



AMAZONE



PRECISION to perfection

Catros 03

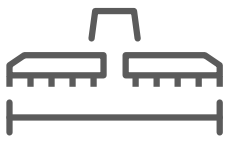




Catros 03 - the precision tool

The Catros compact disc harrow is perfect for shallow and intensive stubble cultivation. The low pulling power requirement, combined with a huge range of working widths and high forward speeds, provide the scope for enormous work rates and yet minimal fuel consumption.

2



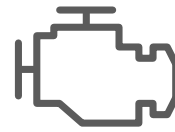
2.5 to 12 m



2 to 16 cm



up to 18 km/h



from 75 hp

1 Simple, fast and precise adjustment of the working depth

- After the once-only alignment of the main frame has been completed, the first and second row of discs work at a uniform depth throughout the working spectrum
- Better through passage even when working deeper

2 Independent depth adjustment of the front tools and the discs.



480 mm wavy profile

3 Wide range of discs for different applications.

4 Wide variety of rollers with different diameters.



SW cage roller 520 mm

SW cage roller 600 mm

WW angle profile roller 580 mm

UW U-Profile roller 580 mm

5 Optimally combined with a seeding system.

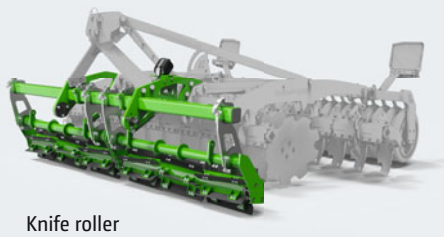
GreenDrill



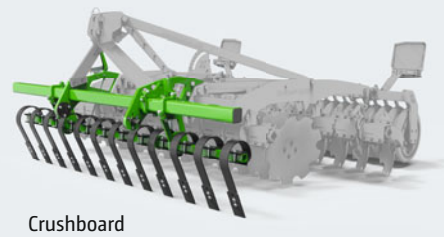
The complete precision range



② Precise stubble cultivation using the front tools for any application



Knife roller



Crushboard

③ Precise soil tillage using discs and with an extensive range of optional equipment



510 mm
smooth



510 mm
fine serrated

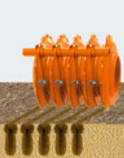


510 mm
coarse serrated



610 mm
coarse serrated

④ Precise reconsolidation via a versatile roller range



DW disc roller
600 mm



KW wedge
ring roller
580 mm



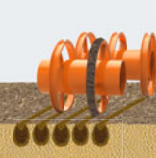
KWM wedge ring
roller with Matrix
tyre profile 600 mm



KWM wedge ring
roller with Matrix tyre
profile 650 mm



TW tandem roller
520/380 mm



DUW Double
U-Profile roller
580 mm



DDU Double-disc
U-Profile roller
600 mm



DDW Double
disc roller
600 mm

⑤ Universally-combinable with different seeding systems – the choice is yours!

XTender



FTender





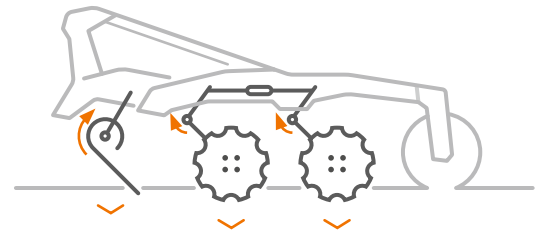
Smart Frame System

The Smart Frame System from AMAZONE is a completely new design of working depth adjustment for compact disc harrows. The entire row of discs is rotated to adjust the working depth. The discs are either rotated away from the frame to work deeper or towards the frame to work shallower. In this respect, the main frame always remains parallel to the ground.



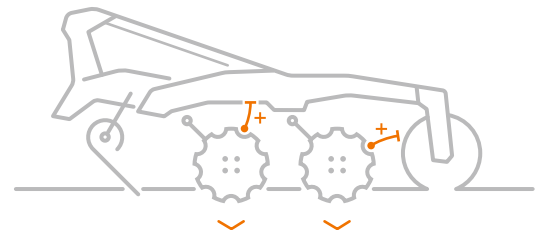
Simple and uncomplicated setting and adjustment of the working depth

- ✓ Completely independent depth adjustment of the front tools and the main working element
- ✓ The first and second row of discs always work at the same depth
- ✓ Convenient for quick changes to the working depth, such as working deeper in tramlines or on the headland



Huge through-passage, 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 turned away from both the frame and the following roller.



