



AMAZONE

Compact disc harrow ***Catros***

Compact disc harrow ***Certos***



Catros and Certos compact disc harrows

Performance: it makes sense!



In focus: do more with less

- ✔ More strength
- ✔ Multiple possibilities for use
- ✔ More comfort and convenience
- ✔ Less fuel
- ✔ Less wear parts
- ✔ Lower maintenance costs

Compact disc harrows are ideally suited for tilling soil both at shallow and deep depths. Thanks to their extremely low pulling power requirement, combined with high forward speeds, high rates of productivity can be achieved. Low fuel consumption also makes them extremely economical to operate.



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www.amazone.net/smartlearning

Catros 03

The compact disc harrow with our Smart Frame System



The new Catros generation – for higher working rates

With the Catros 03, AMAZONE offers a perfected compact disc harrow of the latest generation. The working depth is no longer set via the rear roller on the Catros⁺ 03. It can now be set by adjusting the entire disc section. A fixed link-

age between the two rows of discs ensures that both rows always work at the same depth. Setting the disc stagger is a thing of the past.

- ❗ “The depth can be conveniently adjusted from the side.”
- ❗ “The line of sight to the implement is very good. The frame has an open design.”

(“top agrar” – Test report · 01/2017)



The combination of aesthetics and performance exhibited by the Catros^{XL}, which was entered in the "Farm machinery" category impressed and delighted the iF jury of experts and designers from all over the world. In addition to the quality of the design, the evaluation criteria handled by the jury included the choice of finish and material, the degree of innovation, environmental compatibility, machine functionality and ergonomics and, finally, perception of use and safety.



Advantages of the Catros 03

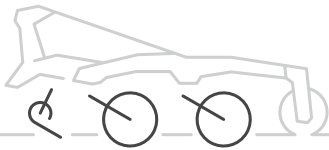
- ✔ Smart Frame System
- ✔ Simple configuration of the working depth by adjusting the entire disc section
- ✔ Open frame design for optimum throughput

Modular design of the compact disc harrows

- ✔ Choice of a variety of front tools
- ✔ Smooth, fine, or coarse serrated discs
- ✔ Select from a wide range of roller options
- ✔ Optional combination with the GreenDrill seeder box

The right machine for each farm

Wide range of equipment combinations for the Catros 03



Smart Frame System

Simple, fast, and precise adjustment of the working depth.

Meticulous stubble cultivation using the front tools for any application.

Wide range of discs for a variety of applications.



19 in (480 mm)
wave-shaped profile

Wide variety of rollers with multiple diameters.



SW cage roller
20.5 in
(520 mm)

SW cage roller
23.5 in
(600 mm)

WW angle profile
roller 22.8 in
(580 mm)

UW U-Profile
roller 22.8 in
(580 mm)

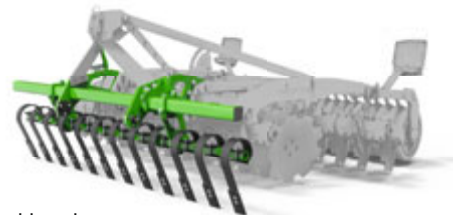
Optimally combined with a seeding system.



GreenDrill



Knife roller



Crushboard



20 in (510 mm)
smooth



20 in (510 mm)
fine serrated



20 in (510 mm)
coarse serrated



24 in (610 mm)
coarse serrated



DW disc roller
23.5 in
(600 mm)



KW wedge
ring roller
22.8 in (580 mm)



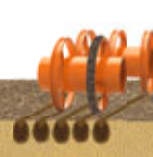
KWM wedge ring roller
with Matrix tire profile
23.5 in (600 mm)



KWM wedge ring roller
with Matrix tire profile
25.5 in (650 mm)



TW tandem roller
20.5/15 in
(520/380 mm)



DUW Double
U-Profile roller
22.8 in (580 mm)



DDU Double-disc
U-Profile roller
23.5 in (600 mm)



DDW Double disc
roller 23.5 in
(600 mm)

XTender

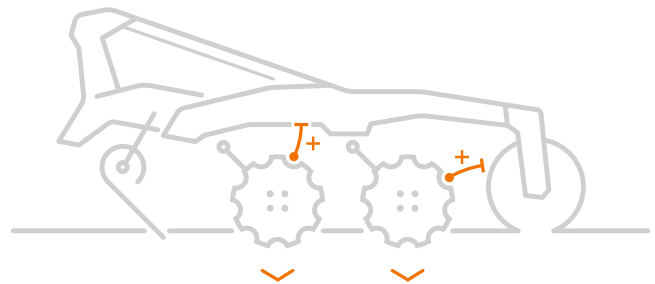
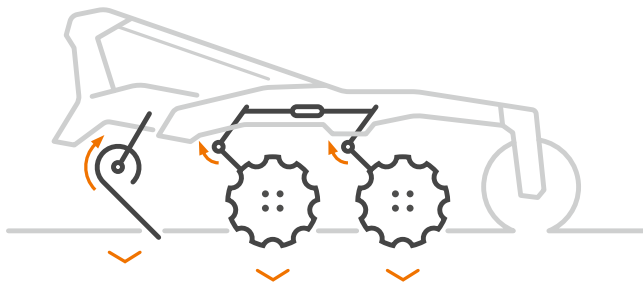


FTender



Smart Frame System for Catros 03

The Smart Frame System from AMAZONE is a completely new way of obtaining depth adjustment for compact disc harrows. The entire row of discs is rotated to adjust the working depth. Discs are either rotated away from the frame to work deeper or up towards the frame to work at more shallow depths. The main frame always remains parallel to the ground.



Simple, easy configuration and adjustment of the working depth

- ✔ Depth of the front tools and main working section can be adjusted independently
- ✔ The first and second row of discs always work at the same depth
- ✔ Conveniently change the working depth in an instance, to work deeper in ruts or on the headland for example

Considerable throughput, always perfectly adapted to the working depth

- ✔ The distance between the discs and the main frame automatically increases the deeper you work. When the working depth is increased, the discs are rotated away from the frame and the rear roller.



Catros^{XL} 8003-2TX with knife roller





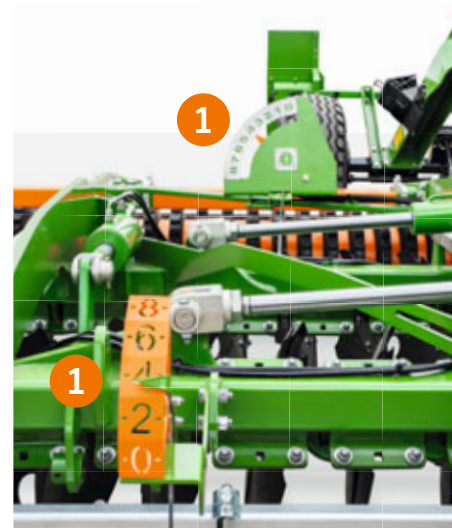
Catros^{XL} 6003-2TS at minimum disc depth
The discs are completely swiveled up towards the frame



Catros^{XL} 6003-2TS at maximum disc depth
The discs are completely swiveled down from the frame

A top advantage of the Catros 03 is the Smart Frame System with flexible working depth adjustment of the individual tools

- ✔ Independent adjustment of the front tool and the discs
 - ✔ Independent adjustment of the front tool and the discs in relation to the frame
-
- ✔ The Smart Frame System offers maximum convenience in combination with continuously adjustable hydraulic working depth
 - ✔ There is no need to leave the cab to change the working depth
 - ✔ The onboard depth scale displays the current settings, which are completely visible from the tractor seat (1)
 - ✔ The front tools and the discs are adjusted independently, while the rear harrow settings remain unchanged when the working depth is changed (2)



The right disc for each task!



Catros+ 20 in (510 mm)
(smooth)



Catros+ 20 in (510 mm)
(fine serrated)



Catros+ 20 in (510 mm)
(coarse serrated)

Working depths
from 2 – 5.5 in (5 – 14 cm)



Catros^{XL} 24 in
(610 mm) (coarse serrated)

Working depths
from 2 – 6.25 in (5 – 16 cm)



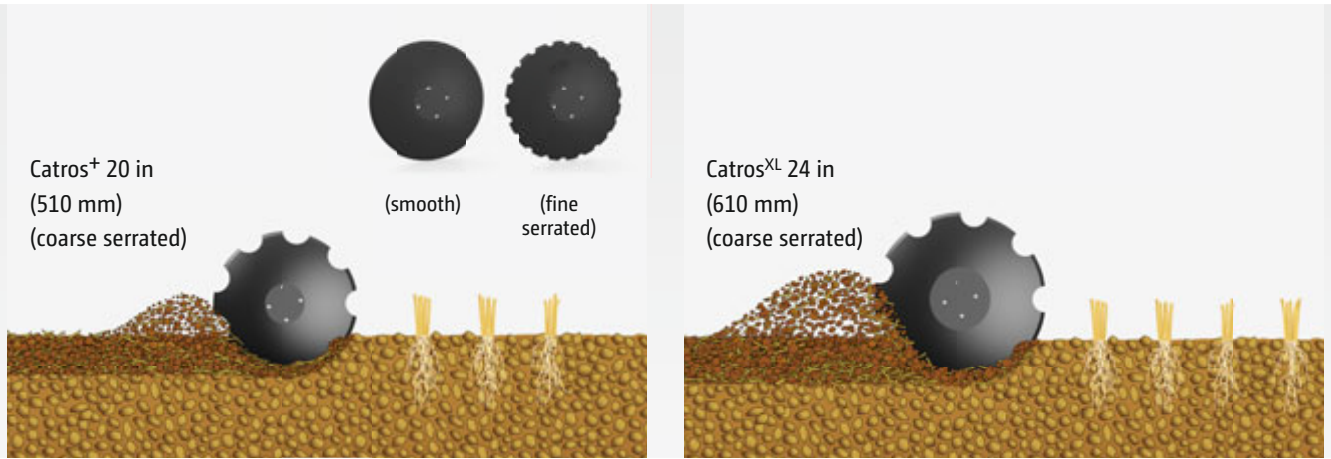
Certos 26 in (660 mm)
(coarse serrated)

Working depths from
2.75 – 8 in (7 – 20 cm)



Exceptionally low fuel consumption

Working speeds from 6 to 11 mph (10 to 18 km/h) are easily achieved with the Catros and Certos compact disc harrows. This enables you to achieve incredibly high productivity rates and keep operating time down to a minimum. Keeping fuel costs low, minimizing wear and tear, and being able to make necessary repairs are additional important factors for profitable farming.



