



Spirit 9200 VW
2-row offset bunker
harvester with Varioweb



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Varioweb, for customized cleaning

AVR has applied its patented Varioweb cleaning module to the newest member of the successful Spirit family, the Spirit 9200 Varioweb, a first for a pulled 2-row machine. This allows for flexible cleaning!

■ Varioweb cleaning module, ready for all harvesting conditions

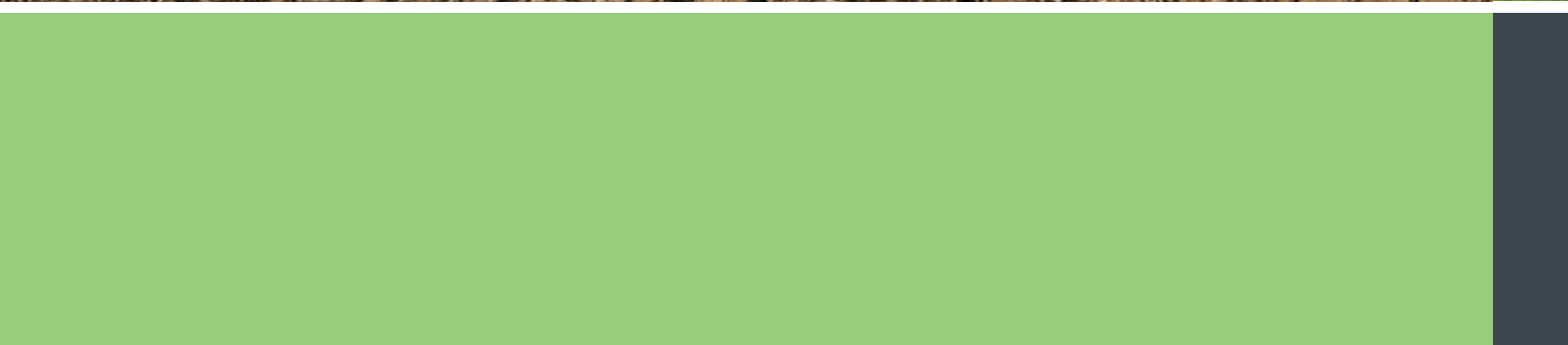
The Varioweb consists of a pintle belt and axial roller combination. A unique feature is the ability to continuously set the product flow volume that travels across the axial rollers from the cabin: from 100% when intensive cleaning is required to fully removing the axial rollers from the product flow when hardly any cleaning is required. This is achieved by moving the pintle belt forward or backward.

A long transversal pintle belt transports the product flow to the picking-off table, where two persons can be positioned to execute a final inspection.



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The Varioweb can be adjusted to the harvesting conditions, such as wet or dry and light or heavy soil.



Intuitive and ergonomic operation

■ Operation

Most of the functions are controlled using the new joystick. On the stylish touch-screen, you can adjust easily all machine functions which are easy recognisable by means of distinct icons.

The icons' positions on the screen can be adjusted for optimal usability. As everything is hydraulically driven, an automatic mode is also available, allowing for extra comfort and peace of mind 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.

