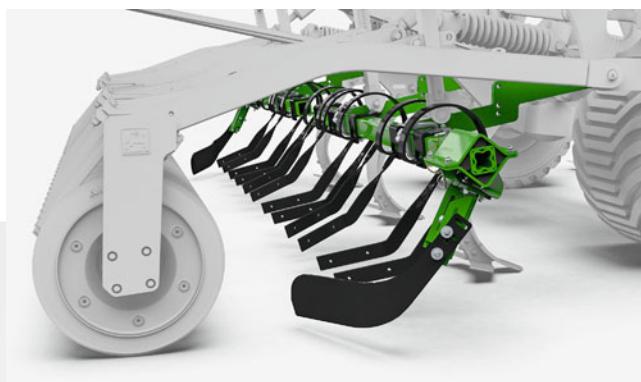
Top-class leveling of the worked soil surface is the basic requirement for even soil distribution. This is why an additional leveling system is attached behind the tine rows. Here there is the option of mounting spring-loaded steel closers or smooth, serrated leveling discs.

To ensure a clean matching with the next pass, the height and angle of the side discs and outer spring-loaded steel closers can be adjusted.

## Spring-loaded leveling tines

When used on areas with light soil and low residue content, the Cenius-2TX can be equipped with the more cost-effective spring-loaded steel closers.

These spring-loaded steel closers are lighter than the leveling discs and feature a spring-loaded steel overload safety device. For optimum matching on either side, the adjustable outer spring elements, or the lower-cost rigid outer closers are available.



Spring-loaded leveling tines

## 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.

## Reliable disc bearings

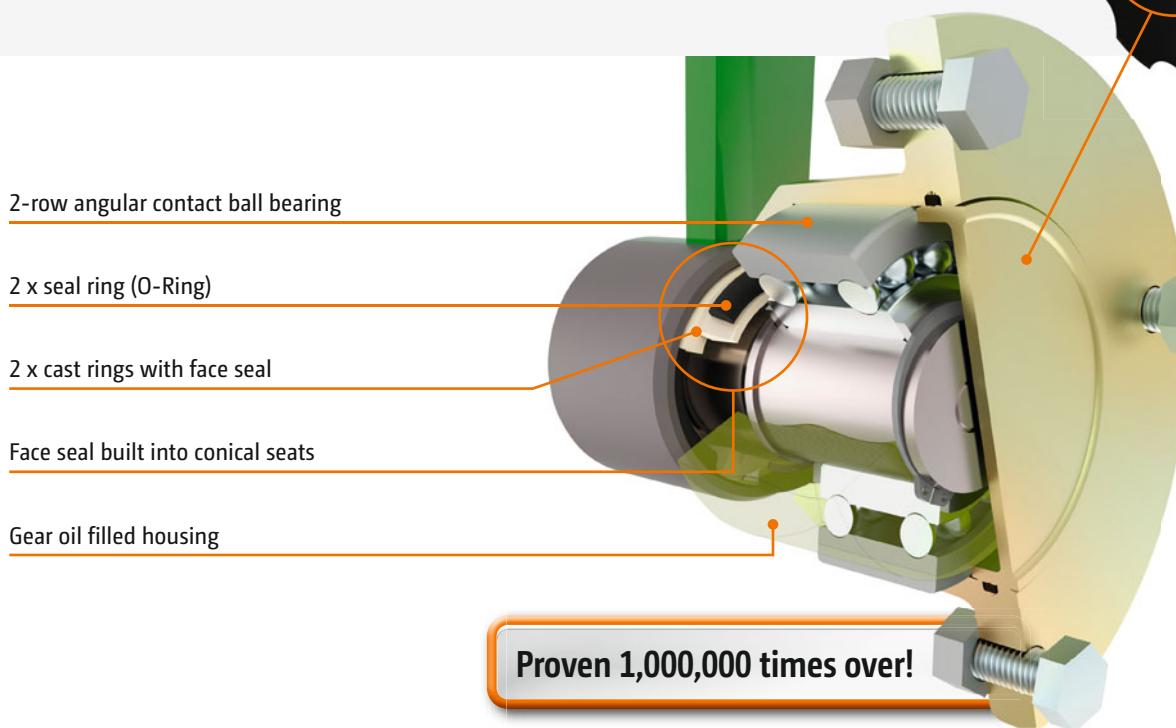
The individual concave discs are mounted with elastic sprung rubber buffer blocks for maintenance-free overload safety. The bearings of the discs are, of course, maintenance-free.