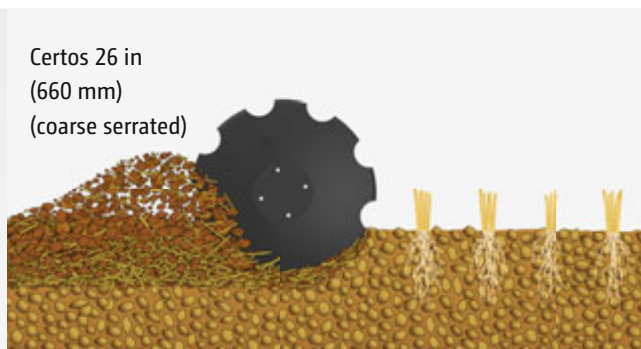
Catros⁺ discs – for more thorough mixing

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.

- ✔ Working depths from 2 to 5.5 in (5 to 14 cm)
- ✔ Disc thickness 0.2 in (5 mm) / disc diameter 20 in (510 mm) / fine or coarse serrated
- ✔ Universal use for more intensive incorporation
- ✔ More aggressive operation
- ✔ Incorporation of organic fertilizers

Certos discs – for medium-deep soil tillage

The 26 in (660 mm) diameter Certos discs are especially well-suited for medium-deep and intensive soil tillage down to 8 in (20 cm). Large-diameter discs enable incorporation of large amounts of corn stubble, sunflower residue, cover crops, or tilled grassland with ease. Furthermore, Certos discs work ideally even under extreme conditions — such as on hard and dry soils.



Catros^{XL} discs – for large amounts of organic matter

The 24 in (610 mm) serrated Catros^{XL} discs achieve deeper cultivation with maximum mixing potential. Perfect penetration, even under the most extreme conditions, guarantees both working depths of up to 6.25 in (16 cm) and homogeneous mixing.

- ✔ Working depths from 2 to 6.25 in (5 to 16 cm)
- ✔ Disc thickness 0.25 in (6 mm) / disc diameter 24 in (610 mm) / coarse serrated
- ✔ Extra space between the second row of discs and the roller
- ✔ Optimal for tilling under cover crops and corn residue

- ✔ Working depths from 2.75 to 8 in (7 to 20 cm)
- ✔ 26 in (660 mm) disc diameter / coarse serrated
- ✔ Good penetration even on heavy soils thanks to the equipment's high gross weight
- ✔ Deeper, more thorough tillage and renovation of pasture land

X-Cutter disc for very shallow soil tillage

Maximum shredding capacity and mixing power for the Catros compact disc harrow



The special wave-shaped profile of the X-Cutter disc moves the full surface at a shallow working depth

Video: Catros^{XL} 3003 with X-Cutter discs at work
www.amazone.net/yt-catrosxl3003-x-cutter-disc





X-Cutter disc with wave-shaped profile



Catros^{XL} 3003 with X-Cutter disc, knife roller and GreenDrill

X-Cutter disc

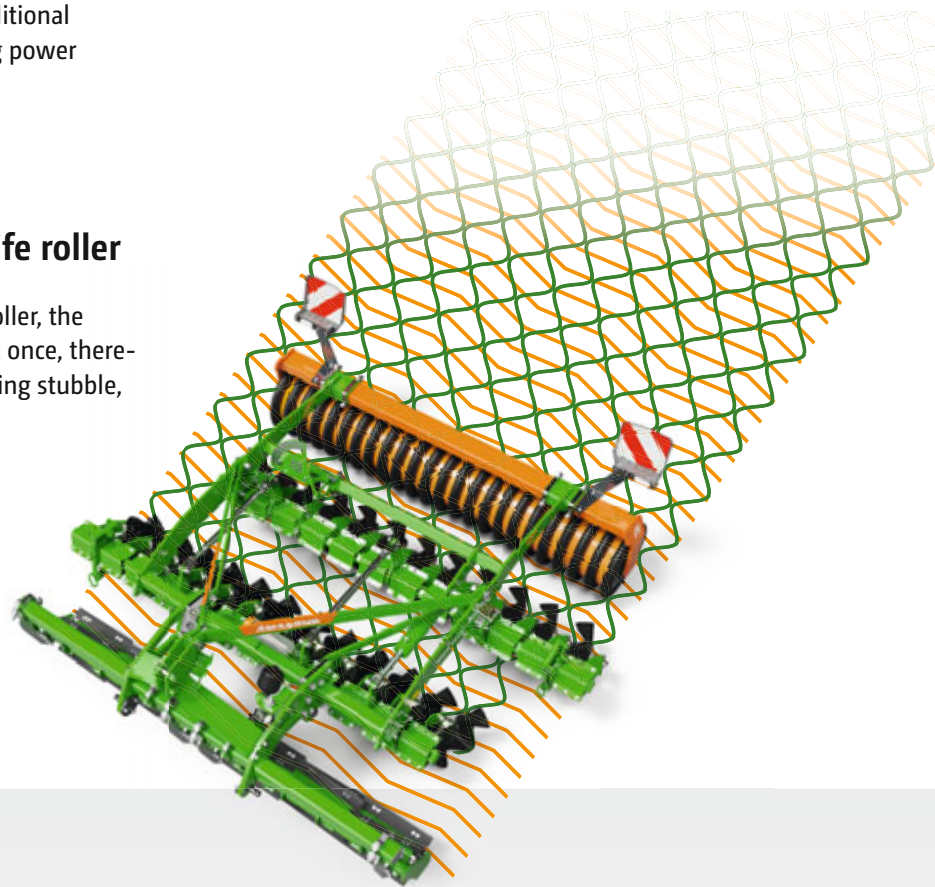
X-Cutter discs have a diameter of 19 in (480 mm) that enables them to reach high peripheral speeds and perform optimally at working depths from 0.75 to 3.1 in (2 to 8 cm). Their special wave-shaped profile maintains full-surface cultivation across the entire working width, even at these very shallow working depths. The special disc profile has been designed to ensure that the entire contact area is moved vigorously and mixed thoroughly close to the surface to guarantee faster decomposition. This provides optimum conditions for the upcoming crop. An additional advantage of the X-Cutter disc is its low pulling power requirements.



Optimally combined with the knife roller

By combining the X-Cutter disc and the knife roller, the Catros generates cutting in several directions at once, thereby increasing lengthwise and crosswise shredding stubble, straw, and catch crops.

Optimum shallow chopping and mixing

Very shallow tillage plays an increasingly important role when it comes to careful management of water balance in the soil. Shallow tillage significantly reduces loss of valuable soil moisture through evaporation, particularly in hot and dry summers. Much less soil is moved than with other discs, which need to operate at greater depths to move the full soil profile.

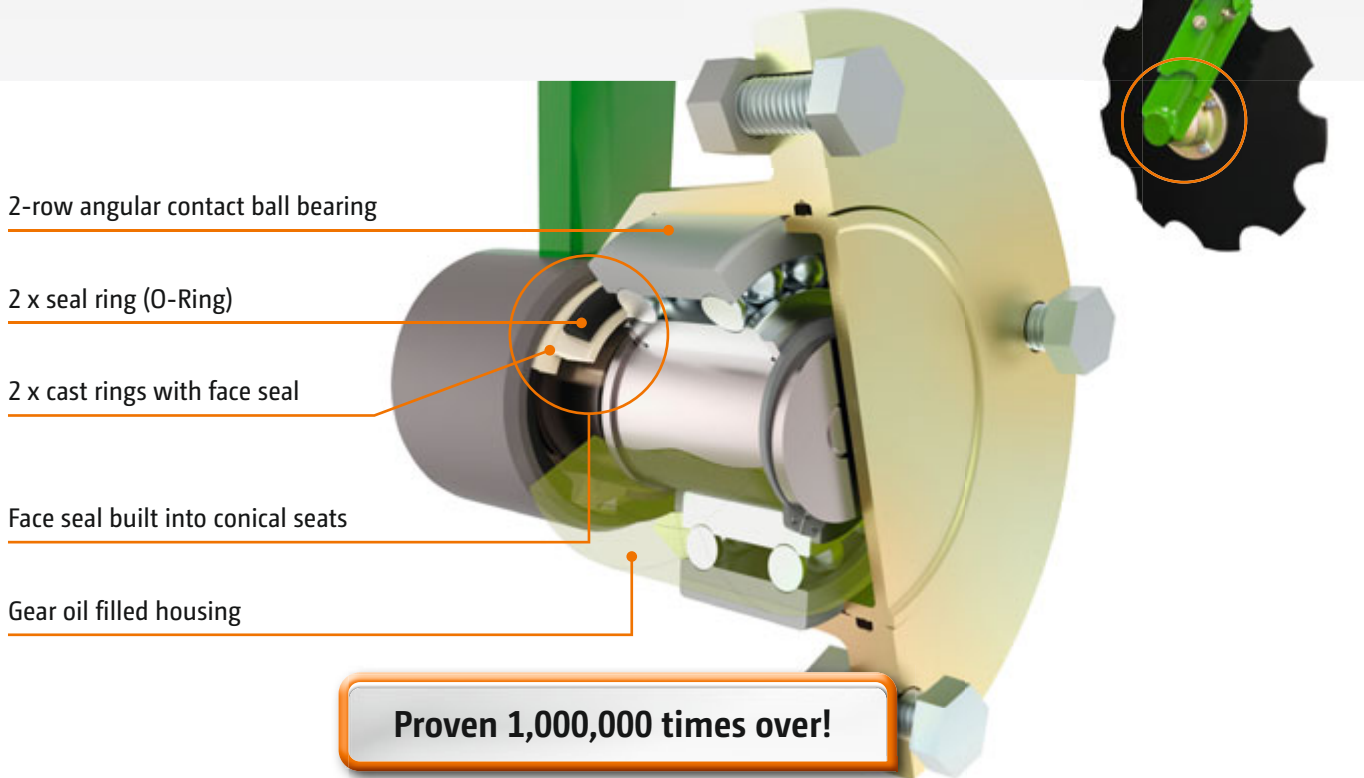


-  Knife roller
-  X-Cutter disc

When the up-front knife roller and the X-Cutter disc are used in conjunction, they combine to provide multi-directional cutting that maximizes shredding of organic matter, even if large amounts are involved

Disc Bearing

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, overall maintenance time is greatly reduced. Face seals have been used in road construction for decades. Equipment where rollers on the running gear of caterpillar-tracked vehicles have to be

effectively sealed and work with complete reliability under the toughest of operational conditions.

❗ "It is amazing that none of the disc bearings on the machine require any lubrication."

(Agratechnik magazine · 08/2012)

The benefits

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

Individual disc suspension

For an optimum soil contour following

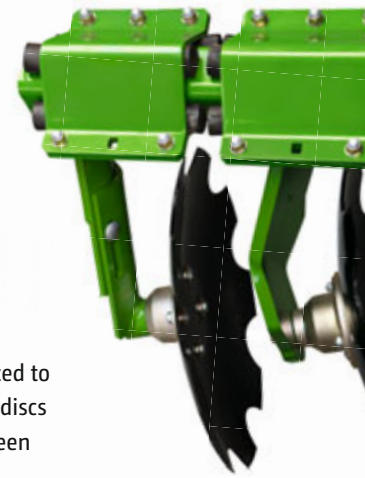
Aggressively angled discs

The Catros⁺ and Catros^{XL} discs are mounted especially aggressive with an angle of 17° for the front row of discs and 14° for the rear row of discs. This ensures a smooth transfer of the soil/organic matter mix from the first to the second row of discs for first-class mixing of soil and plant material. Compared with flat angled discs, the discharge angle in this aggressive disc arrangement is noticeably smaller. This ensures that the cultivated soil/organic matter mix is redeposited on the soil surface well ahead of the rear roller.

