



Spirit 6100

Single row offset harvester

New in the Spirit family!

The Spirit 6100 is new in the Spirit family, it is the big brother of the Spirit 4100. The well known harvesting concept of the Spirit harvesters is used to develop a single row offset harvester, with an even higher capacity. As such, the unfailing quality of single row harvesting becomes possible at a higher capacity!

Perfect separation

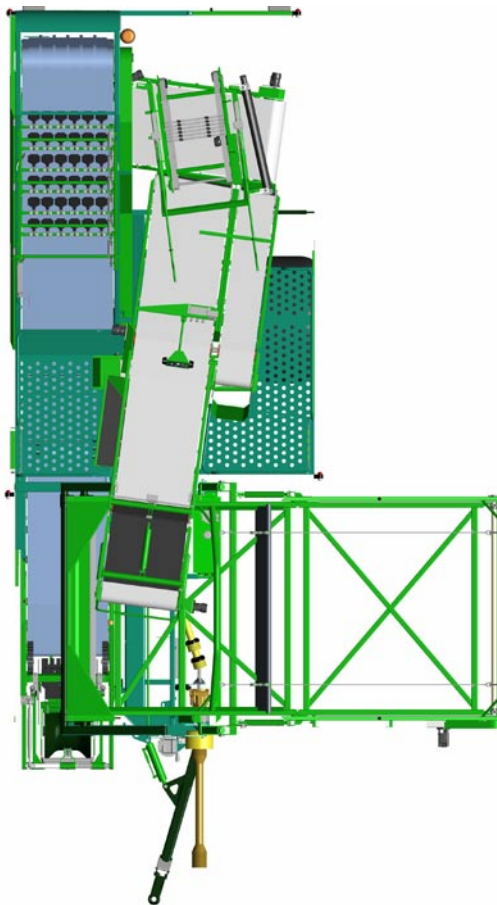
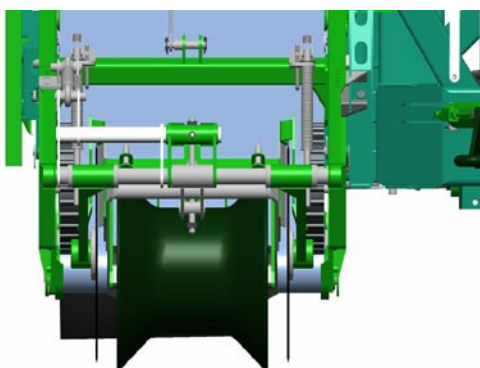
- High sieving capacity
- Haulm separation
 - haulm web
 - pintle belt
- Stone and en clod separation :
 - transversal pintle belt
 - rotor comb

Perfect harvesting quality !



Higher capacity

- Bunker 5.5 tons (8 m³)
- Wider digging canal
- Adjusted drive of the pintle belts
- Adjusted drive of the rotor comb

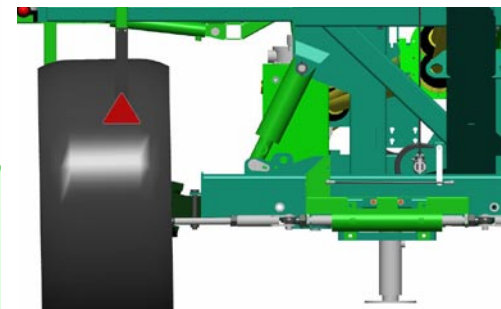


Top view of the machine

Landlevelling

- Standard mechanical levelling
- Possible options:
 - hydraulic levelling
 - automatic hydraulic levelling

*Optimal use of the sieving capacity !
Indispensable in hilly areas !*



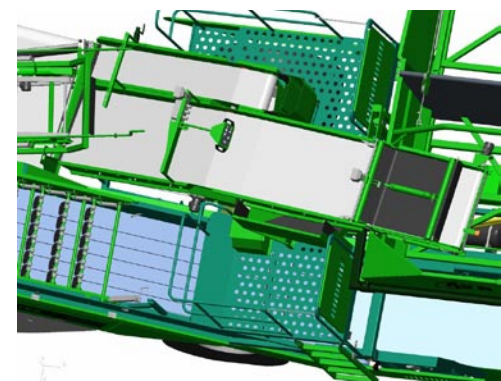
Disk grading setup

- Optional: grading rollers in picking table with variable adjustable width
- Separation small potatoes / stones
- 4 rollers
- Scissor adjustment
- Flat picking-off table with platform for 5 persons.

Operation

- Multifunctional joystick in tractor
- Control box on platform
- When choosing certain options:
 - Simplified CAN-bus system
 - Control screen in tractor

Easy to handle !



Flat picking-off table with large platform



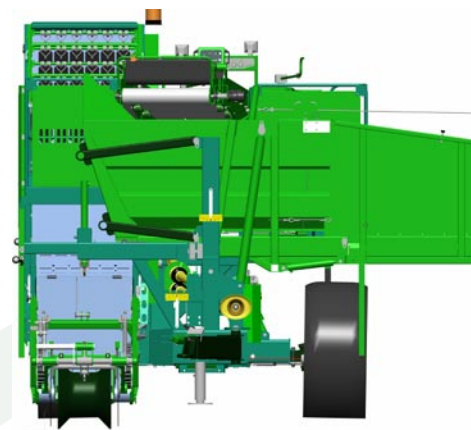
Standard equipment

- 3 gears on sieving web
- 2 gears on haulm web
- Hydraulic jack
- High pressure filter and manometer
- Control with joystick
- Own hydraulic system for driving longitudinal pintle belt, dual deflecting rollers, cross pintle belt, rotating finger comb
- Wheels 550/60 - 22.5
- Hydraulic steering wheels
- Hydraulic driven drawbar
- Drawbar with adjustable height
- Inclinations of both pintle belts together elekto - hydraulic adjustable
- Picking-off table , hydraulically driven, emergency stop, horn, platform (5 persons)
- Bunker of 5.5 tons
- Levelling of machine with mechanical spindle



Technical specifications

Dimensions (lxwxh)	8,82 x 3,00 x 3,70 m
Row distance	75 - 90 cm
Bunker capacity	5,5 Tonnen (8 m³)
Discharge height	4,0 m
Weight	6.500 kg
Power needed	ca. 66 kW / 90 hp



Some options

- Wheels 600/55 - 26.5
- Picking-off table with disk grading setup, 4 rollers, with variable adjustable width
- Stonebox under picking-off table
- (automatic) Hydraulic levelling
- Automatic reset steering wheels
- Automatic swan neck on picking-off table
- Automatic moving of bunkerfloor
- Pintle belt boost
- Onion loading set
- Mechanic or hydraulic fall breaker at bunker end (filling wooden boxes)

AVR

For years, AVR has been the leading supplier of machines for the potato harvest. The emphasis is on plant bed preparation, cultivation, haulm topping and harvesting of potatoes, but also of other tuberous plants. AVR stands out in this business thanks to constant product innovation and intensive cooperation with end users. That is the reason why we produce market-aimed and deliver machines that are completely adapted to the needs of modern arable farmers. As such, we help in optimising your overall output.



AVR bvba
 Meensesteenweg 545,
 8800 Roeselare, Belgium
 Tel +32 (0)51 245566
 Fax +32 (0)51 229561
 E-mail info@avr.be;
 www.avr.be