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



A top argument for the Catros is the Smart Frame System with its flexible depth adjustment of the individual tools:

- ✓ Independent adjustment of the front tools in relation to the discs
- ✓ Independent adjustment of the front tool and the discs in relation to the frame



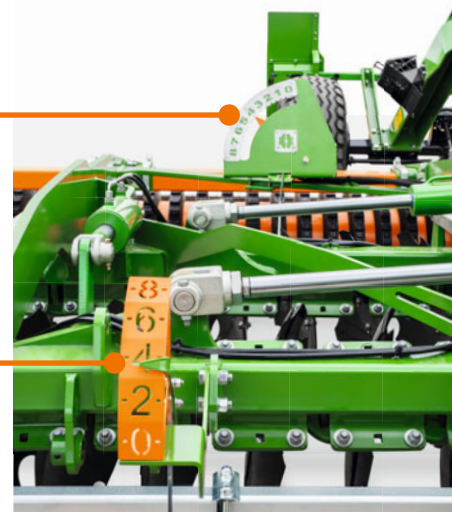
Catros^{XL} 6003-2TS at the minimum disc depth

The discs are completely swivelled in towards the frame

Catros^{XL} 6003-2TS at maximum disc depth

The discs are completely swivelled away from the frame

- ✓ The Smart Frame System offers maximum comfort in combination with the infinitely variable hydraulic working depth adjustment
- ✓ There is no need to leave the cab to change the working depth
- ✓ The scales display the current settings and are perfectly visible from the tractor seat
- ✓ In addition to the independent setting of the front tools and the discs, the rear harrow settings also remain unchanged when the working depth is changed





AMAZONE

Front tools for any application

Shredding – Mixing – Consolidating

Catros^{XL} 6003-2 with the knife roller in a catch crop



Catros^{XL} 5003-2 incorporating sorghum



Catros⁺ 3003 with Crushboard for seedbed preparation



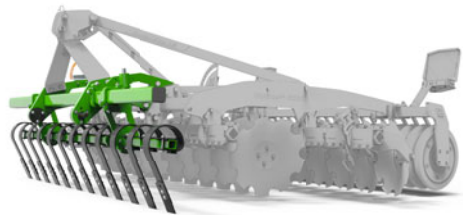
Catros^{XL} 6003-2TS with the knife roller in cabbage



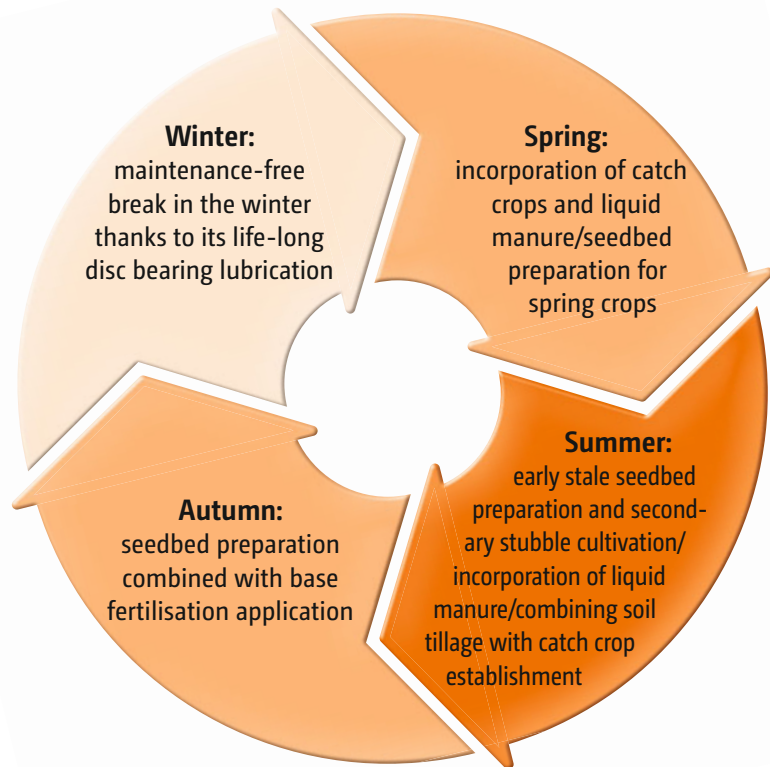
The general conditions for good crop management in agriculture are changing owing to the increasing number of extreme weather events and stricter regulation of the use of plant protection agents. In order for crops to get off to a good start and have ideal growing conditions in their early development, better field hygiene is continuing to gain in importance. As a result, AMAZONE offers various front tools for the Catros for an optimum solution.