Perfect – individually suspended discs

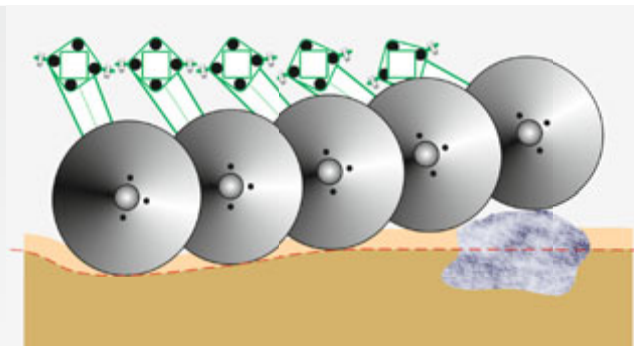
On all models, be it a Catros⁺, Catros^{XL} or Certos, each individual disc is suspended from the frame by elastic rubber buffer blocks. This offers a huge advantage over machines with a rigid disc suspension, since each concave disc can individually follow the contours of the soil. In particular, this 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.

- ✓ The slotted holes can be utilized to adjust the depth of the outer discs to ensure clean join-up between one pass and the next.



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.



- ✓ Practically oriented, down to the last detail:
Individual disc arm contour adaptation and overload protection



Front tools for optimum field maintenance

The right combination for any application

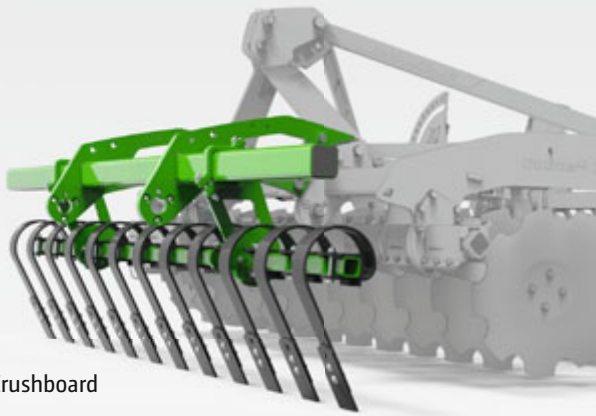


Catros^{XL} with knife roller in canola stubble

An increasing number of extreme weather events and strict regulation of the use of herbicides are changing the way crops are managed. The importance of better field maintenance will continue to increase to ensure that crops get off to the best start and to generate optimal conditions for early plant growth. With this in mind, Amazone offers a wide selection of front tools for the Catros compact disc harrow - to ensure that each farm finds the right solution.



Catros^{XL} 6003-2TS with front knife roller



Crushboard



Knife roller

Soil-working options	Catros+ 3003	Catros ^{XL} 3003	Catros+ 4003-2 5003-2 6003-2 7003-2	Catros+ 4003-2TS 5003-2TS 6003-2TS 7003-2TS	Catros ^{XL} 5003-2TS 6003-2TS	Catros+ 7003-2TX 8003-2TX 9003-2TX	Catros ^{XL} 7003-2TX 8003-2TX	Catros+ 12003-2TS	Certos 5002-2TX 6002-2TX 7002-2TX
Crushboard	○	○	-	○	-	-	-	-	-
Knife roller	○	○	-	○	○	○	○	-	-
Guide wheels	-	-	-	○	○	●	●	●	●

● Standard ○ Optional



Catros^{XL} 8003-2TX with guide wheels

Crushboard

Better leveling and crumbling



Catros+ 3003 working with the Crushboard



Catros+ 3003 with Crushboard

Equipping a compact disc harrow with the Crushboard achieves thorough soil crumbling and leveling, an ideal solution for seedbed preparation. The Crushboard also offers a series of advantages during stubble cultivation. For example, it shreds canola pods, while volunteer oilseed canola is encouraged to germinate. Canola, sunflower and corn stubble is broken apart by the Crushboard, speeding up the straw rotting process.

The Crushboard can be adjusted independently of the working depth of the disc section. The working depth and subsequent crumbling effect of the Crushboard is hydraulically adjusted from the tractor seat. This system allows the driver to tailor the setting to the respective field conditions.

Advantages of the Crushboard

- ✔ Comes standard with convenient, continuously variable hydraulic depth adjustment and an easy-to-read scale
- ✔ Improved crumbling and leveling



Large clods of earth are broken up by the Crushboard in front of the disc section, thereby improving work

Knife roller

Shredding and incorporation of crop residues or cover crops



Catros^{XL} 6003-2TS with knife roller

❗ "The knife roller simply makes sure that the whole plant is broken up and shredded a second time. It just looks better!"

(Bernd Stricker, farmer - 04/2021)

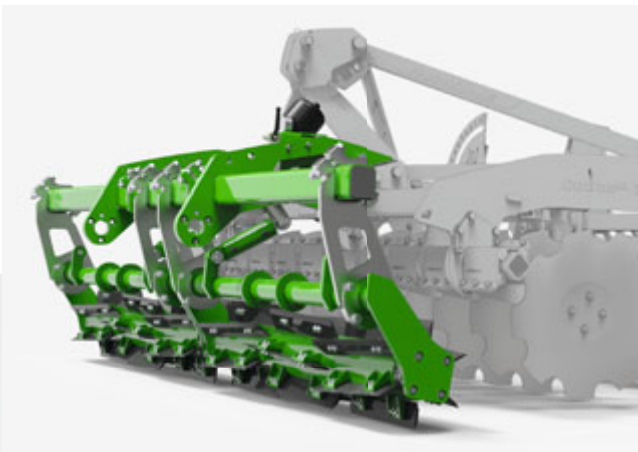
Catros^{XL} 8003-2TX with knife roller

The front knife roller on the AMAZONE compact disc harrow provides maximum flexibility for optimum soil tilling. The knife roller not only facilitates shallow soil tillage, but also shreds stubble simultaneously, making it the perfect tool for the initial stage of stubble cultivation in canola fields, among other crops. It is also ideal for working in tall cover crop, corn or sunflower stubble. In particular, long stubbles are cut transversely to the direction of travel and then incorporated with the subsequent disc element.

The user can lower the roller into its working position from the tractor seat while the tractor is in motion. Dividing the knife roller into segments allows the roller to follow the ground contours perfectly, even on uneven terrain, and makes it possible to effectively shred any crop residues on the ground across the entire working width.

Advantages of the knife roller

- ✔ High circumferential speed with a roller diameter of 13 in (330 mm) achieves optimum shredding results
- ✔ Excellent contour following using individual roller segments
- ✔ No side pull during work, since the blades are arranged in a V-shape on the roller
- ✔ Maintenance-free bearings with a long service life thanks to a metallic face seal
- ✔ Enclosed design of the roller center shaft protects against rocks and dirt
- ✔ Reversible knives with two cutting edges made of tempered drill steel cut operating costs in half thanks to decreased wear



Advantages of the 13 in (330 mm) diameter knife roller

The TS chassis

Bogey chassis for transportation by road

25 mph
(40 km/h)



Catros⁺ 7003-2TS breaking up stubble

Bogey chassis – convenient road travel!

The basic version of the Catros-2TS can be provided with working widths from 13 to 23 ft (4 to 7 m) and includes a bogey chassis mounted to the rear of the machine. The weight of the chassis can be used to increase penetration in heavy soils. The TS chassis also serves to provide vibration damping under extreme conditions. However, it is not required for turning at the headland. The machine can easily turn on the roller.



Product video: Catros^{XL} 03-TS
QR code to access the video



The TX chassis

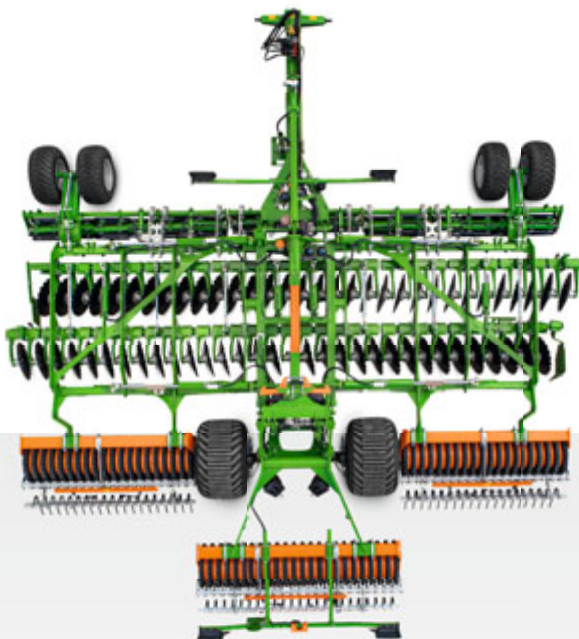
The central running gear for increased working widths



Catros^{XL} 8003-2TX breaking up stubble

Central running gear – smooth operation and easy handling!

The standard equipment of the Catros-2TX trailed machines has working widths of 23 ft, 26 ft and 29.5 ft (7 m, 8 m and 9 m) and includes the central running gear. This ensures smooth travel, because it splits the weight of the running gear evenly between the disc modules and the rear rollers. On public roads, the central transportation axle is fitted with wide tires to ensure smooth and comfortable transportation. The central running gear makes Catros-2TX machines extremely maneuverable.



Product video: Catros⁺ 03-TX
QR code to access the video



The roller range – reconsolidation and depth control



Description, diameter		SW cage roller* 20.5 in (520 mm)	SW cage roller 23.5 in (600 mm)	Angle profile roller* WW 22.8 in (580 mm)	UW U-Profile roller 22.8 in (580 mm)	DW disc roller 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)	275 lb (125 kg)	483 lb (219 kg)	
Rear harrow	optional	optional	optional	optional	optional	

Other options



Spring-mounted knife system



Spring-mounted clearing system

- less suitable
○ suitable

+ well suited
++ very well suited



* only available in 9.8 ft (3 m)

Roller bearings

All rear rollers on AMAZONE compact disc harrows 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.



