



**AMAZONE**

# Certos TX



# Certos TX – the heavy compact disc harrow



⊕ For any operation: the right AMAZONE compact disc harrow

Catros	3 cm to 12 cm working depth	The specialist for shallow stubble tillage
Catros <sup>+</sup>	5 cm to 15 cm working depth	The universal tool for a more intensive mixing
Certos	7 cm to 20 cm working depth	The professional machine for medium deep, intensive soil tillage

With the Certos, AMAZONE widens its product range to include a heavy compact disc harrow.

Thanks to its large 660 mm discs, the trailed Certos TX, with centre running gear, penetrates the soil up to 20 cm

deep and can incorporate even larger amounts of organic matter without blocking. In addition, the soil is intensively loosened and mixed.



Certos 5001-2TX in 5 m working width

## The flexible powerpack

Certos TX, the heavy compact disc harrow features a wide working width spectrum, ranging from stubble cultivation via medium-deep soil tillage and seedbed preparation down to the breaking up of pasture land and fallow. This makes the Certos TX a powerful allrounder.

In working widths of 4, 5, 6 and 7 m, AMAZONE offers the Certos TX in four versions for differing farm sizes. The integrated centre running gear makes the Certos TX very manoeuvrable and is equipped with an air braking system so that Certos TX is approved for road transport at speeds of up to 40 km/h.

Available as option, the GreenDrill seeder box enables the sowing of catch and cover crops alongside intensive soil tillage in one operational pass, making the Certos TX even more effective.

Watch it on TV:  
[www.amazone.tv](http://www.amazone.tv)



# Whether shallow or deep – always fast and intensive

## Top benefits of the Certos TX compact disc harrow:

- ⊕ Excellent manoeuvrability due to the centre running gear and high work rates at operational speeds up to 15 km/h.
- ⊕ Intensive, complete mixing of the worked soil horizon down to a working depth of 20 cm. High throughput.
- ⊕ Optimal seedbed preparation; in heavy ground as well.
- ⊕ Large distance between discs and roller for the optimum soil settling.
- ⊕ Incorporation of large amounts of maize straw, sunflower residues and catch crops is possible.
- ⊕ Various following rollers for all soil conditions.
- ⊕ The GreenDrill seeder box makes the sowing of catch crops and fine seeds possible.

The disc diameter of compact disc harrows is of significant influence on the working depth and the quality of work. For the front row, the very large 660 mm diameter serrated discs on the Certos TX are set especially aggressively at an angle of 22 degree, resulting not only in an excellent working performance even in heavy soils but also in an increased undercut. The large distance between discs and roller results in a settling of the soil ensuring the best possible reconsolidation from the following roller.

Working depths of 7 cm to 20 cm allow a large operational spectrum from stubble breakage via seedbed preparation down to the medium deep soil tillage. However, also the working up pasture land is possible with the Certos TX. All from the same disc combination.



### ⊕ Centre running gear

The integrated centre running gear, equipped with 550/45-22.5 or 400/60-22.5 tyres ensures an excellent manoeuvrability of the machine, both in the field and on the road. The position of the running gear guarantees good weight distribution and allows the use of all AMAZONE following rollers – this means the most suitable roller depending on the soil conditions can be utilised.

Certos 5001-2TX in 5 m working width



### Maintenance-free, over-dimensioned disc bearings with integrated slide ring seals

The disc bearings of the Certos TX are of especially large dimensions and equipped with a lifetime lubrication. In this way maintenance work and running costs are reduced to a minimum.

All the discs are individually suspended on the frame via elastic rubber spring elements meaning that every Certos concave disc can individually follow the ground contours so that tracks are not just buried but actually worked, enabling an even soil tillage across the entire working width –

even with an undulating soil surface. At the same time, the individual suspension of the discs allows optimum passage of large amounts of organic matter.

The distance between the discs has been designed in such a way, that an especially good passage is ensured even where large amounts of harvest residues prevail. An adjustment of the disc stagger is not necessary as, when working at depths from 7 cm and more, the entire working width is moved.



The stepless setting of the working depth is carried out hydraulically from the tractor seat.



The indicator for the working depth is easily visible from the tractor seat enabling simple monitoring at any time.

Certos offers a suitable linkage for any tractor because it can be optionally equipped with a drawbar for the lower linkage, a ball coupling or various pulling eyes.

To avoid any rocking of the machine, the Certos TX is equipped as standard with a drawbar shock absorbance system whereby the pressure is matched according to the prevailing situation.



# Site-specific crumbling and reconsolidation



Depending on the soil type, various following rollers provide an intensive crumbling and reconsolidation.

The exchange of the rollers is easily done by loosening the fixing clamps; saving time and making the Certos even more efficient. For cage, wedge ring and double U profile rollers, an additional rear harrow is also available.