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

# No lubricating ever again

Thanks to the maintenance-free disc bearings



## Face seal

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

- Optimal leveling via spring-loaded leveling tines or leveling discs, either smooth or serrated
- Side discs available with individual height and angle adjustment, providing a level finish between passes
- Maintenance-free disc bearings with face seals and lifelong lubrication
- Maintenance-free stone release via rubber sprung elements as standard

# The roller range – reconsolidation and depth control

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



	Description, diameter	Cage roller* SW 20.5 in (520 mm)	Cage roller SW 23.5 in (600 mm)	Angle profile roller* WW 23 in (580 mm)	U-profile roller UW 23 in (580 mm)	Disc roller DW 23.5 in (600 mm)
	Suitability	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++
Soil suitability	Light, sticky soils (peat)					
	Light soils (sand)					
	Medium soils					
	Heavy soils					
	Heavy soil (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	214 lb (97 kg)	251 lb (114 kg)	247 lb (112 kg)	278 lb (125 kg)	483 lb (219 kg)	
Rear harrow	optional	optional	optional	optional	optional	optional
Mounted Cenius 03(-2)	●	●	●	●	●	●
Trailed Cenius 03-2TX	–	●	–	●	●	●

– less suitable  
○ 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 event of damage to bearings. 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



Wedge ring roller KW 23 in (580 mm)	Wedge ring roller with matrix tire profile KWM 23.5 in (600 mm)	Wedge ring roller with matrix tire profile KWM 25.5 in (650 mm)	Tandem roller TW 20.5/15 in (520/380 mm)	Double U-profile roller DUW 23 in (580 mm)	Double-disc U-profile roller DDU 23.5 in (600 mm)	Double disc roller DDW 23.5 in (600 mm)
- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++
386 lb (175 kg)	392 lb (178 kg)	452 lb (205 kg)	353 lb (160 kg)	408 lb (185 kg)	562 lb (255 kg)	595 lb (270 kg)
optional	optional	optional	-	optional	-	-
●	●	-	●	●	●	●
●	●	●	●	-	●	●



\* only available in 10 ft (3 m)

# Combination of rear roller and harrow

## The perfect supplement for seedbed preparation

Many of the AMAZONE cultivator rollers can also be equipped with a following harrow for seedbed preparation. 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 residue distribution.



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



Spring-mounted knife system for WW rear rollers



Harrow system for KWM & DW rear rollers

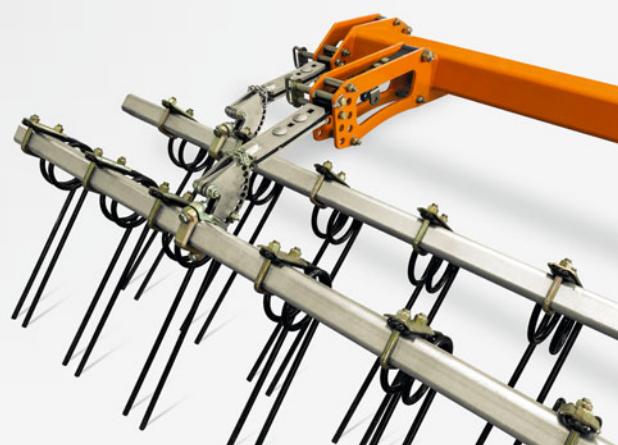


Spring-mounted clearing system for UW rear rollers



Harrow system for TW & DUW rear rollers

# Perfect for shallow soil tillage



Changing over to the double tine harrow is simple and works the same way as either changing over to or mounting/demounting the finishing 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 Cenius 2TX. Instead of firming 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 Cenius-2TX, 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
- ✓ Minimizes any evaporation of water in the soil

Double harrow for shallow cultivating



# The right equipment for any cultivator and any application



Cenius 7003-2TX Super



Fertilizer supply tines with  
C-Mix 40 points



## Hitch systems for every tractor

Comprehensive and versatile mounting and drawbar options are available for any soil tillage requirements and any type of tractor. The flange plate makes it easy to rearrange the hitch pins quickly when needed. Furthermore, the category of the lower hitch can also be quickly changed. 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 3, 3N, 4 or 4N lower link cross shafts, various towing eyes or the K80 ball coupling are used.