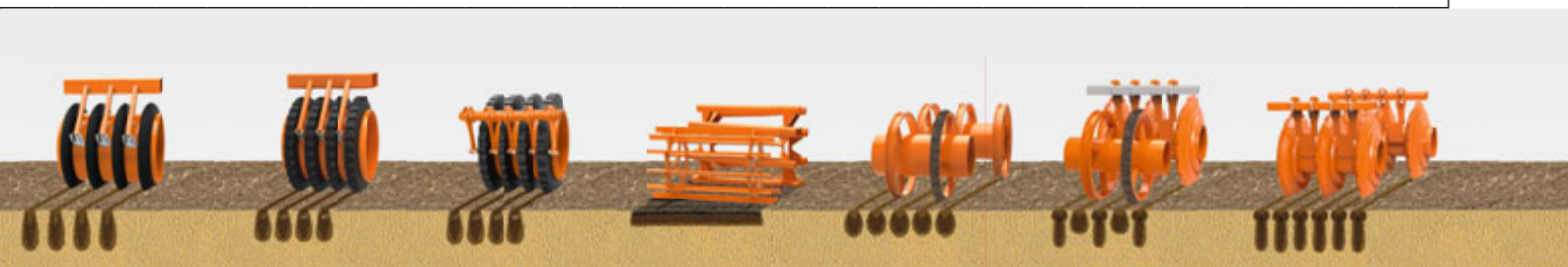
HD roller bearings

The roller bearings are now also available in an HD version to guarantee maximum operational reliability and an extremely long service life.

- ✔ A metal face seal to ensure extremely long service life
- ✔ Completely maintenance-free with lifelong lubrication thanks to the gear oil filling
- ✔ Roller bearings instead of ball bearings to increase robustness and wear resistance



- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++
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 9.8 ft (3 m)

Combination of rear roller and harrow



The perfect supplement for seedbed preparation

AMAZONE compact disc harrows can be equipped with a following harrow compatible with a variety of rollers to facilitate seedbed preparation for corn or sugar beets.

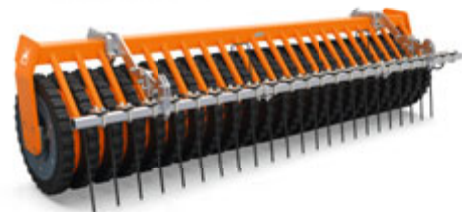
The following harrow crumbles the soil to obtain a very fine finish that is ideal for crop germination. An additional advantage when using the harrow is the optimized straw distribution.



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 following rollers

* Please note! Turning on the rear roller is not possible in conjunction with TS running gear.

! "The wide variety of equipment options – which also include eleven roller types – offer potential well beyond just stubble cultivating."

("profi" – Test report on the Catros^{XL} 3003 · 07/2021)

Overview of Catros and Certos compact disc harrows

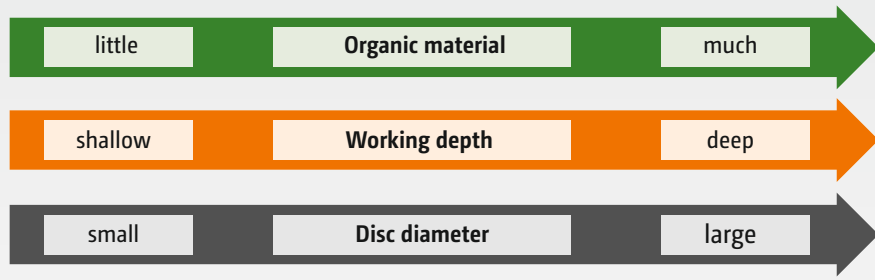
 Catros⁺ 3003

 Catros⁺ 5003-2

 Catros⁺ 7003-2TS with bogey chassis


Catros mounted and trailed compact disc harrows
working width 8.2 to 23 ft (2.5 to 7 m)

Model		see Page 30			
		Catros ⁺ 2503 3003 3503 4003	Catros ^{XL} 3003 3503 4003	Catros ⁺ 4003-2 5003-2 6003-2 7003-2	Catros ⁺ 4003-2TS 5003-2TS 6003-2TS 7003-2TS
Working width (ft (m))	8.2 (2.50)	●	–	–	–
	9.8 (3.00)	●	●	–	–
	11.8 (3.50)	●	●	–	–
	13 (4.00)	●	●	●	●
	16.5 (5.00)	–	–	●	●
	19.7 (6.00)	–	–	●	●
	23 (7.00)	–	–	●	●
	26 (8.00)	–	–	–	–
	29.5 (9.00)	–	–	–	–
39 (12.00)	–	–	–	–	
Disc diameter (in (mm))	19 (480)	–	●	●	●
	20 (510)	●	–	●	●
	24 (610)	–	●	–	–
	26 (660)	–	–	–	–
Frame design	rigid		folding		



Catros+ 7003-2TX with central running gear



Catros+ 12003-2TS with bogey chassis



Certos 6002-2TX with central running gear



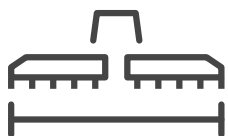
Catros trailed compact disc harrows
working width 23 to 39 ft (7 to 12 m)

Certos heavy trailed compact disc harrow
working width 16.5 to 23 ft (5 to 7 m)

see Page 38				see Page 46
Catros ^{XL} 5003-2TS 6003-2TS	Catros ⁺ 7003-2TX 8003-2TX 9003-2TX	Catros ^{XL} 7003-2TX 8003-2TX	Catros ⁺ 12003-2TS	Certos 5002-2TX 6002-2TX 7002-2TX
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
●	-	-	-	●
●	-	-	-	●
-	●	●	-	●
-	●	●	-	-
-	●	-	-	-
-	-	-	●	-
-	●	-	-	-
-	●	-	●	-
●	-	●	-	-
-	-	-	-	●
folding				folding

Catros compact disc harrows

A mounted compact disc harrow or trailed compact disc harrow with TS bogey chassis



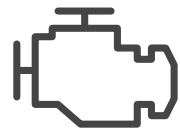
8.2 to 23 ft (2.5 to 7 m)



0.75 to 6.25 in (2 to 16 cm)



up to 11 mph (18 km/h)



starting at 75 hp

The benefits at a glance:

- + Easy pulling, starting at 8.2 ft. (2.5 m) working width with a tractor power requirement starting at just 75 hp
- + Central and simple mechanical working depth adjustment on the left-hand side of the machine
- + Working depth adjustment with the Smart Frame System that includes a scale to read the working depth
- + Maintenance-free disc bearings with face seals and lifelong lubrication
- + Maintenance-free stone safety protection via rubber sprung buffer blocks
- + Standard with individual disc suspension for optimal contour following and excellent throughput
- + Folding and adjustable side discs for perfect matching on each pass
- + The GreenDrill seeder box can be ordered optionally

MORE INFORMATION

<https://amazone.net/compact-disc-harrows>



PRODUCT FILM
Find out more



SMARTLEARNING
www.amazone.net/smartlearning

Catros⁺ 03

Mounted compact disc harrow with a wide variety of optional specifications



Catros⁺ 20 in
(510 mm)
(smooth)



Catros⁺ 20 in
(510 mm)
(fine serrated)



Catros⁺ 20 in
(510 mm)
(coarse serrated)



Catros⁺ 3003

The Catros⁺ 03 mounted compact disc harrow is ideal for fast, shallow and thorough soil mixing and tillage. This extremely simple and favorably priced mounted compact disc harrow, with working depths from 0.75 to 5.5 in (2 to 14 cm), is the ideal entry-level model for small- to medium-sized farms.

Model	Working width
Catros ⁺ 2503	8.2 ft (2.5 m)
Catros ⁺ 3003	9.8 ft (3.0 m)
Catros ⁺ 3503	11.8 ft (3.5 m)
Catros ⁺ 4003	13 ft (4.0 m)



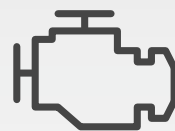
8.2 to 13 ft (2.5 to 4 m)



0.75 to 5.5 in (2 to 14 cm)



up to 11 mph (18 km/h)



starting at 75 hp

Catros^{XL} 03

XL performance when working in catch crops



X-Cutter disc with wave-shaped profile
19 in (480 mm)



Catros^{XL} 24 in (610 mm)
(coarse serrated)



Catros^{XL} 3003

AMAZONE offers a rigid compact disc harrow in working widths of up to 13 ft (4 m) with a 3-point hitch compatible with the Catros^{XL} 03. The machine is ideally suited for farms with large amounts of harvest residue and heavy soil where deeper working depths are required to mix organic matter.

Model	Working width
Catros ^{XL} 3003	9.8 ft (3.0 m)
Catros ^{XL} 3503	11.8 ft (3.5 m)
Catros ^{XL} 4003	13 ft (4.0 m)



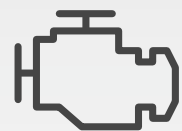
9.8 to 13 ft (3 to 4 m)



2 to 6.25 in (5 to 16 cm)



up to 11 mph (18 km/h)



starting at 120 hp

Catros⁺ 03-2

Folding compact disc harrow for shallow soil tillage



Catros⁺ 5003-2 in stubble tillage



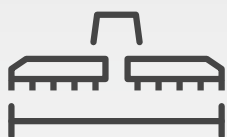
X-Cutter disc with wave-shaped profile 19 in (480 mm) Catros+ 20 in (510 mm) (smooth) Catros+ 20 in (510 mm) (fine serrated) Catros+ 20 in (510 mm) (coarse serrated)



Catros+ 5003-2

The folding mounted compact disc harrow Catros+ 03-2 is ideally suited for shallow stubble cultivation. The 20 in (510 mm) discs penetrate well into the soil and ensure shallow and thorough mixing and soil tillage. The X-Cutter, which is also available from AMAZONE, offers a special disc for very shallow soil tillage from 0.75 to 3.1 in (2 to 8 cm). Front tools can not be used with the mounted, folding models.

Model	Working width
Catros+ 4003-2	13 ft (4.0 m)
Catros+ 5003-2	16.5 ft (5.0 m)
Catros+ 6003-2	19.7 ft (6.0 m)
Catros+ 7003-2	23 ft (7.0 m)



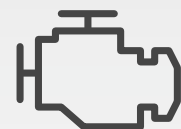
13 to 23 ft (4 to 7 m)



0.75 to 5.5 in (2 to 14 cm)



up to 11 mph (18 km/h)



starting at 125 hp

Catros⁺ 03-2TS

The trailed compact disc harrow with bogey chassis



X-Cutter disc with wave-shaped profile
19 in (480 mm)



Catros⁺ 20 in (510 mm) (smooth)



Catros⁺ 20 in (510 mm) (fine serrated)



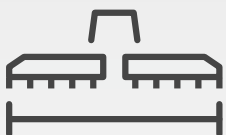
Catros⁺ 20 in (510 mm) (coarse serrated)



Catros⁺ 7003-2TS

The folding mounted compact disc harrow Catros⁺ 03-2TS is ideally suited for shallow stubble cultivation. The 20 in (510 mm) discs penetrate well into the soil and ensure shallow and thorough mixing and soil tillage. The X-Cutter, which is also available from AMAZONE, offers a special disc for very shallow soil tillage from 0.75 to 3.1 in (2 to 8 cm). The bogey chassis allows the Catros to be combined with a variety of front tools.

