



SPIRIT 9200i VW

2-ROW OFFSET BUNKER HARVESTER WITH VARIOWEB MODULE



AVR has integrated the Varioweb cleaning system into the Spirit 9200i VW, enabling flexible, tailored cleaning. The Clean & Go bunker and powerful hydrostatic drive ensure maximum capacity under all harvesting conditions.

Dimensions (l x w x h) (m)	11.70 x 3.30 x 4.00
Row width (cm)	75 - 90
Bunker capacity (tons)	> 8
Weight (kg)	11.495
Maximum unloading height (m)	4.20
Capacity (metric tons/hr)	50
Required power	120 kW / 165 hp

AVR TAKES IT TO A HIGHER PLANE!



ISOBUS

The machine's drive system is compatible with ISOBUS. This means that the machine can be configured via the ISOBUS-compatible display screen of your choice. AVR can offer you a Müller Touch800 or Smart570 screen for this purpose. The machine also comes with an ergonomic AVR joystick as a standard, and thanks to the ISOBUS-AUX system, various functions can also be controlled via a suitable ISOBUS joystick.

Clear icons and intuitive menus, supplemented by the automatic functions of the machine, all serve to optimize the user-friendliness of the Spirit 9200i VW.

Ease of use

User-friendly ISOBUS control and operation of the traction via the supplementary keypad.

Clean & Go

Large 8-ton bunker with extra cleaning functions.

Accessibility

Open construction of the machine.

Varioweb

The infinitely adjustable Varioweb module guarantees flexible cleaning.

Traction

- Even more powerful: up to 120 hp on the rear axle.
- ISOBUS automatically detects whether the machine is being driven forwards or in reverse.
- Easy to control via the supplied keypad.

Capacity

High harvesting capacity & cleaning capacity in combination with a low weight.



EXCEPTIONAL CLEANING CAPACITY



(Clean & Go) bunker

The Spirit 9200i VW is equipped with an 8.5-ton bunker. The unloading height can be adjusted up to 4.20 m, for which a hydraulic collapsible shock absorber or crate-filling funnel is available.

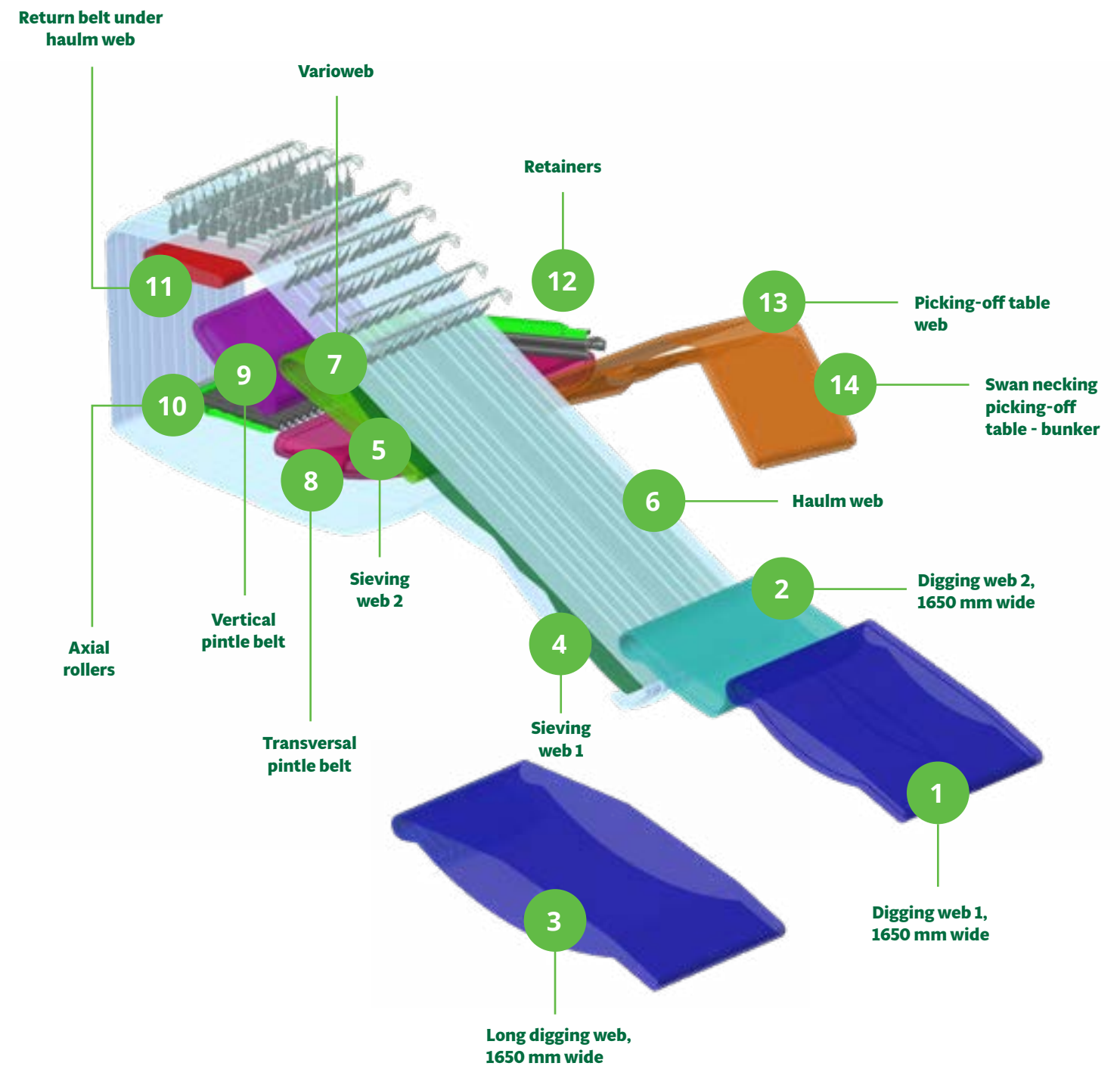
A Clean & Go bunker is also an option. You can opt for the best of both worlds: a buffer for 8 tons of potatoes, additional sieving capacity and no need to stop the machine in order to unload the bunker!

