



Spirit 9200 2-row offset bunker harvester



**KEEN &
GREEN**

AVR takes 2-row harvesting to a new level!

The Spirit 9200 takes 2-row offset bunker harvesters to a whole new level. The well-known Spirit concept has been further developed for use in the top segment. More flexibility, more capacity, more comfort.

This is made possible by the hydraulic drive and the optionally mountable cross roller set. Naturally these innovations have all been developed in accordance with AVR's philosophy of potato-friendly harvesting!

■ Extra cleaning capacity

A cross roller set can be mounted before the pintlebelts. This leads to a significant increase in the machine's cleaning capacity, without the need for additional direction changes to the potato flow. This is a unique concept! The cross rollers efficiently remove loose soil, small clods of earth and smaller stones from the product flow. Because of this, the pintlebelts can easily remove the remaining loose soil and haulm.



Thanks to the cross roller set's numerous configuration possibilities, the harvester can be used under virtually all circumstances, which makes it more efficient and faster than its predecessor.





More flexibility, capacity and comfort

■ Extra haulm separation

The third sieving web or cross roller set ensures a larger separation surface for removing haulm from the product flow. This is very important considering the current trend towards highly productive varieties with lots of sturdy haulm.

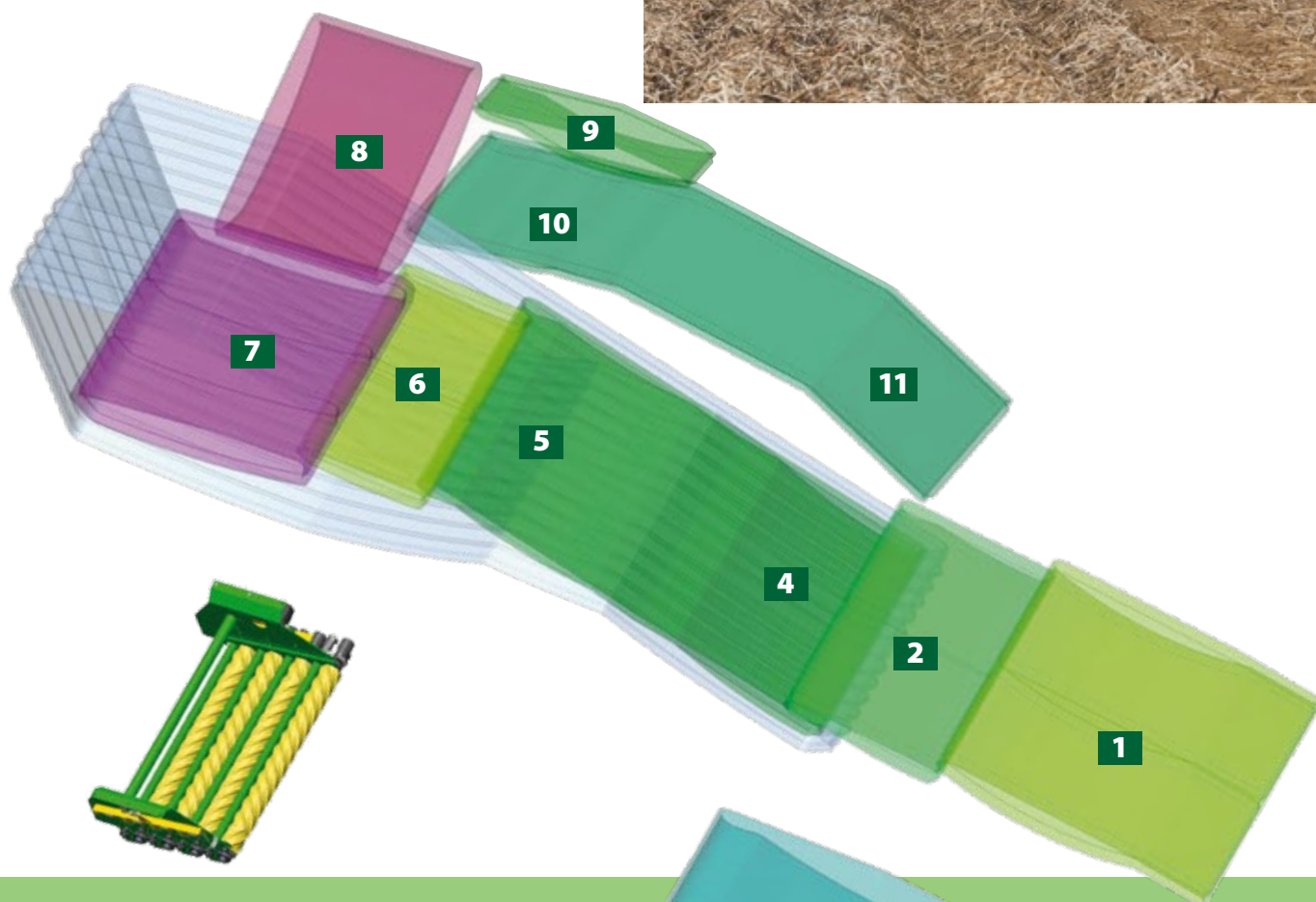
■ New picking-off platform

The spacious picking-off platform has been redesigned. The picking-off table now consists of one piece that leads straight towards the bunker. The biggest advantage is the increased ergonomics. The picking-off table is slightly higher and the narrow discharge canals prevent workers from having to bend over too far.