Model	Working width
Catros ⁺ 4003-2TS	13 ft (4.0 m)
Catros ⁺ 5003-2TS	16.5 ft (5.0 m)
Catros ⁺ 6003-2TS	19.7 ft (6.0 m)
Catros ⁺ 7003-2TS	23 ft (7.0 m)



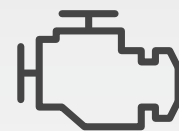
13 to 23 ft (4 to 7 m)



0.75 to 5.5 in (2 to 14 cm)



up to 11 mph (18 km/h)



starting at 125 hp



Catros^{XL} 24 in
(610 mm)
(coarse serrated)

Catros^{XL} 03-2TS

The XL version of the trailed compact disc harrow with bogey chassis



Catros^{XL} 6003-2TS

The Catros^{XL} 03-2TS is an XL model of the trailed compact disc harrow with bogey chassis available with 24 in (610 mm) discs and a working depth of up to 6.25 in (16 cm). The increased distances between the two rows of discs and the roller provide a high degree of clearance for organic matter. The additional weight of the machine ensures a high degree of penetration in dry soils.

Model	Working width
Catros ^{XL} 5003-2TS	16.5 ft (5.0 m)
Catros ^{XL} 6003-2TS	19.7 ft (6.0 m)



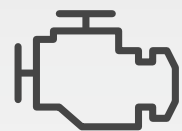
16.5 to 19.7 ft (5 to 6 m)



2 to 6.25 in (5 to 16 cm)



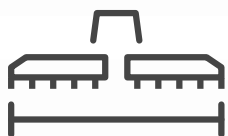
up to 11 mph (18 km/h)



starting at 160 hp

Trailed compact disc harrows

The Catros-2TX and Catros 12003-2TS – the professional's choice



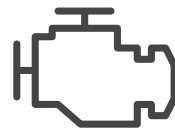
23 to 39 ft (7 to 12 m)



0.75 to 6.25 in (2 to 16 cm)



up to 11 mph (18 km/h)



starting at 210 hp

The benefits at a glance:

- + Easy pulling, starting at 23 ft (7 m) working width with a tractor power requirement starting at 210 hp
- + The TX central running gear offers high maneuverability and comfort during road transport
- + Comfortable hydraulic working depth adjustment via the Smart Frame System including a scale for reading the working depth
- + ContourFrame for optimum ground contour following of each individual section
- + Maintenance-free disc bearings with face seals and lifelong lubrication
- + Maintenance-free stone safety protection via rubber sprung buffer blocks
- + Individual disc suspension for optimized contour following and excellent throughput
- + The GreenDrill seeder box can be ordered optionally

MORE INFORMATION

<https://amazone.net/compact-disc-harrows>



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SMARTLEARNING
www.amazone.net/smartlearning

Catros⁺ 03-2TX

The professional machine for maximum work rates



X-Cutter disc with wave-shaped profile
19 in (480 mm)



Catros⁺ 20 in (510 mm) (smooth)



Catros⁺ 20 in (510 mm) (fine serrated)



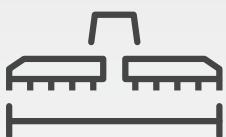
Catros⁺ 20 in (510 mm) (coarse serrated)



Catros⁺ 8003-2TS cultivating stubble

The Catros⁺-2TX trailed compact disc harrow is ideal for shallow and intensively mixing the soil. The central running gear provides high machine maneuverability and allows for safe and quick road travel, despite working widths of 23 to 29.5 ft (7 to 9 m). The extremely smooth running and low pulling power requirement ensure maximum driving comfort with maximum performance and working depths of 0.75 to 5.5 in (2 to 14 cm).

Model	Working width
Catros ⁺ 7003-2TX	23 ft (7.0 m)
Catros ⁺ 8003-2TX	26 ft (8.0 m)
Catros ⁺ 9003-2TX	29.5 ft (9.0 m)



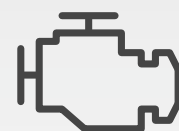
23 ft to 29.5 ft (7 to 9 m)



0.75 to 5.5 in (2 to 14 cm)



up to 11 mph (18 km/h)



starting at 210 hp

Catros^{XL} 03-2TX

XL efficiency brought to stubble tillage



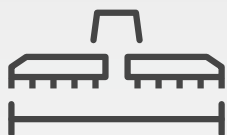
Catros^{XL} 24 in (610 mm) (coarse serrated)



Catros^{XL} 8003-2TX stubble cultivating with a top-mounted GreenDrill for catch crop sowing

The Catros^{XL} 03-2TX is an XL model of the trailed compact disc harrow with central running gear available with a working depth of up to 6.25 in (16 cm). The most outstanding feature of the XL variant of the Catros 03-2TX is the ability to handle large amounts of organic matter, made possible by its large 24 in (610 mm) discs and the greater distances between the rows of discs and between the last row of discs and the roller. The machine is also ideally suited for work in heavy soil.

Model	Working width
Catros ^{XL} 7003-2TX	23 ft (7.0 m)
Catros ^{XL} 8003-2TX	26 ft (8.0 m)



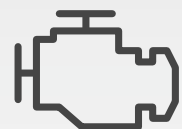
23 to 26 ft (7 to 8 m)



2 to 6.25 in (5 to 16 cm)



up to 11 mph (18 km/h)



starting at 280 hp

Pure efficiency – the Catros⁺ 12003-2TS



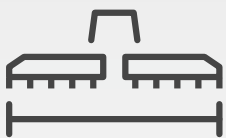
Catros⁺ 20 in
(510 mm)
(smooth)



Catros⁺ 20 in
(510 mm)
(fine serrated)



Catros⁺ 20 in
(510 mm)
(coarse serrated)



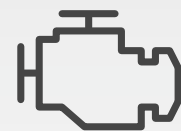
39 ft (12 m)



0.75 to 5.5 in (2 to 14 cm)



up to 11 mph (18 km/h)



starting at 360 hp



! “Three meters wide, less than four meters high, and approved for 25 mph (40 km/h): equal to fast turnaround times, even during transportation.”*
 (“profi” – driving report for AMAZONE Catros+ 12003-2TS · 12/2015)
 *Please observe country-specific traffic regulations!

Reduction of the working width to 23 ft (7 m)

Higher output! The flagship in 39 ft (12 m)

The Catros+ 12003-2TS compact disc harrow is ideal for shallow tillage and tillage with thorough mixing at working depths of 0.75 to 5.5 in (2 to 14 cm). Despite its large working width of 39 ft (12 m), its extremely low pulling power requirement makes it possible to combine very high speeds high acreage outputs. Low fuel consumption also makes it extremely economical to operate.

High performance even during transportation

The machine features a compact design despite its large working width of 39 ft (12 m). The Catros+ 12003-2TS can be folded down to a transportation width of 9.8 ft (3 m) and a height of 13 ft (4 m) for road transportation.

Easy adjustment

The working depth can be quickly and easily adjusted at just one point per disc segment. Each section is equipped with a hydraulic cylinder, where the range of travel of the piston rod is limited by spacers that swivel in and out. Here, the front and the rear disc rows adjust themselves automatically. In-cab hydraulic working depth adjustment is also available.

The working width can also be temporarily reduced to 23 ft (7 m) to improve penetration in very hard soils, e.g. on the headland.

With greater convenience!

The integrated swing compensation on the drawbar of the Catros+ 12003-2TS is extremely practical. If necessary, it can be switched on, enabling effective reduction of machine pitching or jumping. The oversized 700/50-26.5 running gear wheels give the machine excellent handling behavior on the road. For maximum convenience, AMAZONE offers an electrically-operated central lubrication system as an option.

Model	Working width
Catros+ 12003-2TS	39 ft (12.0 m)

! “The new Catros+ 12003-2TS , AMAZONE can get the best output from its discs.”
 (“profi” – driving report for AMAZONE Catros+ 12003-2TS · 12/2015)

Product video: Catros+ 12003-2TS QR code to access the video



Contour Frame

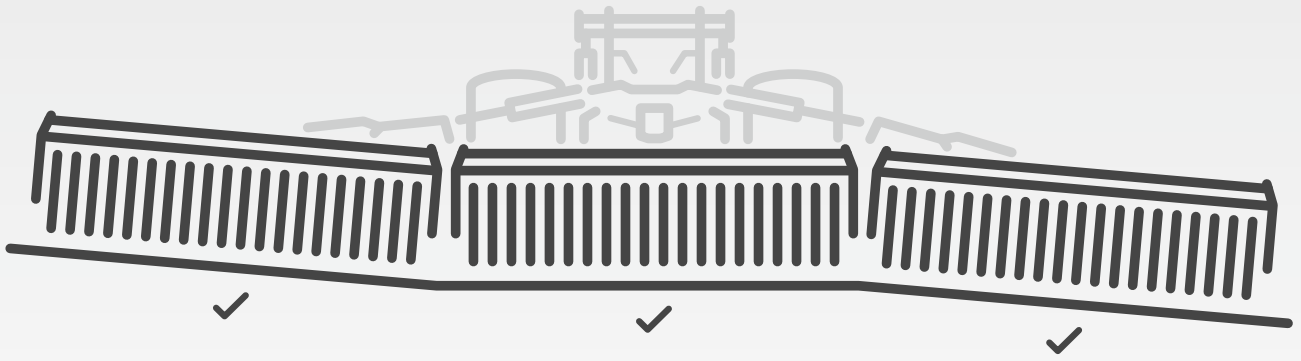
For Catros⁺-2TX and Catros⁺ 12003-2TS



Catros⁺ 8003-2TX with wedge ring roller with Matrix tire profile in 26 ft (8 m) working width

❗ "Also simple, above all, is the adjustment of the machine."
("profi" – driving report for AMAZONE Catros⁺ 12003-2TS · 12/2015)

❗ "A positive impression, in addition to the good handling, it gives, above all, an excellent ground contour following."
("profi" – driving report for AMAZONE Catros⁺ 12003-2TS · 12/2015)



Thanks to the ContourFrame, the compact disc harrow is also suitable for use on hilly terrain

Optimum ground contour following

The Catros⁺-2TX and Catros⁺ 12003-2TS trailed compact disc harrows are divided into distinct sections, each of them independently operating in order to ensure a consistent working depth — even when working on slopes or in valleys. Each of the Catros⁺-2TX models features outer sections and one center section. The Catros⁺ 12003-2TS consists of both outer and inner sections. Segment depth is controlled by the rear roller. The outer segments at the front of the Catros⁺-2TX are supported by the support wheels and the middle segment by the drawbar. The front of each segment in the Catros⁺ 12003-2TS is carried by a support wheel.

The short distance between the support wheels and the roller provides excellent contour following over hills and through valleys.