Knife roller



Crushboard



The machine can be adapted to a specific tillage system even more effectively by using a front tool.

Crushboard

The Crushboard is available as an option to achieve even better levelling and crumbling. For example, coarse clods can be broken after ploughing and the seedbed left optimally prepared.

- ✔ Manual adjustment via easily accessible adjustment spindles
- ✔ Optionally with convenient, infinitely-variable hydraulic depth adjustment with an easy-to-read scale





Out-front knife roller – maximum working intensity!

The working result of the knife roller mainly depends on the forward speed and the pressure on the soil. The results are significantly improved by a higher pressure and increasing the working speed. The combination of a knife roller with a compact disc harrow is therefore ideal for achieving the best quality of work.

Plant establishment advantages

- ✔ Helps promote rotting
- ✔ Improved field hygiene
- ✔ Better phytosanitary effect
- ✔ Mechanical weed control
- ✔ Uniform working results



With knife roller

Without knife roller

Resulting quality of work after the first pass on rape stubble



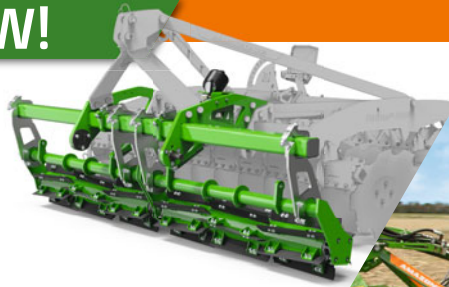
Knife roller

NEW!

The combination of Catros and knife roller makes it possible to carry out extremely shallow soil tillage together with maximum crushing of the stubble, such as that initial stubble cultivation after rape.

The knife roller is also ideal for working in tall catch crops and maize or sunflower stubbles. In particular, a large amount of organic material is shredded by the knife roller at right angles to the direction of travel and by the discs along the direction of travel. If the knife roller is not needed at any time, it can be swivelled up hydraulically to reduce the pulling power requirement.

- ✔ Optimum shredding results due to the high circumferential speed with a roller diameter of 330 mm
- ✔ Excellent contour following thanks to individual roller sections
- ✔ No lateral pull during work, as the blades are arranged on the roller in a V-profile
- ✔ Maintenance-free bearings with a long service life thanks to a metallic face seal
- ✔ Insensitive to stones and dirt due to the enclosed design of the roller centre shaft
- ✔ Wear costs halved thanks to reversible knives with two cutting edges, made of tempered drill steel

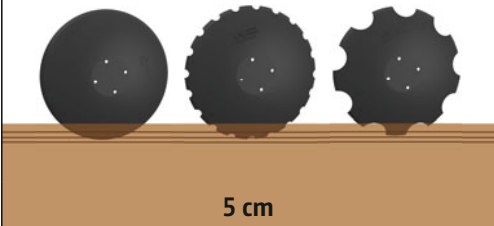
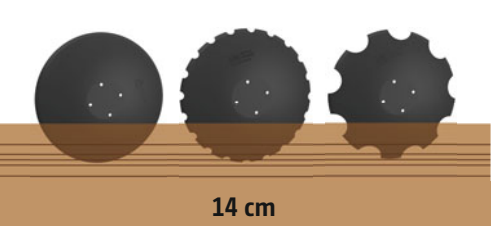


