



Ceres 200H,
2-row mounted,
hydraulically driven planter



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Ceres 200H, a two-row mounted, hydraulically driven planter

The Ceres 200H is a two-row planter equipped with nearly all features its larger siblings have to offer. It is a compact, technologically advanced machine for bed cultivation.

■ **Accurate planting in less than no time**

The planting element is a model of precision and reliability. Two times 20 cups mounted on the cup belt ensure a continuous precision at high planting speeds. Also, at higher driving speeds, the planter operates relatively calmly. The large upper drum ensures stillness at the top side, the small top roller at the bottom side, and the slightly tilted position of the planting element guarantees an accurate placement (also on slopes).

The cup belt can be tightened easily by turning spindles to augment the spring tension.

■ **No misses, no doubles**

Thanks to its ingeniously shaped cups and electrical agitators, the planter does exactly what it is expected to do: deposit 1 seed potato every x (set) cm. No more, no less. A miss detection system keeps an eye out for possible mistakes and produces an alarm in the tractor in the event something goes wrong, giving you ample time to intervene.



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In the hydraulically driven planter, the pulse sensors in the wheel and planting channel are the same. This means that it is always possible to plant. Set a fixed speed on the screen, and the machine is ready to go. 100% reliable.

■ Plant larger volumes and save time

The Ceres 200H's standard bunker has a volume of 1.2 tons and offers a 2.1 m supply width. Using a hydraulic tipping bunker, up to 2 tons of product can be loaded, in which case the supply width is 2.3 m.

This means that apart from advanced technology, you also receive a two-row planter offering nearly identical bunker capabilities as a four-row planter.



■ For all types of seed potatoes, small and large

The adjustable planting channel allows for working with all sorts of seed potatoes. It only takes mounting another cup belt and adjusting the channel to prepare the planter for the next challenge. The table offers an overview of the existing AVR cups.

Seed potatoes - Cup dimensions		
	Standard (green)	Large (gray)
Standard cups	30-60 mm	40-80 mm
Reducing cups	25-40 mm (dark green)	30-60 mm (black)

Perfect seedbed preparation for planting in beds

■ Tight ridge construction

After planting the seed potatoes, the covering discs make sure the plant furrows are neatly covered. Two central discs can be adjusted independent of the outer discs. This function can be used specifically for planting in beds with a voluminous flow of soil centrally in the machine.

To immediately obtain a well-formed ridge, a ridging hood can be mounted. By default, an automatic pressure control with an accumulator is mounted on the ridging hood, making it possible to set the ridge pressure from the operating screen.

A PDC (Proportionally Distance Controlled) system can also be opted for. This system measures the amount of soil in the ridging hood and makes the necessary adjustments when needed.

■ Planting in beds

This machine is designed for planting in preconstructed beds, i.e. mainly for situations where the soil is "destoned".

The Ceres 200H is particularly suited for planting in these conditions thanks to its:

- large wheels (11.5/80-15.3)
- narrow furrow ploughs
- capability to position the wheels next to the bed
- soil guiding plates to keep the soil inside the machine





Even more in one working passage...

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Horstine granular applicator

The Horstine granular applicator can be used to apply all well-known granules. The granular applicator is mounted neatly on top of the Ceres. The dosing quantity depends on the width of the rotor disc (3 - 6 - 8mm) and the rotating speed.

When the calibration is finished, the desired kg per hectare can easily be set using the operation screen.

ZIBO powdering unit

The powdering unit ensures a safe and dosed protection of the tuber.

Delvano spray set

We also offer a spray set of the Belgian manufacturer Delvano. A 400L tank with pump unit for the front lift, tubing and 3 spray nozzles per row is neatly mounted behind the soil opener.

The system can be operated from the CERES computer. A speed dependent dosing quantity corresponding to the set liters, spray nozzles and section control can be opted for.



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in the future a front fertilizer will be added, in which case the powdering unit can be replaced.