Perfect working performance

The full weight of the central running gear of the Catros⁺-2TX and the weight of the rear running gear of the Catros⁺-2TS come to bear on the discs during operation; this ensures that the discs achieve good penetration — even under tough conditions.

Smooth, even ride

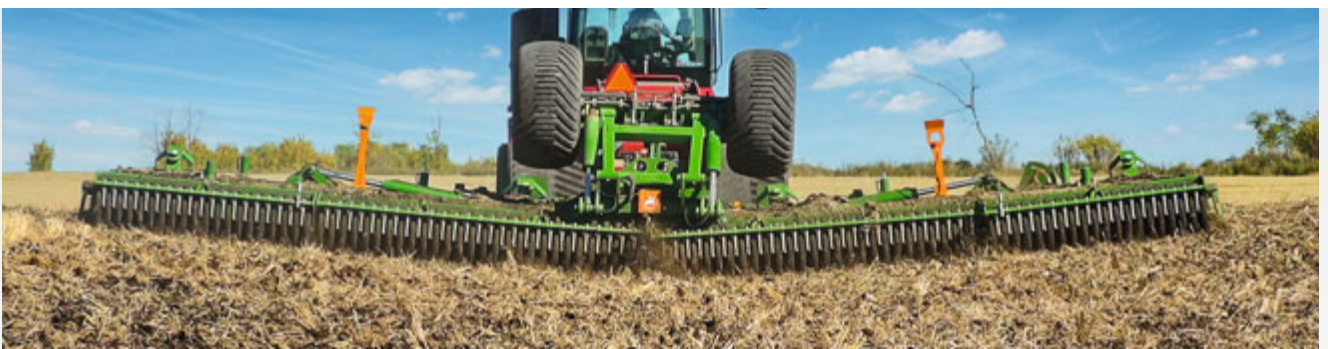
The wing sections are hydraulically pre-pressurized via hydraulic accumulators during operation. This allows the sections to follow ground contours independently, both upwards and downwards. As a result, the entire machine frame follows ground contours optimally, yielding an even work profile over the entire working width. Individual contour following allows for a smooth ride even under difficult operating conditions, thus guaranteeing an even quality of work.

❗ "The outer wings follow the ground contours better with ContourFrame."

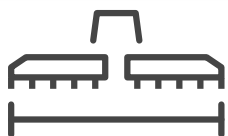
("agrarheute" – driving report for AMAZONE Catros^{XL} 8003-2TX · 03/2021)

Advantages of ContourFrame

- ✔ The ground contours are followed by the individual sections both upwards and downwards, achieving even work profiles
- ✔ Good penetration, even under tough conditions, thanks to the weight of the chassis pushing down on the discs
- ✔ The Catros-2TX trailed compact disc harrows are also available without ContourFrame as an option



Certos-2TX heavy trailed compact disc harrow



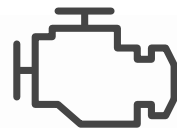
16.5 to 23 ft (5 to 7 m)



2.75 to 8 in (7 to 20 cm)



up to 9.5 mph (15 km/h)



starting at 200 hp

The benefits at a glance:

- ⊕ Maintenance-free disc bearings with face seals and lifelong lubrication
- ⊕ Maintenance-free stone safety protection via rubber sprung buffer blocks
- ⊕ Individual disc suspension for optimized contour following and excellent throughput
- ⊕ The hydraulic top tie bar absorbs side pulls, enabling smooth operation on slopes
- ⊕ Thorough mixing, incorporation and high throughput capacity for large amounts of plant residue
- ⊕ The central running gear offers high maneuverability and optimal performance
- ⊕ The large spacing between the disc segments, as well as the large spacing between the discs and following roller allows for optimum mixing
- ⊕ Hydraulic depth adjustment with an easy-to-read scale showing the working depth
- ⊕ Optional Crushboard can be installed behind the disc modules for seedbed preparation

MORE INFORMATION

<https://amazone.net/compact-disc-harrows>



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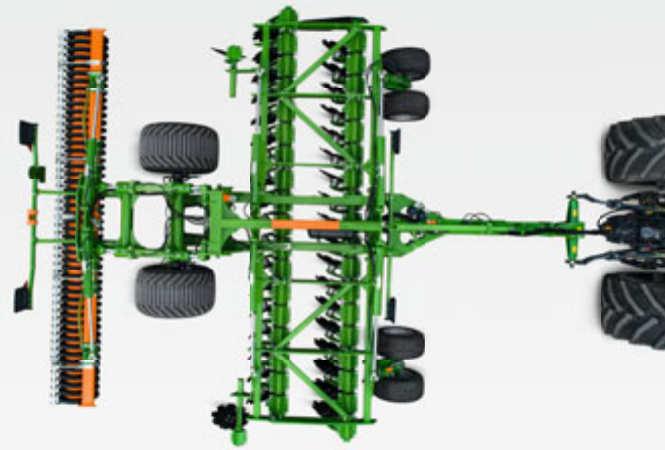
Certos 26 in (660 mm)
(coarse serrated)

Certos 02-2TX

Heavy compact disc harrows from
16.5 to 23 ft (5 to 7 m)



Perfect leveling between passes



Certos 6002-2TX

The powerful all-in-one solution

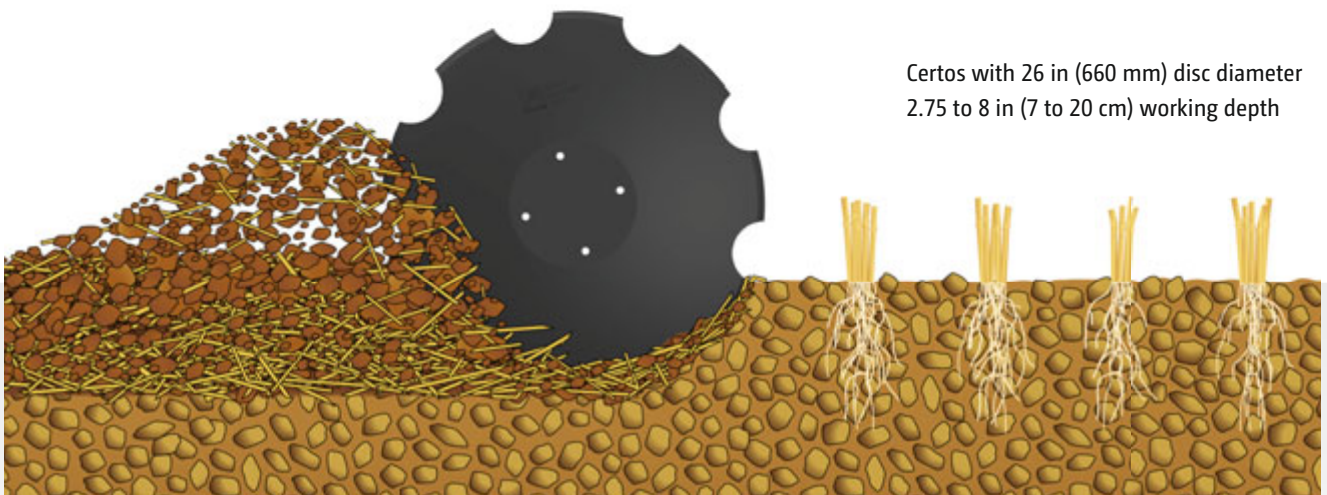
The Certos-2TX heavy trailed compact disc harrow is ideal for tilling soil with intensive mixing action and medium-deep tilling. With its 26 in (660 mm) discs, the Certos-2TX penetrates the soil down to 8 in (20 cm) and also incorporates large amounts of organic matter, blockage-free. Its wide range of applications and ample working widths of 16.5 to 23 ft (5 to 7 m) make the Certos-2TX, a powerful all-in-one solution for any farm.

Model	Working width
Certos 5002-2TX	16.5 ft (5.0 m)
Certos 6002-2TX	19.7 ft (6.0 m)
Certos 7002-2TX	23 ft (7.0 m)

For medium depth soil tilling

The 26 in (660 mm) diameter Certos discs are especially well-suited for medium-deep and intensive soil tillage down to 8 in (20 cm). Large-diameter discs enable incorporation of large amounts of corn stubble, sunflower residue, cover crops, or tilled grassland with ease. Furthermore, Certos discs work ideally even under extreme conditions — such as on hard and dry soils.

- ✔ Working depths of 2.75 to 8 in (7 to 20 cm)
- ✔ Disc thickness 0.25 in (6 mm) / disc diameter 26 in (660 mm) / coarse serrated
- ✔ Good penetration even on heavy soils thanks to the equipment's high gross weight
- ✔ Deeper, more thorough tillage and renovation of pasture land



Certos with 26 in (660 mm) disc diameter
2.75 to 8 in (7 to 20 cm) working depth

Certos – the powerful heavyweight with maximum output



Certos 6002-2TX

Individual disc suspension

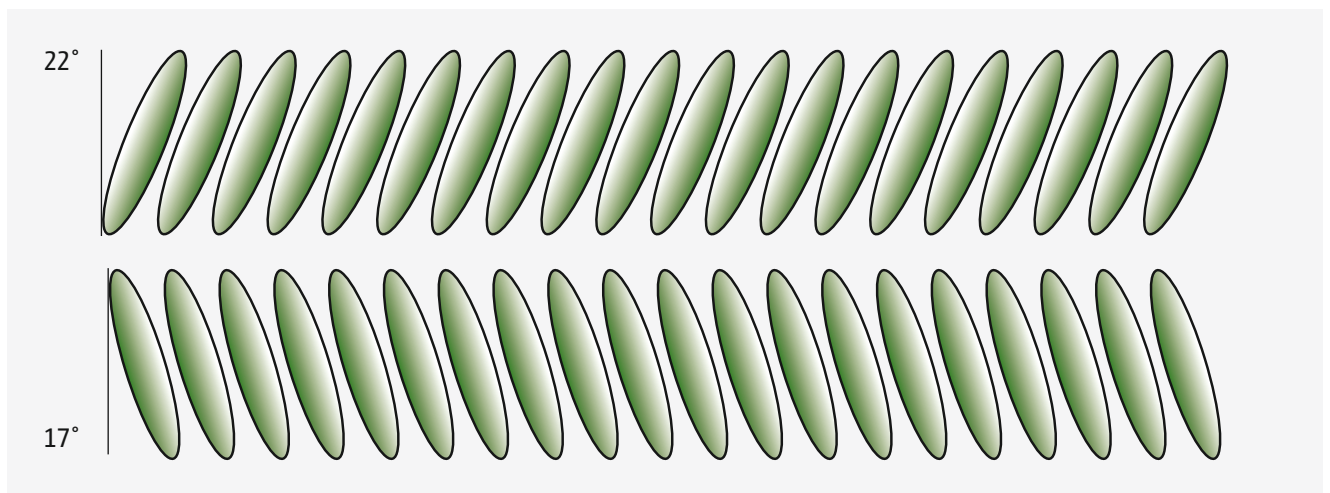
For an optimum soil contour following

Perfect working results

The disc diameter on compact disc harrows has a significant impact on the working depth and the quality of work. The extra large 26 in (660 mm) diameter serrated discs of the Certos-2TX are set at a very aggressive angle of 22° in the front row and a 17° angle on the second row. Not only does this result in an excellent working profile, even in heavy soil, but it also increases the tilling depth. Furthermore, the soil is loosened perfectly, achieving a uniform working profile between passes.