Catros^{XL} 8003-2TX
with knife roller




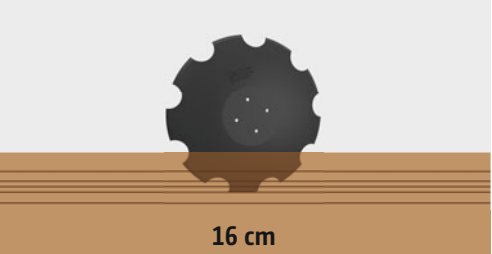
Our world revolves around the disc

A wide range of discs means that you can spec up the ideal machine for your conditions

Disc diameter Ø Disc spacing	Minimum working depth	Maximum working depth
Catros⁺ 03: 510 mm Ø 12.5 cm disc spacing	 5 cm	 14 cm

The perfect all-rounder – Catros⁺ 03 discs

- ✓ The 510 mm diameter disc is suitable for working depths of 5 to 14 cm
- ✓ Reliable penetration, even under the driest, hardest conditions, is provided by choosing either the fine or coarse serrated disc profile
- ✓ Can be used in combination with the pro-Pack for the simultaneous application and incorporation of liquid manure and digestate

Catros^{XL} 03: 610 mm Ø 12.5 cm disc spacing	 5 cm	 16 cm
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A true great – Catros^{XL} 03 discs

- ✓ The 610 mm disc enables working depths from 5 to 16 cm
- ✓ Incorporation of large quantities of plant material such as winter-hardy catch crops
- ✓ Can be used for incorporating maize stubbles, for example

Maintenance-free face seal

2-row angular contact ball bearing

2 x seal ring (O-Ring)

2 x cast rings with face seal

Face seal built into conical seats

Gear oil filled housing

Proven 1,000,000 times over!

No more lubrication – extreme service life

With no need to lubricate the disc bearings, this results in a significantly reduced overall maintenance time. Low-wear face seals have been used for decades in road construction 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.

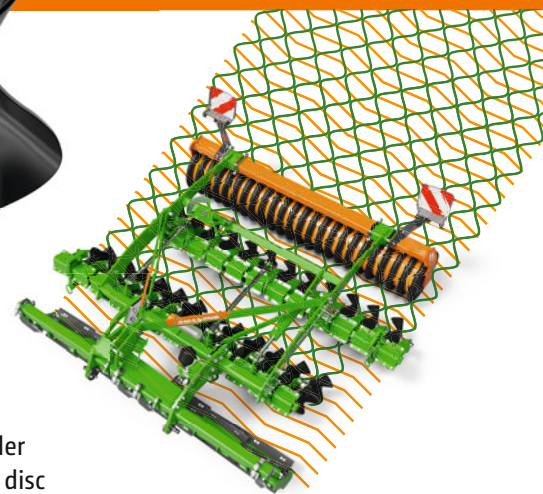
AMAZONE X-Cutter disc





IDEAS FOR
OUR FUTURE

For maximum shredding performance and mixing intensity

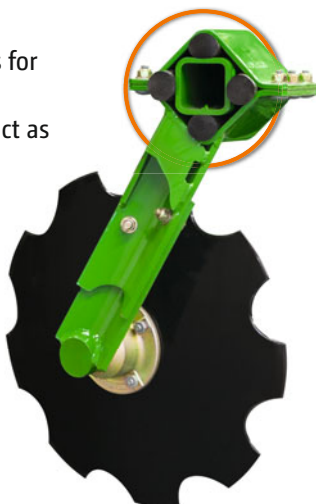
- ✓ 480 mm diameter for a high peripheral speed
- ✓ The specialist tool for working from a depth of 2 to 8 cm
- ✓ Full-surface working at shallow depths thanks to the wavy profile discs
- ✓ Extremely thorough mixing combined with a low pulling power requirement for lower fuel consumption
- ✓ Multi-dimensional shredding ability in combination with a front knife roller