1. Digging web: 1,650 mm wide, driven by PUR drive wheels.
2. First sieving web, universal drive, with new agitator type.
3. Instead of 1-2 one long sieving web, 1-2 can be used.
4. Second sieving web, under haulm web, universal drive, minimal inclination.
5. Haulm web, larger haulm/potato separation space compared to existing Spirit models.
6. Third sieving web or cross roller set.
7. In-line pintle belt with retaining rollers
8. Transversal pintle belt with 3-row rotary comb, 2x2-row rotary comb, or retaining roller set or brushes.
9. Clod belt.
10. Picking-off table (90 cm wide).
11. Picking-off table with swan neck to 8 ton bunker.



The Spirit 9200 combines state-of-the-art technologies with inventive separation and cleaning technologies, the result of which is an optimal harvesting quality and a high capacity.



Ergonomics and economics

■ New control

Most of the functions are controlled using the new joystick. All machine functions are displayed on the stylish touchscreen and can quickly and intuitively be controlled using distinct icons. The positions of the icons on the display can be adapted by the user for an optimal individual optimization. Since everything is hydraulically driven, an automatic mode is now also available, which leads to extra comfort and rest during harvesting.

■ Quick-change digging unit

The digging unit is built in such a way that it can be easily dismantled, and replaced by another type of digging unit (for instance an onion unit). And this without having to open the digging web or remove the shear holder separately.

All you have to do is detach a few mechanical couplings and clamps. The included support legs/wheels make it easy to retract or correctly position the digging units (on a hardened substrate).

The onion unit with foam-rubber roller (available in sizes 900mm and 1200mm depending on swath width) helps the onions into the machine and closes off the digging unit at the same time when lifting.



Functions: digging unit up/down, automatic functions on/off, land levelling, emptying bunker (2 speeds), steering wheels, drawbar control, vibrator up/down, bunker up/down, pintlebelt inclination





■ Tyres

The Spirit 9200 is equipped standard with 850/30.5 tyres. This ensures minimal soil compression and an easily pullable machine. An optional double air tyre can be mounted on the left side for efficient open harvesting (for 75 cm inter row distance only, because of its width on the road). Radial tyres and a hydrostatic wheel drive are available for less supporting soils.

Default on the Spirit 9200:

- PTO drive shaft 1,000 rpm
- fully hydraulically driven machine
- independent hydraulic system with 3 pumps
- wheels 850/50-30.5
- hydraulic steering wheels (+/- 24°) with auto reset
- hydraulic land levelling
- automatic lane adjustment (drawbar control)
- swinging digging unit
- 4 pulled, spring loaded discs
- 2 pulled, plastic diabolo rollers
- 2 large haulm intake rollers (400 mm)
- pressure control on digging unit with accumulator
- digging web with PUR drive
- hydraulically driven agitator
- electro-hydraulic angle adjustment of pintlebelts
- 3-row rotary comb
- picking-off table for 4 persons (900 mm wide) with control box
- discharge belt with room for 2 extra persons
- command via CAN Bus system, with joystick and touchscreen in tractor
- spacious 8 ton bunker with double bunker lift
- quick-change digging unit

Some options for the Spirit 9200:

- cross roller set before pintlebelts (instead of sieving web)
- retaining rollers or 2 x 2 rows rotary comb or brushes
- dual row crop wheel (14.9 R 38)
- long sieving web instead of digging web + short sieving web
- universal share holder with stone protection
- extra disc on the outer right side
- fallbreaker box (crate filling) (hydr./mech.)
- automatic land levelling
- electro-hydraulic counterpressure control
- automatic swan neck picking-off table
- electrical adjustment of rotary comb
- pintlebelt boost
- cameras
- onion picking unit
- carrot unit with torpedoes
- automatic sliding of bunker floor
- stone box under picking-off table
- half diabolos for bed harvest
- hectare counter

Technical Specifications

Dim. (l x w x h)	11.47 x 3.30 x 4.00 m
Inter row distance	75 - 90 cm
Bunker capacity	approx. 8 tons
Weight	11,000 kg
Maximum discharge height	4.20 m
Required power	approx. 102 kW / 140 hp

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

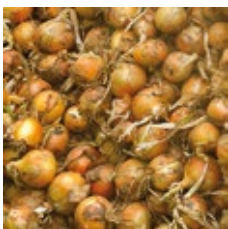


■ **KEEN**

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.



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

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