- ✔ Adjustable side discs enable clean matching under any conditions



- ✔ A v-shaped disc configuration achieves an even working depth and excellent working result

Whether shallow or deep – always fast and intensive



25 mph
(40 km/h)



Pure performance, even on the road!

Standard equipment of the Certos 02-2TX includes air brakes, so it can be transported quickly on the road at a permissible speed of 25 mph (40 km/h.). Please adhere to local traffic regulations!

- ① "It is easy to get the whole job done with the Certos, not least because the running gear is positioned between the disc rows and the roller, which comes with considerable benefits for maneuverability."

("profi" Practice report for AMAZONE Certos 4001-2TX · 07/2017)



Standard drawbar damping system

Central running gear

The integrated central running gear is equipped with 700/40-22.5, 550/45-22.5 or 400/60-22.5 tires that ensure excellent machine maneuverability, on both field and road. The position of the running gear guarantees good weight distribution and allows for the use of any AMAZONE rear roller – this means the most suitable roller for the soil conditions can be utilized.

To keep the machine from rocking, the Certos-2TX comes standard with a drawbar shock absorbance system that balances out the pressure for the situation at hand.

Hydraulic top tie bar – always on an even keel

The Certos is equipped with an additional hydraulic top tie bar, which enables it to compensate when the machine pulls sideways. The additional cylinder at the rear of the machine allows for the simple and highly sensitive correction of the machine. A double-acting spool valve can be used to adapt the machine from the tractor cab. The top tie bar is greatly beneficial for working on slopes.



Hydraulic top tie bar on Certos 6002-2TX

Hydraulic working depth adjustment

The Certos-2TX comes standard with hydraulic working depth adjustment. This offers a high degree of convenience, since it makes it possible to adjust the working depth from the tractor cab, even on the move.

Advantages of hydraulic working depth adjustment

- ✔ Till the soil only as deep as necessary, thanks to infinitely variable adjustment from the tractor cab
- ✔ Flexible and quick adaptation to the operating conditions (headland, wheel tracks, ...)
- ✔ Clearly visible scale for orientation



- ✔ Hydraulic working depth adjustment comes standard as shown above



- ✔ Manual working depth adjustment, in which spacers are used to adjust the depth, is available as an option as shown above

Equipment overview for Catros / Certos

 Catros⁺ 3003

 Catros⁺ 5003-2

 Catros⁺ 7003-2TS with
bogey chassis


Catros mounted and trailed compact disc harrows
working width 8.2 to 19.7 ft (2.5 to 6 m)

Model		Page	Catros mounted and trailed compact disc harrows working width 8.2 to 19.7 ft (2.5 to 6 m)			
			Catros ⁺ 2503 3003 3503 4003	Catros ^{XL} 3003 3503 4003	Catros ⁺ 4003-2 5003-2 6003-2 7003-2	Catros ⁺ 4003-2TS 5003-2TS 6003-2TS 7003-2TS
Hitch systems	Cat. 2	57	●	–	–	–
	Cat. 3	57	●	●	●	●
	Cat. 3-N	57	●	●	–	–
	Cat. 4-N	57	–	–	●	●
	K80	57	–	–	–	●
	Towing eye	57	–	–	–	●
pro-Pack		58	–	–	●	–
Electrically-operated central lubrication system		59	–	–	●	●
GreenDrill seeder box for fine seeds and cover crops	GD 200	61	●	●	●	–
	GD 501	61	–	–	–	●
FTender mounted front hopper		62	–	–	–	●
XTender rear hopper		62	–	–	–	●
Frame design			rigid		folding	



GreenDrill seeder box



FTender mounted front hopper 1600



XTender rear hopper 4200

Catros+ 7003-2TX with central running gear



Catros+ 12003-2TS with bogey chassis



Certos 6002-2TX with central running gear



Catros trailed compact disc harrows
working width 23 to 39 ft (7 to 12 m)

Certos heavy trailed compact disc harrows
working width 16.5 to 23 ft (5 to 7 m)

Catros ^{XL} 5003-2TS 6003-2TS	Catros ⁺ 7003-2TX 8003-2TX 9003-2TX	Catros ^{XL} 7003-2TX 8003-2TX	Catros ⁺ 12003-2TS	Certos 5002-2TX 6002-2TX 7002-2TX
-	-	-	-	-
●	●	●	●	●
-	-	-	-	-
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
-	●	-	-	-
●	●	●	●	-
-	-	-	-	-
●	●	●	-	-
●	●	●	-	-
●	●	●	-	-
folding				folding

Perfect equipment options



- ❗ "Attachment via the lower links ensures good maneuverability on the headland".

("agrarheute" – driving report for AMAZONE Catros^{XL} 8003-2TX · 03/2021)



Hitch systems for every tractor

Comprehensive and versatile mounting and drawbar options are available for all compact disc harrows and any kind 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. This allows the user to select a corresponding hitch system for any tractor, no matter what Cat. It is II, III, III-N, IV, IV-N lower or one of the various towing eye bolt sizes, or the K80 ball coupling.

For the most extreme of applications

In order to increase soil penetration depth on dry, hard soils, additional ballast weights are available as a special option. The supplementary weight set consists of four 55 lb (25 kg) weights. The maximum supplementary weight that can be added to rigid machines is 440 lb (200 kg). There is a limit of 882 lb (400 kg) for folding 3-point mounted machines and the Catros⁺-2TS models with a working width of 13 to 23 ft (4 to 7 m).

Toolbox

The optional toolbox for the Catros⁺-2TS and Catros⁺-2TX can be fitted to the drawbar and offers valuable additional storage space.



pro-Pack and central lubrication

Prepared for any challenge



Catros+ 7003- 2 with pro-Pack and harrow

pro-Pack for intensive slurry application

Amazone offers a special pro-Pack equipment option mounted directly on or attached to slurry tankers. The pro-Pack offers specialized solutions to improve the reliability and durability of machines that are constantly working with slurry, e.g. behind a self-propelled slurry tanker.

Advantages of the pro-Pack

- ✔ Components and bearings with extra protection and lubrication ensure functionality and operational reliability — even under the toughest of conditions

Model	Working width
Catros+ 5003-2 pro	16.5 ft (5.0 m)
Catros+ 6003-2 pro	19.7 ft (6.0 m)
Catros+ 7003-2 pro	23 ft (7.0 m)
Catros+ 7003-2TX pro	23 ft (7.0 m)
Catros+ 8003-2TX pro	26 ft (8.0 m)
Catros+ 9003-2TX pro	29.5 ft (9.0 m)



Slurry application after the first disc



Slurry application before the first disc



SynCult slurry distributor

SynCult slurry distributor

The SynCult slurry distributor has been developed in conjunction with Vogelsang. Using a galvanized adapter frame, the distributor and the pipe routing for the liquid manure system are rigidly mounted above the first disc row on the Catros. The liquid manure is applied to the cultivated surface behind the discs via the front disc row. The organic fertilizer is well-mixed in and covered with soil by the second disc row that follows after.



SW 600 pro cage roller

SW 600 pro cage roller

AMAZONE offers a roller specially designed for slurry spreading in the shape of the SW 600 pro cage roller. However, all the other rollers can also be used.

Double harrow

Machines with 19.7 ft and 23 ft (6 m and 7 m) working widths can also be equipped with a double harrow. This provides faster soil warming and drying. The double harrow also reduces machine weight.

Electrically-operated central lubrication system

An electrically-operated central lubrication system is available for maximum convenience. This supplies all the lubrication points automatically. Maintenance can thus be significantly reduced and reliability further improved.

Benefits of the electrically-operated centralized lubrication system

- ✔ Maximum convenience thanks to a significant reduction in maintenance requirements
- ✔ Longer machine life

Pump with reservoir

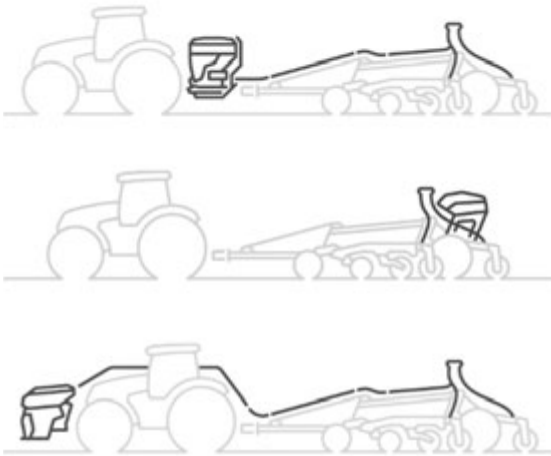


❗ "We opted for the Catros with pro-Pack, because it is currently the strongest and most robust machine on the market and our customers are very satisfied!"

(Michael Hesselbach, agricultural contractor · 04/2021)

Universal conveying systems for Catros – the choice is yours!

Combine the Catros with an optimal seeding system ...



Advantages of conveying systems with a segmented distributor head

- ✔ Optimal lateral distribution across the entire working width
- ✔ Combining different sowing systems
- ✔ High application rates possible
- ✔ Can be optionally equipped with 12 to 48 outlets
- ✔ Partial-area, site-specific sowing



Convenient operation via the ISOBUS terminal



Easy exchange of the metering rollers

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

By using the universal conveying system, multiply the possibilities of your Catros with a variety of different sowing systems. The GreenDrill 501, for example, with a hopper capacity of 14.2 bu (500 l), can be used exactly the same way as the front or rear hoppers with a capacity of 45 to 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.

Model	Hopper capacity (bu (l))
Cover crop seeder box	
GreenDrill 200	5.7 (200)
GreenDrill 501	14.2 (500)
Mounted front hopper	
FTender 1600	45 (1,600)
FTender 2200	62 (2,200)
Rear hopper	
XTender 4200	120 (4,200)
XTender-T 4200	120 (4,200)



High flexibility provided by the segmented distributor head

GreenDrill

Universal cover crop seeder box for fine seed and cover crops

Cover crop sowing and soil tillage in one pass

AMAZONE offers the GreenDrill 200 Pack top seed drills for mounted models and the GreenDrill 501 for trailed machines, opening the way to combine cover crop sowing and soil tillage.

GreenDrill seeder boxes have a capacity of either 5.7 or 14.2 bu (200 or 500 l) and are equipped with steps for easy access.