 Knife roller
 X-Cutter disc

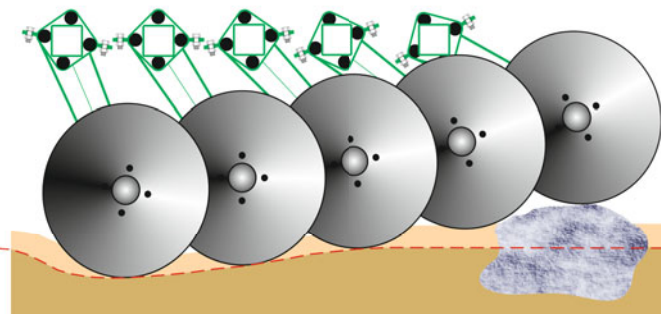
Sprung rubber buffer mountings

The elastic sprung rubber buffer blocks for suspending the discs, not only ensure optimum contour following, but also act as overload safety protection on each individual disc. The oversized rubber buffers are maintenance-free.



Individual disc suspension

Individual disc suspension for optimised contour following and excellent throughput complete with built-in overload and stone protection.





The roller range – reconsolidation and depth control

The right following roller for any application!

A wide range of rear rollers for reconsolidating the soil are available for all AMAZONE compact disc harrows. Decide which roller suits your farm best!

Description, diameter		Cage roller* SW 520 mm				Cage roller SW 600 mm				Angle profile roller* WW 580 mm				U-profile roller UW 580 mm				Disc roller DW 600 mm			
		Suitability	-	○	+	++	-	○	+	++	-	○	+	++	-	○	+	++	-	○	+
Soil suitability	Light, sticky soils (peat)																				
	Light soils (sand)																				
	Medium soils																				
	Heavy soils																				
	Heavy soils (clay)																				
Working quality	Crumbling																				
	Reconsolidation																				
	Self-driving ability (less slip)																				
	Carrying capacity																				
	Insensitive to stones																				
	Insensitive to sticky soils																				
	Little tendency to block																				
Weight/ m working width		97 kg				114 kg				112 kg				125 kg				219 kg			
Rear harrow		optional				optional				optional				optional				optional			

Further options



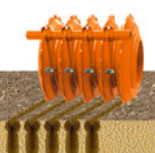
Sprung knife system



Sprung clearing system

- less suited
○ suited

+ well suited
++ very well suited



* only available in 3 m

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



New HD roller bearings!

NEW!

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

- ✔ Extreme service life thanks to a metallic face seal
- ✔ Completely maintenance-free with life-long lubrication thanks to the gear oil filling
- ✔ Robust and insensitive due to spherical roller bearings instead of ball bearings

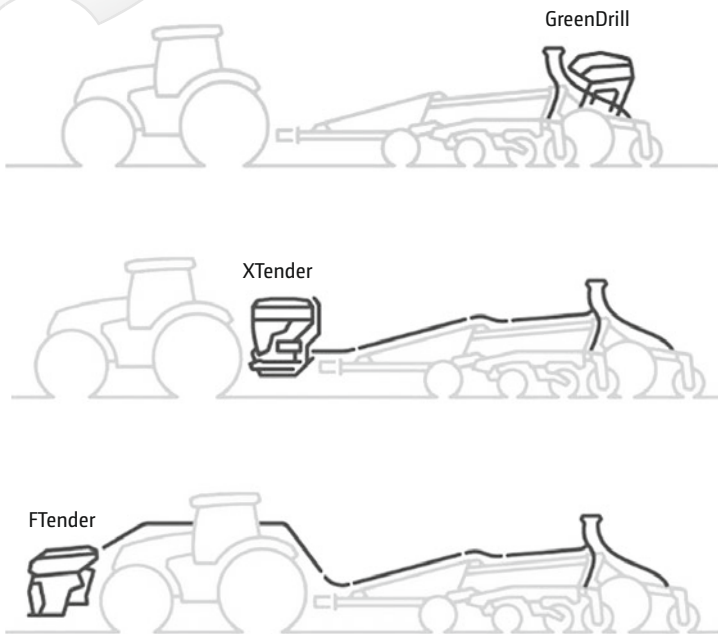


Wedge ring roller KW 580 mm	Wedge ring roller with Matrix profile KWM 600 mm	Wedge ring roller with Matrix profile KWM 650 mm	Tandem roller TW 520/380 mm	Double U- profile roller DUW 580 mm	DDU Double-disc U-Profile roller 600 mm	Double Disc roller DDW 600 mm
- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++	- ○ + ++
175 kg	178 kg	205 kg	160 kg	185 kg	255 kg	270 kg
optional	optional	optional	-	optional	-	-





Combine the trailed Catros 03 with the optimum seeding system ...