Varioweb cleaning module

The Varioweb cleaning module features the combination of a pintle belt and axial rollers. A unique feature is the ability to infinitely adjust the product flow volume that travels across the axial rollers from the cabin of your tractor: 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.

The position of the belt is displayed on the screen via an angle sensor on the upright mounted pintle belt. This allows the operator in the tractor to see the exact position of the pintle belts via the ISOBUS screen.

FOLLOW THE POTATO FLOW





Sieving capacity / drop heights

The up to four sieving webs for the Varioweb module ensure maximum sieving capacity. Either two short digging webs or one long digging web can be attached to the front of the machine. An additional digging web – and therefore one more drop – significantly increases the machine’s sieving capacity. If the soil can be sieved easily and for the gentlest treatment, a single long web is the best option.

The Varioweb cleaning module is located just in front of the transversal pintle belt. Drop heights are kept to a minimum throughout the machine. Because the haulm and sieving webs are so close to one another, the drop height from the digging to the sieving web is limited to the greatest extent possible. Thanks to this mechanism, the AVR Spirit 9200i VW guarantees the lowest drop heights on the market, with a 33% margin on the closest competitor.

Haulm

The primary haulm separation system is a combination of the sieving web and the haulm web. A set comprising two rows of retainers and another set comprising three rows of retainers mounted above the haulm web ensures that the potatoes stay in the machine.

These sets are individually adjustable in height, and the rows of retainers have been mounted to ensure an adequate distance in between the rows to optimize the machine’s separation capacity. In the event of an accumulation of haulm, the frames of the rows can be folded upwards.

AVR Connect

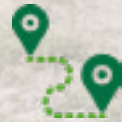
The Spirit 9200i VW can be fully monitored remotely, online. An AVR Connect account allows you to monitor data in relation to the work you have performed, sensor data and alarms. Even remote diagnostics are possible for even better support from your dealer or AVR.



Tracking alarm signals remotely, minimising machine downtime



Data exchange



Real-time position and route (on and off of the field)



Remote diagnosis

READY FOR ANY HARVESTING JOB



Fully hydraulic drive system

All cleaning modules are driven by a four-pump hydraulic drive system. This ensures full control over the harvesting procedure: the speed of the digging web(s) can, for example, be set independently from that of the haulm and sieving web. The machine's settings can therefore be adjusted optimally. Aside from this, you will benefit from numerous automated functions, such as the automatically adjusted drive speed, as well as the automatically set intensity of the agitator system in the digging web, which will vary depending on the load.

Tires

The Spirit 9200i VW is equipped with 850/30.5 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. Radial tires and hydrostatic wheel drive are available for less supporting soils.

Traction

Hydrostatic wheel drive is available optionally. An additional hydraulic pump drives a 2815cc wheel motor on the right wheel and a 1745cc wheel motor on the left wheel. Consequently, the rear axle is provided with a traction capacity of 120 hp. The traction system – which is even more powerful than in the previous model – also excels in terms of user-friendliness: it can be operated via an intuitive supplementary keypad, while the ISOBUS control automatically detects whether the machine is moving forwards or backwards.

Picking-off table

The large picking-off table offers enough space for two people to perform a final inspection. All the settings for the cleaning modules can be operated from the picking-off table via the convenient keypad.

Digging unit

An optimum intake is a determining factor for the quality of the harvested product. Stable depth control, efficient pressure relief of the ridges and haulm processing capacity are all crucial factors in this. The standard AVR digging unit, with its large cutting discs (660 mm) and haulm intake rollers, plastic diabolos and hydraulic pressure relief offers all of the above.

Large driven discs (900 mm) are also available for more challenging conditions. If you prefer not to exert any pressure on the ridges at all, ACC depth control is the perfect solution. A sensor travels across the ridge and controls hydraulically driven depth adjustment wheels.

The digging unit can easily be removed and replaced. In addition to the potato digging unit, the machine can be supplied with quick-change digging units such as an onion windrow digging unit (two types) and a “universal” digging unit for other crops, such as red beets. The latter would then require the use of depth adjustment wheels and a wide harvesting share.



SOIL CULTIVATORS



POTATO PLANTERS



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CROP HANDLING

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