The benefits

- ✔ Apply cover crops and fine seeds directly or in combination with a soil tillage tool
- ✔ High application rates can also be achieved by means of different metering rollers
- ✔ 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 via the 5.2 in-cab terminal (GD 200)



Easy operation of the GreenDrill 200 with the 5.2 in cab terminal



- ✔ GreenDrill 200: rigid and mounted folding Catros models with a hopper capacity of 5.7 bu (200 l)



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



GreenDrill 501



FTender and XTender for Catros and Certos

Mounted front and rear hoppers for high outputs



FTender for flexible use in combination with seeding systems and soil tillage



FTender 1600 mounted front hopper with a capacity of 45 bu (1,600 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 45 or 62 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 4200 mounted hopper with a capacity of 120 bu (4,200 l)

XTender

AMAZONE offers two rear hoppers with a capacity of 120 bu (4,200 l) compatible with the XTender (mounted) and the XTender-T (trailed). Both rear models also feature a pressurized 50/50 split, so 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
- ✔ Easy access via loading board



XTender 4200 mounted hopper with a capacity of 120 bu (4,200 l) with Ceus 7000-2TX

Technical data:

Catros compact disc harrows

Catros 03 mounted compact disc harrows	Catros ⁺ 2503	Catros ⁺ 3003	Catros ⁺ 3503	Catros ⁺ 4003	Catros ^{XL} 3003	Catros ^{XL} 3503	Catros ^{XL} 4003
Working width *(ft (m))	8.2 (2.50)	9.8 (3.00)	11.8 (3.50)	13 (4.00)	9.8 (3.00)	11.8 (3.50)	13 (4.00)
Working speed (mph (km/h))	7.5–11 (12–18)				7.5–11 (12–18)		
Power requirement from (kW/hp)	55/75	66/90	77/105	91/125	88/120	103/140	118/160
Disc diameter/thickness (in (mm))	20/0.2 (510/5)				–		
Disc spacing (in (mm))	10 (250)				10 (250)		
No. of discs	2 x 10	2 x 12	2 x 14	2 x 16	2 x 12	2 x 14	2 x 16
Working depth (in (cm))	Catros ⁺ 0.75 – 5.5 (2 – 14)				Catros ^{XL} 2 – 6.25 (5 – 16)		
Transportation length with road lights (ft (m))	8 (2.40)				11 (3.34)		
Transportation width (ft (m))	9.6 (2.93)	9.8 (3.00)	11.8 (3.50)	13 (4.00)	9.8 (3.00)	11.8 (3.50)	13 (4.00)
Transportation height (ft (m))	5 (1.50)				5 (1.50)		
Weight without roller (lb (kg))	2,282 (1,035)	2,590 (1,175)	3,274 (1,485)	3,527 (1,600)	3,219 (1,460)	3,979 (1,805)	4,320 (1,960)
Weight (lb (kg)) (standard machine, manual working depth adjustment, KWM 600)	3,252 (1,475)	3,725 (1,690)	4,590 (2,082)	5,016 (2,275)	4,365 (1,980)	5,291 (2,400)	5,798 (2,630)
No. of double-acting spool valves (with hydraulic depth control)	– (1)	– (1)	– (1)	– (1)	– (1)	– (1)	– (1)

*The stated working width is achieved only if all the discs are set to the same working depth.

Catros mounted compact disc harrows	Mounted models, folding			
	Catros ⁺ 4003-2	Catros ⁺ 5003-2	Catros ⁺ 6003-2	Catros ⁺ 7003-2
Working width *(ft (m))	13 (4.00)	16.5 (5.00)	19.7 (6.00)	23 (7.00)
Working speed (mph (km/h))	7.5–11 (12–18)			
Power requirement from (kW/hp)	91/125	110/155	130/180	154/210
Disc diameter/thickness (in (mm))	20/0.2 (510/5)			
Disc spacing (in (mm))	10 (250)			
No. of discs	2 x 16	2 x 20	2 x 24	2 x 28
Working depth (in (cm))	Catros ⁺ 0.75 – 5.5 (2 – 14)			
Transportation length with road lights starting at (ft (m))	9.2 (2.80)			
Transportation width (ft (m))	9.8 (3.00)			
Transportation height (ft (m))	8 (2.40)	9.5 (2.90)	11 (3.40)	12.8 (3.90)
Weight without roller starting at (lb (kg))	4,409 (2,000)	5,291 (2,400)	6,600 (3,000)	7,650 (3,470)
Weight starting at (lb (kg)) (standard machine, manual working depth adjustment, KWM 600)	5,952 (2,700)	7,165 (3,250)	8,598 (3,900)	9,811 (4,450)
No. of double-acting spool valves (with hydraulic depth control)	1 (2)			

*The stated working width is achieved only if all the discs are set to the same working depth.

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Catros-2TS trailed compact disc harrows	Catros⁺ 4003-2TS	Catros⁺ 5003-2TS	Catros⁺ 6003-2TS	Catros⁺ 7003-2TS	Catros^{XL} 5003-2TS	Catros^{XL} 6003-2TS
Working width *(ft (m))	13 (4.00)	16.5 (5.00)	19.7 (6.00)	23 (7.00)	16.5 (5.00)	19.7 (6.00)
Working speed (mph (km/h))	7.5–11 (12–18)					
Power requirement from (kW/hp)	91/125	110/150	130/180	154/210	147/200	176/240
Disc diameter/thickness (in (mm))	20/0.2 (510/5)					
Catros ⁺	20/0.2 (510/5)					
Catros ^{XL}	–					
Disc spacing (in (mm))	10 (250)					
No. of discs	2 x 16	2 x 20	2 x 24	2 x 28	2 x 20	2 x 24
Working depth (in (cm))	Catros ⁺ 0.75 – 5.5 (2 – 14)					
Hitch	Lower hitch + ball coupling and towing eye					
Transportation length with road lights (ft (m))	19.7 (6.60)					
Transportation width (ft (m))	9.8 (3.00)					
Transportation height (ft (m))	8.9 (2.70)	10.5 (3.20)	12 (3.70)	13 (4.00)	10.5 (3.20)	12 (3.70)
Weight without roller (lb (kg))	8,157 (3,700)	8,708 (3,950)	10,031 (4,550)	10,913 (4,950)	10,748 (4,875)	11,486 (5,210)
Weight starting at (lb (kg)) (standard machine, manual working depth adjustment, KWM 600)	9,789 (4,440)	10,681 (4,845)	12,610 (5,720)	13,933 (6,320)	13,117 (5,950)	14,198 (6,440)
No. of double-acting spool valves (with hydraulic depth control)	2 (3)					

*The stated working width is achieved only if all the discs are set to the same working depth.

Catros⁺-2TX and Catros⁺ 12003-2TS trailed compact disc harrows	Catros⁺ 7003-2TX	Catros⁺ 8003-2TX	Catros⁺ 9003-2TX	Catros^{XL} 7003-2TX	Catros^{XL} 8003-2TX	Catros⁺ 12003-2TS
Working width *(ft (m))	23 (7.00)	26 (8.00)	29.5 (9.00)	23 (7.00)	26 (8.00)	39 (12.00)
Working speed (mph (km/h))	7.5–11 (12–18)					
Power requirement from (kW/hp)	154/210	176/240	198/270	206/280	235/320	265/360
Disc diameter/thickness (in (mm))	20/0.2 (510/5)					
Catros ⁺	20/0.2 (510/5)					
Catros ^{XL}	–					
Disc spacing (in (mm))	10 (250)					
No. of discs	2 x 28	2 x 32	2 x 36	2 x 28	2 x 32	2 x 48
Working depth (in (cm))	Catros ⁺ 0.75 – 5.5 (2 – 14)					
Hitch	Lower hitch + ball coupling and towing eye					
Transportation length with road lights (ft (m))	28.4 (8.65)					
Transportation width (ft (m))	9.8 (3.00)					
Transportation height (ft (m))	11.3 (3.45)	12.9 (3.95)	13 (4.00)	12 (3.65)	12.6 (3.85)	13 (4.00)
Weight without roller (lb (kg))	14,539 (6,595)	15,201 (6,895)	16,336 (7,410)	16,017 (7,265)	16,876 (7,655)	23,920 (10,850)
Weight starting at (lb (kg)) (standard machine and KWM 600)	17,284 (7,840)	18,287 (8,295)	19,886 (9,020)	18,761 (8,510)	19,963 (9,055)	27,558 (12,500)
No. of double-acting spool valves (with hydraulic depth control)	2 (3)					

*The stated working width is achieved only if all the discs are set to the same working depth.

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Technical data:

Certos heavy compact disc harrows

Certos-2TX heavy trailed compact disc harrows	Certos 5002-2TX	Certos 6002-2TX	Certos 7002-2TX
Execution	folding/trailed	folding/trailed	folding/trailed
Working width *(ft (m))	16 (4.90)	19.7 (6.00)	23 (7.00)
Working speed (mph (km/h))	6 – 9.5 (10 – 15)		
Transportation speed (mph (km/h))	25 (40)		
Disc diameter/ thickness (in (mm)) Certos (serrated)	26/0.25 (660/6)		
No. of discs	28	36	40
Disc spacing (in (mm))	14 (350)		
Working depth (in (cm))	2.75 – 8 (7 – 20)		
Power requirement from/to (HP/ft (HP/m))	61 – 91.5 (200 – 300)	76 – 122 (250 – 400)	> 107 (350)
Transportation length (ft (m))	28 (8.55)	28 (8.55)	28 (8.55)
Transportation width (ft (m))	9.8 (3.00)		
Transportation height (ft (m))	11 (3.34)	12.6 (3.85)	13 (3.99)
Total weight (lb (kg)) (standard machine + KWM 600)	15,289 (6,935)	17,968 (8,150)	19,445 (8,820)
Real support load (lb (kg))	3,300 (1,500)	3,750 (1,700)	3,750 (1,700)

*The stated working width is achieved only if all the discs are set to the same working depth.



Certos 6002-2TX

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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 (bu (l))	45 (1,600)		62 (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 Cat. 3/4N				
Permissible total weight (lb (kg))	7,542 (3,421)	7,542 (3,421)	9,080 (4,118)	9,080 (4,118)	9,266 (4,203)
Overall width (ft (m))	5,520 (2.504)	5,520 (2.504)	5,520 (2.504)	5,520 (2.504)	
Filling height (ft (m))	4,600 (1.402)	5,187*/5,700 (1.581*/1.737)	5,190 (1.582)	5,780*/6290 (1.762*/1.917)	
Overall length (ft (m))	5,570 (1.698)	6,865 (2.093)	5,570 (1.698)	6,865 (2.093)	
Tare weight (lb (kg))	1,160 (526)	2,450 (1,111)	1,455 (661)	2,750 (1,246)	1,725 (783)

*Packer in transport/working position

XTender rear hopper	XTender 4200	XTender-T 4200 (only available in Russia)
Hopper capacity (bu (l))	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)	19.7 (6.00)
Tare weight (lb (kg))	2,900 (1,300)	7,500 (3,400)

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