## Fertilizer supply tines for Cenius-2TX

Fertilizer is supplied in the shadow of the point. The depth at which the fertilizer is going to be placed can be adjusted via a flap in the fertilizer supply tines. The fertilizer supply tines can be used together with the C-Mix 80 point or with the new C-Mix 40 point.

Adjustment options for the fertilizer position:

- 1) 100% near the surface
- 2) 50% near the surface/50% under root
- 3) 100% under root

## Traction assistance for Cenius-2TX

### Increased tractor traction

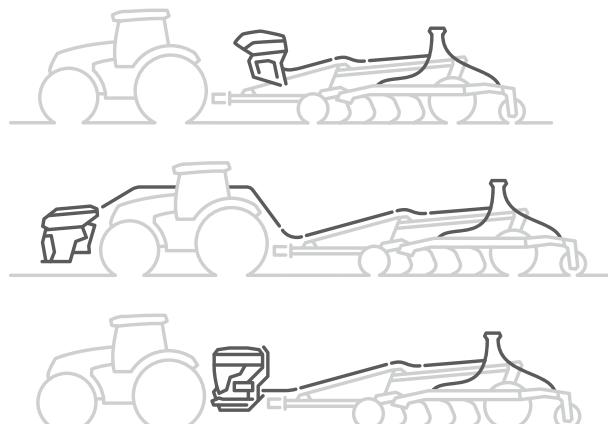
- Weight transfer from the Cenius onto the rear tractor axle
- up to 3,307 lb (1,500 kg) additional weight on the rear axle

### Reduction in wheel slip

- Increase in acreage output
- Reduced fuel consumption

# Universal conveying systems – the choice is yours!

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



## Advantages of conveying systems with a segmented distributor head

- ✓ Optimum 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

Model	Hopper capacity
<b>Cover crop seeder</b> GreenDrill 200 GreenDrill 501	5.67 bu (200 l) 14.2 bu (500 l)
<b>Mounted front hopper</b> FTender 1600 FTender 2200	56.5 cu ft 45.5 bu (1,600 l) 77.5 cu ft 62.5 bu (2,200 l)
<b>Rear hopper</b> XTender 4200	148 cu ft 120 bu (4,200 l)

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

The universal conveying system enables you to combine your Cenius with different planting 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 planting cover crops, other seeds or even mineral fertilizers such as micro-granules can be applied.



Comfortable operation of the GreenDrill 501 via the ISOBUS terminal



Easy exchange of the metering rollers

# GreenDrill

**Universal cover crop seeder box for fine seed and cover crops**



Cenius 3003 Special with GreenDrill 200 seeder box

## Cover crop sowing and soil tillage in one pass

The AMAZONE GreenDrill 200 and GreenDrill 501 seeder boxes enable the application of cover crops directly in combination with a soil tillage tool. The GreenDrill seeder boxes have a capacity of either 5.67 bu (200 l) or 14.2 bu (500 l) and provided with steps for easy access.

## The benefits

- ✓ Application of cover crops and fine seeds during soil tillage
- ✓ A wide range of metering rollers allow for high application 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
- ✓ Easy machine control of the GreenDrill 200 via the 5.2 in-cab terminal



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



GreenDrill 501 in use with the Ceus 5000-2TX Ultra



5.2 in-cab terminal for the GreenDrill 200



# FTender, XTender

Mounted front and rear hoppers for high 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 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 or 77.5 cu ft 45.5 or 62.5 bu (1,600 or 2,200 l).

Full hopper compatibility with ISOBUS allows them to be operated from an 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) and the XTender-T (trailed). Both rear hoppers also feature a pressurized twin outlet hopper with a 50/50 split, for simultaneous application of two different materials, such as fertilizer and seed.

### 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

# AMAZONE – always nearby

Your satisfaction is our goal



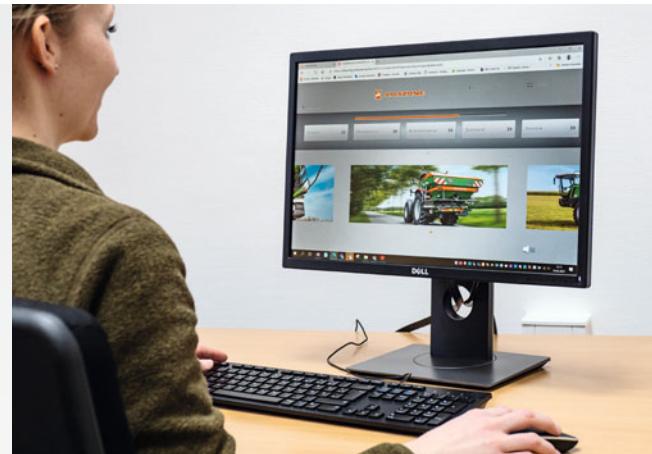
## The satisfaction of our customers is the most important objective

We rely on our expert sales partners for this. They also act as reliable contact partners for service inquiries from end users and contractors. Continuous training keeps our sales partners and service technicians up-to-date when it comes to looking after this state-of-the-art technology.

