



Simply beautiful

220B Variant



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AVR[®]



The AVR 220B Variant: Capacity without concessions!

The Variant is a new developed 2 row bunkerharvester, mainly developed for our clients who wants to achieve a high capacity but with a simple machine.

AVR redeveloped the classic harvesting concept. This harvester is built according the typical progressive AVR principles, with straightforward techniques.

The key points of the Variant are the modern design, a high capacity and a high quality of provided work.



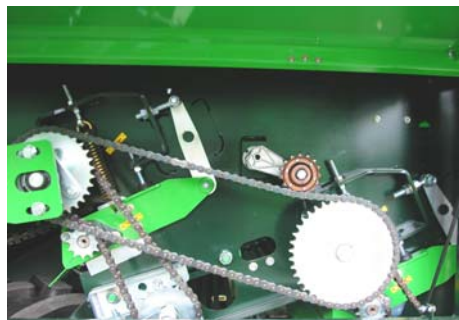
AVR Variant

The Variant is the smallest 2 row harvester from AVR, developed for customers who wants to achieve a high capacity at a reasonable price.

AVR introduces techniques that have been succesfull on our selfpropelled harvesters on to this pulled harvester, for example the elevator. The elevator with canvas inside was taken over from the four row selfpropelled Puma and has proved to be very efficient and potato-friendly. The digger unit of the Variant is the same unit as used on all AVR harvesters.

By using this techniques we want to increase the capacity and the quality of our harvesters.





Mechanical drive

The Variant is mechanically driven, only the bunker discharges hydraulically. The mechanical drive demands less maintenance and is cost-effective. Another advantage: the harvester needs less power to be driven.



Picking-off table

The picking-off table of the Variant has a width of one meter and there is room for 6 people. The potatoes are spread over the entire width of the picking-off table, which make it possible to efficiently sort the potatoes. The top of the picking-off table can be brought down very low into the bunker, which improves the quality of the harvested potatoes.



Efficient cleaning

The harvesting channel forms the start of the cleaning process. The three large sieving webs evacuate most of the loose soil. Two haulm rollers guarantee an efficient haulm processing. The large pintle belt (1.65 m width) takes care of the final cleaning.



Potato-friendly harvesting

The elevator of the Variant is built with canvas and active side panels. The flights in the elevator are covered with aircushions. These features are very important to prevent potato damage.



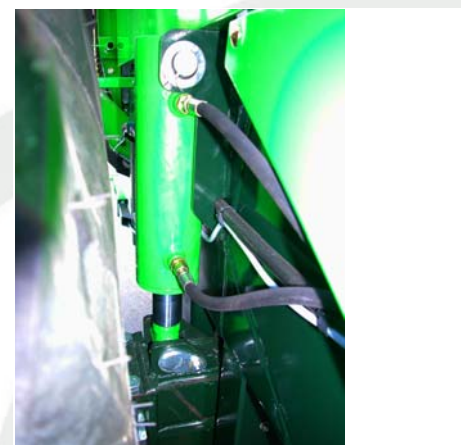
Bunker

The bunker has a capacity of 5 ton. Due to the double lifting the bunker can be lifted flat and high up to 4 meter. This discharging height makes it possible to discharge directly into a trailer. The bunker can be lifted horizontally, so the potatoes will not roll back into the bunker. In this way the potatoes will be less damaged.



Easy Control

All functions are controlled by an ergonomic joystick in the cabin of the tractor. The inclination of the pintle belt can be adjusted from the picking-off table, this enables you to respond faster to each situation.



Landlevelling

The Variant has standard hydraulic landlevelling. This ensures that the harvester stays flat on all circumstances, which ensures an even distribution of product over the entire width and surface of the sieving web and the pintle belt. The landlevelling keeps the harvester running at full capacity.

Technical Specifications



Standard Model

- 2 gears
- High pressure filter and manometer
- Electro-hydraulic valveblock Danfoss PVG 32 for oc/cc-ls
- Wheels left 600/55 R26,5
Right 18.4 R30
- Hydraulic brakes, road lights
- Hydraulic sideshift
- Hydraulic landlevelling
- Oscillating digging unit, pulled diabolos, pulled spring loaded discs
- Wide shares with disc distance 58cm
- Big haulm intake rollers
- Digging web (1.65 m width) with friction drive and double logs pitch 40
- Balans agitation, mechanical adjustable

- Rubbered haulm roller behind digging web and 1° sieving web
- Vulcanized sieving webs 1.65 m width, pitch 40
- Mechanically driven long pintle belt with roller (pitch 50), angle hydraulically adjustable
- Mechanically driven elevator 75 cm width, with canvas and active side panels
- Flights elevator covered with aircushions
- Picking off table, 1000 mm wide
- Bunker 5 ton with double lifting (flat & high, 4.0 m)
- Rubber covering of the bunker bars

Options

- Pneumatic breaks
- Accumulator on digging unit with manometer
- Cleaning roller in digging web
- Onion loading set

AVR

AVR has, for years now, been a leading and trend-setting supplier of equipment in the domain of the potato production. Great emphasis is placed on seedbed preparation, rotary cultivation, haulm topping and potato harvesting. Nevertheless, it goes without saying that AVR provides similar services for other tuberous plants. AVR has made its mark in this industry thanks, mainly, to continual product innovation and its close collaboration with end users.

This is the reason why we are able to produce equipment that is market-oriented. We deliver machines that are expressly tailored to suit the needs of the modern arable farmers. As a consequence, we help them optimize their operating yield.



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