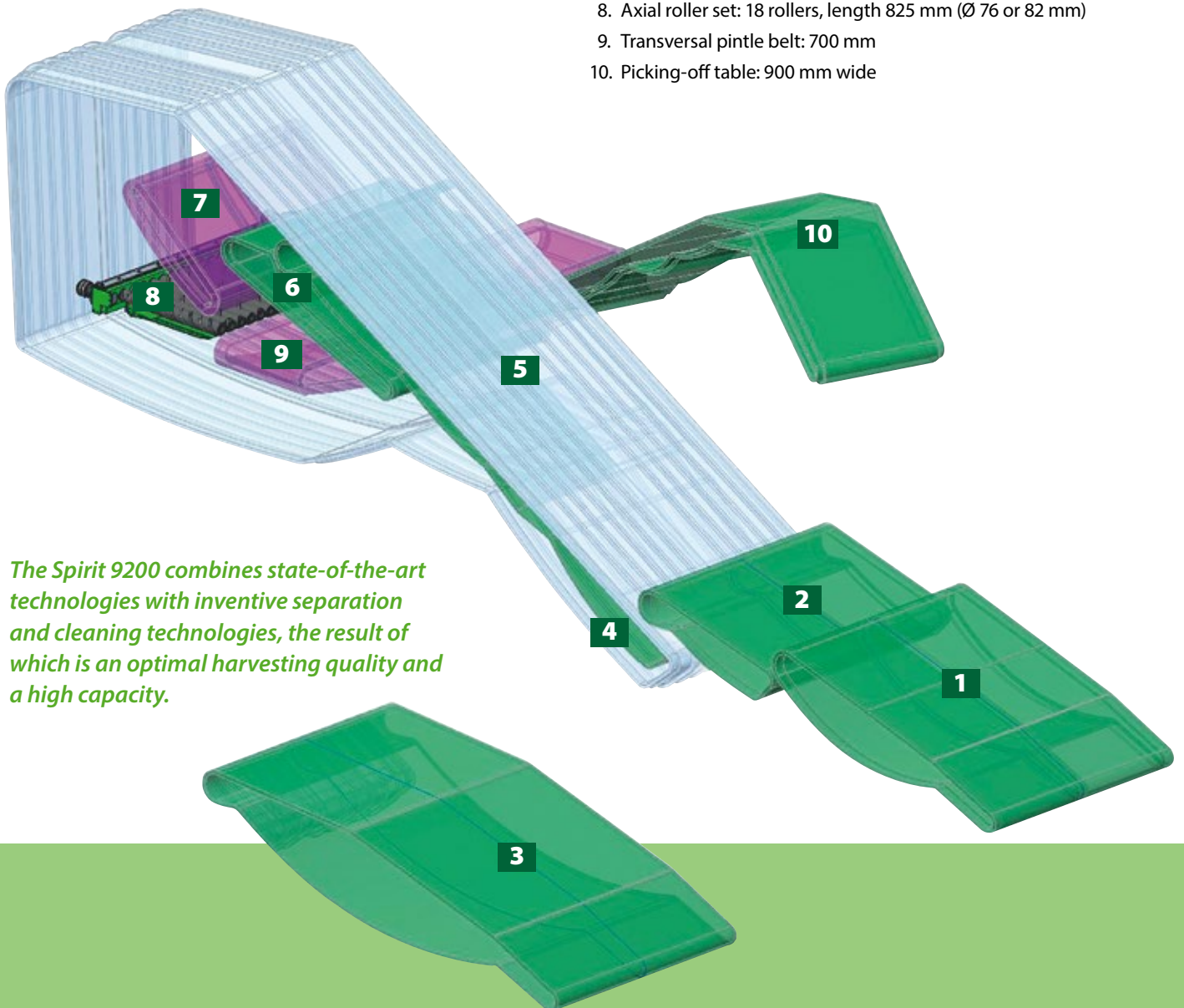


Functions: digging unit up/down, automatic functions on/off, land levelling, emptying bunker (2 speeds), steering wheels, drawbar control, triangular shaped agitator faster/slower, bunker up/down, pintlebelt inclination.



■ Follow the potato flow

1. Digging web: 1,650 mm wide, driven by means of PUR drive wheels (pitch-dependent)
2. First sieving web: 1,650 mm wide, universal drive, with agitator
3. Long digging web: instead of 1-2, one long sieving web can be mounted, exchangeable with 1-2
4. Second sieving web: under haulm web, universal drive
5. Haulm web: for a potato-friendly haulm separation
6. Varioweb belt: sieving web for transport towards pintlebelt.
7. When moving the pintlebelt, this belt can be 'pushed' under the second sieving web
8. Pintlebelt: 1,500 mm wide
9. Axial roller set: 18 rollers, length 825 mm (Ø 76 or 82 mm)
9. Transversal pintle belt: 700 mm
10. Picking-off table: 900 mm wide



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.

Optima forma non-stop harvesting



■ Save time, unload while driving

Using a WB bunker, unloading is possible while driving, enabling continuous harvesting. This means a huge increase in capacity. The three point articulation structure allows the elevator to lower deeply into the dumpers. The elevator web provides an additional after-cleaning.



■ KEEN & GREEN:

the bunker floor and elevator web are separately driven. When unloading is stopped, disengage the bunker floor and empty the elevator web. In the meantime, you can simply continue harvesting.



■ Also the tires are adapted

The Spirit 9200 VW is equipped with 850/50-30.5 tires by default. This ensures minimal soil compression and an easily pullable machine. An optional double air tire can be mounted on the left side for efficient open harvesting (for 75 cm inter row distance only and without a hydrostatic wheel drive). Radial tires and a hydrostatic wheel drive are available for less supporting soils.



Basic equipment of the Spirit 9200 VW:

- 1,000 rpm PTO drive shaft
- Fully hydraulically driven machine
- Independent hydraulic system with 3 pumps
- Tire size: left & right 850/50 30.5
- Braked axle (+/- 24°) with auto reset
- Hydraulic land levelling
- Automatic row following (drawbar control)
- Swinging digging unit
- 4 pulled, spring loaded discs
- 2 pulled plastic diabolos
- 2 large haulm intake rollers (400 mm)
- Accumulator on digging unit (with manometer); counterpressure manually adjustable
- Digging web with PUR drive
- Hydraulically driven triangular agitator (variable from cabin)
- Varioweb: pintlebelt/axial roller set (18 rollers)
- Pintlebelt can be moved (axial roller bypass) from tractor
- 900 mm wide picking-off table
- Platform for two persons, with control box
- Steering 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 VW:

- Left double air tire (14.9 R 38)
- Long sieving web instead of digging web + short sieving web
- Universal share holder with stone protection
- Extra cutting disc on the outer right side
- Maximum bunker fill (rubber sheet)
- Shock absorber (crate filling) (hydr./mech.)
- Automatic land leveling
- Electro-hydraulic diablo counter pressure
- Automatic swan neck in picking-off table
- Cameras
- Onion picking unit
- Carrot unit with torpedoes
- Automatic moving of bunker floor
- Half diabolos for bed harvest
- Hectare counter
- WB bunker
- Radial tires
- Hydraulically driven axle, radial tires, not with dual left wheel

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	10,800 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 & GREEN

■ **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 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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