## Wedge ring roller with universal operational spectrum

The wedge ring roller is very well suited for the wide operational spectrum of the Certos. With its reconsolidation in strips, the wedge ring roller provides the even emergence of volunteer grains and weed seeds. There is little tendency

to block – even under moist conditions – and the excellent reconsolidation as well as the carrying ability are the big strengths of the wedge ring roller.

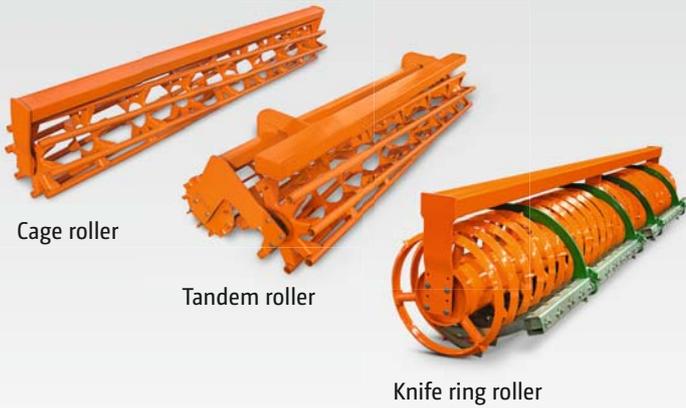
## Wedge ring roller 650 with Matrix profile

AMAZONE has further developed the wedge ring roller with a Matrix profile to expand its application. For this, the diameter of the roller has been increased to 650 mm. This results, together with the deeper rings of the Matrix profile, in an improved carrying ability and a higher passage, especially on lighter sites. In addition, the Matrix profile ensures an improvement in the self-driving effect and thus a reduction in the pulling power required. On heavier soils, the Matrix profile provides an improved crumbling effect even under moist conditions.

## Double-U profile roller

The 580 mm diameter, double-U profile roller offers a wide operational spectrum. The open U-profile with its large contact surface provides a very high carrying capacity of the roller. In conjunction with the modular design that ensures a very good passage, the double-U profile roller shows its strengths especially on very light sites. As the soil can flow easily through the roller, the levelling effect is additionally improved. During operation the U-profiles, open at the sides, are filled with soil resulting in a minimum material wear. Due to the distribution of the U-profile rings across the two rollers, a significantly more intensive reconsolidation is provided.





**+** Additional following rollers

For lighter soils the **cage roller** is available.

**Tandem rollers** are often used for seedbed preparation. As the rear, smaller roller, rotates faster than the one in the front, it slightly loosens up the top soil enabling wet soil to dry better.

The **knife ring roller** is especially suited to reconsolidation on dry, heavy and cloddy soils.



### Option Crushboard

As an option, a Crushboard is also available for the Certos TX to achieve an even better levelling and crumbling effect. Especially when used for seedbed preparation, the Crushboard is an option that makes sense.

The Crushboard can be adjusted safely and comfortably with the two spindles. The precise setting is easily achieved via the scale on the spindle. The hydraulic adjustment of the Crushboard from the tractor seat offers maximum comfort.

### Certos TX – Perfect with GreenDrill

The GreenDrill seeder box is the ideal solution for sowing catch crops and carrying out soil tillage in just one operational pass. The GreenDrill seed hopper holds 500 litres and is easily accessed via the loading steps. A full area distribution of the seed is carried out via spreader plates.

AMAZONE offers as standard equipment an on-board computer which controls the seed and the blower fan. In addition, the Comfort terminal enables the monitoring of the forward speed, the area covered and the working hours plus also offers an enhanced calibration procedure.



**+** On-board computer for the GreenDrill



## Technical data: Certos TX compact disc harrow

	Certos 4001-2TX	Certos 5001-2TX	Certos 6001-2TX	Certos 7001-2TX
Execution	folding/trailed	folding/trailed	folding/trailed	folding/trailed
Working width (m)	4.00	4.90	6.00	7.00
Operational speed (km/h)	10–15			
Working depth (cm)	7–20			
Transport speed (km/h)	40			
Disc diameter (mm)	660, serrated			
Number of discs	24	28	36	40
Disc spacing (mm)	350	350	350	350
Power requirement from/to (HP/m)	160–230	200–300	250–400	> 350
Transport length (m)	8.04	8.04	8.14	8.14
Transport width (m)	2.85	2.85	2.85	2.85
Transport height (m)	2.96	3.34	3.85	3.99
Total weight (kg)*	6550	7100	8200	8700
Actual support load (kg)	1500	1500	1700	1700

\* Total weight when equipped with KW 580 roller

Illustrations, content and technical data are not binding! Machine illustrations can vary due to country-specific traffic legislation.

## Fast and manoeuvrable

The centre running gear provides the machine with a high manoeuvrability on the road and in the field. The Certos TX is quickly folded to a 3 m transport width. The twin-circuit

air braking system allows fast road transport at up to 40 km/h.



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