■ Easy operation

The Ceres 200H planter is operated by means of a modern touchscreen (5") with clear icons. The control box can be configured as per your request and comes with an extensive memory module for saving machine settings and terrain data. A clear 7" display is available as an option.

Standard configuration/specifications	Ceres 200H
Mounted / trailed	Mounted
Number of rows	2
Bunker capacity	1300 kg
Hydraulic tipping bunker capacity	2000 kg
Drive	Hydraulic
Inter row distances	2x75 – 2x80 – 2x85 – 2x90
Plant protection options	Granular applicator - powdering unit - spray kits



Our KEEN & GREEN quality label indicates that our machines are equipped with techniques that promote durability and ease of use.

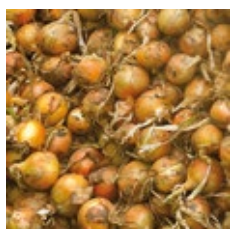
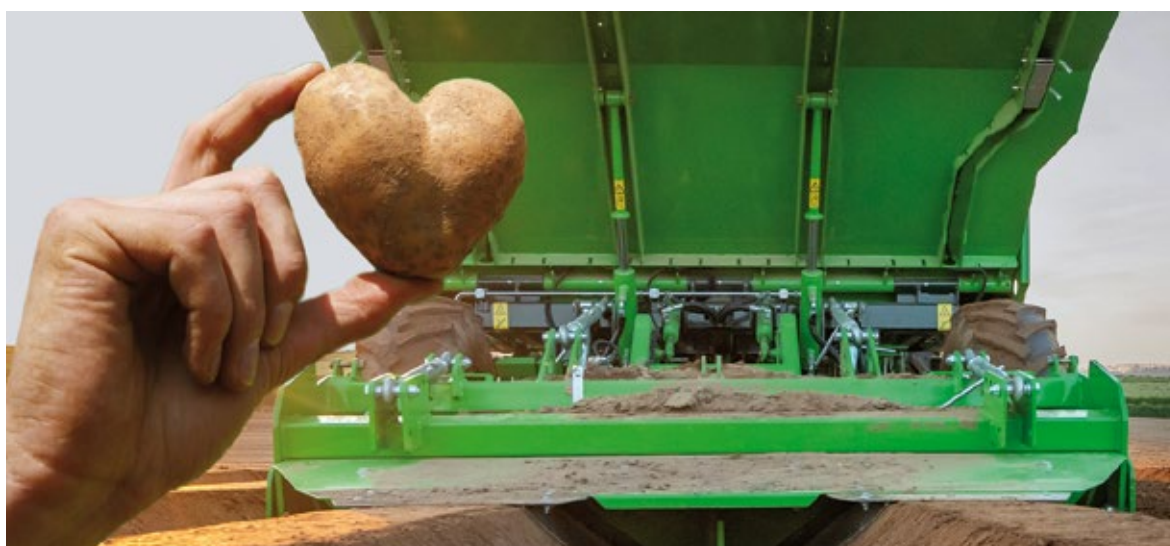
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■ **KEEN**

AVR never stops innovating and designs smart machines that make your work life easier and allow you to maximize your profits.

■ **GREEN**

Our machines are not only called green because of their striking color, but also because of their durability. The machines consume as little fuel as possible, and their solid construction ensures a very long lifespan. This means you will have recovered the costs of your investment in no time.



AVR bv, with head office in Roeselare, Belgium, produces a comprehensive selection of sophisticated machines for the potato industry (and other bulbous and tuberous plants). This includes planting bed preparation, planting, ridging, haulming, harvesting and hangar storage. Our mission is to make sure that more marketable products end up in the hangar using less input. So as to be able to offer you optimal support, we invest for instance in an extensive dealer network and a strong service department. AVR employs about 180 employees internationally, has a network of more than 100 dealers and had a turnover of 61 million euros in 2019.



www.avr.be

Ask for more information, we'll be happy to help you:

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