... it makes no difference whether it's the GreenDrill 501, XTender or FTender

The universal conveyor system enables you to combine your Catros 03 with different seeding systems. For example, the GreenDrill 501, with its 500 l hopper capacity, can be used in exactly the same way as the front or rear hoppers with their respective capacities of 1,600 to 4,200 l. In addition to catch crops, other seeds or even mineral fertilisers such as micro-granules can be applied.

Advantages of conveying systems with a segmented distributor head

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

GreenDrill – universal harrow-mounted seeder box for fine seeds and catch crops

AMAZONE offers the GreenDrill 200 and GreenDrill 501 catch crop seeder boxes to enable you to apply catch crops whilst carrying out a cultivation pass. The GreenDrill seed boxes have a capacity of 200 l or 500 l and are easily accessible via steps.

GreenDrill – the advantages at a glance:

- ✓ Different application rates possible with the help of different metering rollers
- ✓ Precise metering with excellent lateral distribution
- ✓ Full-width distribution via baffle plates
- ✓ Safe and convenient access via steps
- ✓ Comfortable machine control of the GreenDrill 501 via ISOBUS
- ✓ Part-area, site-specific processing of application maps



Catros^{XL} 8003-2TX with GreenDrill 501



Catros⁺ 8003-2TX with pro-Pack
and slurry distributor

Catros with pro-Pack

For incorporating liquid manures



The simultaneous incorporation of liquid manures during application reduces nutrient losses and therefore protects the environment. The availability of nutrients to the plant is optimised. AMAZONE offers the pro-Pack for the Catros compact disc harrows in working widths of 5 m to 9 m for larger farms and contractors.

The benefits: Catros with pro-Pack

- ✔ Special sealed disc bearings
- ✔ Electric central lubrication system as an option
- ✔ Optional reinforced SW 600 pro cage roller
- ✔ All the necessary brackets for mounting the distribution system are available from Vogelsang
- ✔ Single distribution system (Dosimat) or twin system (Exacut) from Vogelsang as an option
- ✔ Optimum corrosion protection through powder coating
- ✔ Application outlets can be in front of or behind the first row of discs



Catros⁺ pro 6003-2 and 7003-2 with double harrow

NEW!

The machines in 6 m and 7 m working widths can also be equipped with a double harrow instead of a roller. This provides faster drying and warming of the soil. At the same time, the double harrow reduces the weight of the machine.

The benefits: Catros with pro-Pack and double harrow

- ✔ Reduction in the weight of the machine
- ✔ Faster drying and warming of the soil
- ✔ Mechanical weed control
- ✔ Additional straw distribution





The complete Catros range – good all round!



Catros rigid or folding mounted compact disc harrows

Working width 2.5 m to 7.0 m



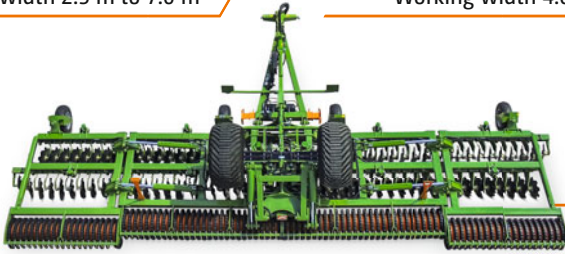
Catros-2TS mounted compact disc harrows with bogey chassis

Working width 4.0 m to 7.0 m



Catros-2TX trailed compact disc harrows

Working width 7.0 m to 9.0 m



Catros+ 12003-2TS trailed compact disc harrow

Working width 12 m

The new Catros+ compact disc harrows

The extension of the Catros+ product range means that AMAZONE can now also offer mounted folding compact disc harrows without a chassis in working widths from 4 m to 7 m. The Catros+-2TS mounted compact disc harrows with a bogey chassis and a working width from 4 m to 7 m are also new in the product range.



Catros+ 5003-2



Catros+ 7003-2TS

Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.



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