## We provide you with first-class spare parts service

The spare parts center in Tecklenburg-Leeden, Germany is the base for our worldwide spare parts logistics system. This ensures the maximum availability of spare parts, even for older machines.

Orders for parts in stock at the Tecklenburg-Leeden spare parts center placed by 5 p.m. leave our premises the same day. 42,000 different spare parts and wearing metal parts are handled and stored via our modern warehousing system. Up to 1,000 orders are sent out to customers every day.



## Better to choose the original right from the start

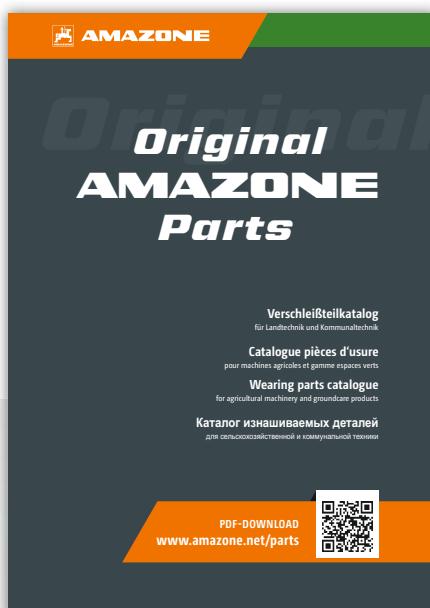
Your machines work very hard! The quality of AMAZONE spare parts and wearing metal offers you the reliability and safety you need for efficient soil tillage, precise planting, professional fertilization and successful crop protection.

Only original spare parts and wearing metal parts provide the durability and functionality that customers expect from AMAZONE machinery. This guarantees the highest-quality work. Original parts at fair prices pay for themselves in the end.

So choose the original!

### The advantages of original spare parts and wearing metal parts

- ✓ Quality and reliability
- ✓ Innovation and efficiency
- ✓ Immediate availability
- ✓ Higher resale value of the used machine



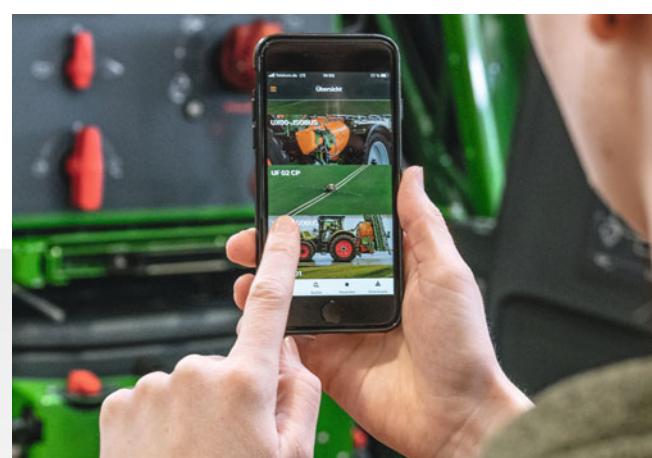
## SmartLearning – Interactive driver training on the app or on a computer

With the "SmartLearning" tool as an app on your smartphone, online or as a download version for your computer, AMAZONE makes it easier for you to work efficiently with our machinery and terminals.

"SmartLearning" is an interactive training program that gives drivers the opportunity to familiarize themselves with the operation of the machine before using it for the first time. However, experienced drivers can also refresh their knowledge here, in order to make even better use of the potential performance of their machine.

Via our homepage as an online version  
or for download: [www.amazone.net/smartlearning](http://www.amazone.net/smartlearning)

Or as an app on your smartphone:



# Technical data

## Cenius and Cenius-2TX44

Cenius mounted cultivator	Cenius 3003 Special/Super	Cenius 3503 Super	Cenius 4003 Super	Cenius 4003-2 Special/Super
Working width (ft (m))	10 (3.00)	11.5 (3.50)	13 (4.00)	13 (4.00)
Execution	rigid	rigid	rigid	folding
Transportation width (ft (m))	10 (3.00)	11.5 (3.50)	13 (4.00)	10 (3.00)
Transportation length with road lights (ft (m))	12.5 (3.80)	12.5 (3.80)	12.5 (3.80)	12.5 (3.80)
Transport height (m)	–	–	–	–
Base machine weight (lb (kg)) in simplest specification <sup>3</sup>	Special 3,268 (1,482) Super 4,463 (2,024)	–	–	5,325 (2,415) 6,758 (3,065)
Hitch	3-point hitch (Cat. III)			
Number of tines	11	12	13	13
Tine execution	Special Super	C-Mix Special tines with shear bolt overload safety protection C-Mix Super tines with pressure spring overload protection		
Number of tine rows	3			
Tine spacing in the row (in (mm))	32 (810)	34 (870)	33.5 (855)	33.5 (855)
Tine spacing (in (mm))	10.75 (273)	11.5 (291)	11.25 (286)	11.25 (286)
Frame height (in (mm))	31.5 (800)			
Working depth (in (cm))	2–13.8 (5–35) <sup>4</sup>			
Maximum operational speed (mph (km/h))	5–9.5 (8–15)			
Power requirement from (kW/hp)	90/125	105/140	147/200	147/200
No. of d/a tractor spool valves	0, 1 <sup>1</sup> , 2 <sup>2</sup>	0, 1 <sup>1</sup> , 2 <sup>2</sup>	0, 1 <sup>1</sup> , 2 <sup>2</sup>	1, 2 <sup>1</sup> , 3 <sup>2</sup>

Cenius-2TX trailede cultivator	Cenius 4003-2TX Super/Ultra	Cenius 5003-2TX Super/Ultra	Cenius 6003-2TX Super/Ultra	Cenius 7003-2TX Super/Ultra
Working width (ft (m))	13 (4.00)	16.5 (5.00)	20 (6.00)	23 (7.00)
Operational speed (mph (km/h))	5–9.5 (8–15)			
Working depth (in (cm))	2–13.8 (5–35) <sup>4</sup>			
No. of tines	13	17	21	25
Tine execution	Super Ultra	C-Mix Super tines with pressure spring overload protection C-Mix Ultra tines with hydraulic overload protection		
Tine spacing (in (mm))	12 (307)	11.6 (294)	11.25 (286)	11 (280)
Power requirement from/to (hp)	50–80			
Transportation length (ft (m))	30.5–33.1 (9.30–10.10)			
Transportation width (ft (m))	10 (3.00)			
Transportation height (ft (m))	9.2 (2.80)	10.2 (3.10)	12.1 (3.70)	13 (4.00)
Base machine weight (lb (kg)) in simplest specification <sup>3</sup>	Super 12,526 (5,682) Ultra 12,130 (5,502)	14,398 (6,531)	16,924 (7,677)	18,783 (8,520) 17,945 (8,140)
Admissible support load (lb (kg))	3,418 (1,550)			
Number of tine rows	4			
Frame height (in (mm))	31.5 (800)			
No. of d/a tractor spool valves	2, 3 <sup>1</sup> , 4 <sup>2</sup>			

<sup>1</sup>with hydraulic depth adjustment    <sup>2</sup>with hydraulic adjustment of the leveling unit<sup>3</sup>with mechanical depth setting, traffic lights, twin-circuit air braking system, 1.5 in (40 mm) C-Mix point, leveling discs, SW 600<sup>4</sup>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))	7,543 (3,421)	7,543 (3,421)	9,080 (4,118)	9,080 (4,118)	9,268 (4,203)
Overall width (in (mm))	98.5 (2,504)	98.5 (2,504)	98.5 (2,504)		98.5 (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))	66.8 (1,698)	82.4 (2,093)	66.8 (1,698)		82.4 (2,093)
Tare weight (lb (kg))	1,160 (526)	2,450 (1,111)	1,457 (661)	2,747 (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	6,615 (3,000)	8,820 (4,000)
Ball coupling	–	8,820 (4,000)
Flange drawbar	–	7,717 (3,500)
Permissible total weight (lb (kg))	15,876 (7,200)	26,460 (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))	2,866 (1,300)	7,497 (3,400)

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.



# AMAZONE



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