



# VARITRON 270

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Self-propelled harvesters excel with the perfectly matched combination of performance, driving comfort and manoeuvrability. The resulting harvest reliability, even under the most difficult conditions, plays a decisive role in many cases. With the new VARITRON 270, GRIMME offers a 2-row self-propelled harvester which can be equipped with an extensive range of separators. The VARITRON 270 achieves a high degree of manoeuvrability thanks to its wheeled chassis, which is fitted with large-volume tyres as standard and gives extreme soil protection in all conditions. The 7 ton bunker is used the whole time with effective capacity thanks to the rotating bunker web. A large number of automatic features for the harvesting process, which can all be conveniently controlled from the cabin, ensure a maximum working and driving comfort.



## New cabin

The new cab is equipped with 6 LED working lights, heating, air-conditioning, outside mirror heated, electrical adjustable and pneumatically foldable. The enlarged cab now offers the driver even more legroom.



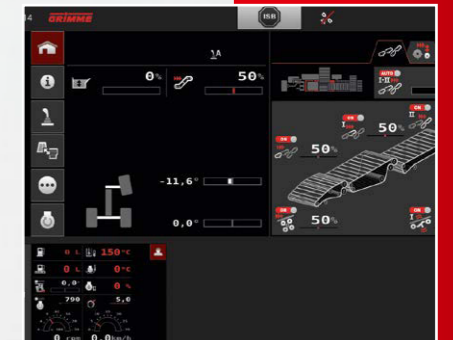
## CCI 1200 operator terminal incl. operator panel GDI

The large CCI 1200 operator terminal ensures convenient and intuitive operation. Optional ISOBUS applications can also be integrated.



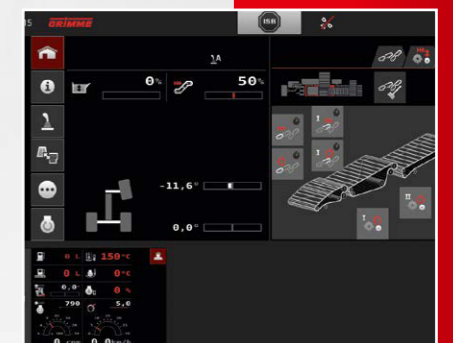
## Perfect separation result

In addition to the automatic speed adjustment of the separators ("Speedtronic-Sep"), with "Speedtronic-Web" the main web speed can be controlled fully automatically, load-dependently and in relation to the harvest speed, thus relieving the driver and protecting the crop.



## Reversing function

To remove and to prevent any blockage, all main webs, the fine haulm elevator and the ring elevator can be individually and conveniently reversed from the operator cab.



## "See - What you want and How you want it"

Thanks to the SmartView video system with up to eleven cameras, all relevant functions remain permanently in view. With many functions, such as live slow motion, the large display can be freely customized. All-round visibility in the dark is also significantly improved by the new LED ambient lighting.





### Attachment of a haulm topper

Optionally, the machine can be equipped ex works with a front front lifting mechanism for a haulm topper for optimum harvest preparation. Pre-chopping the haulm significantly increases the harvester's throughput, as the haulm is already shredded and can therefore be separated more easily.



### The perfect intake unit for every requirement

Thanks to the wide range of available intake units, a variety of soil conditions and crops can be harvested with the same machine.



### Optimum accessibility

Swinging the wheel back creates plenty of space for changing the various intake components.



### New changeover interface

Thanks to the new supporting fixture, which has easily accessible side mounting points, two people can quickly change the complete intake unit. All intake units are equipped with the same mounting points. The hydraulic functions are provided by connecting the quick couplings.



### Intake units

Available intake units for potato harvesting: Standard diablo rollers, half diablo rollers, conventional share blades and share plates made of plastic material.

For vegetable harvesting, the following intake units are also available: Intake paddle, brush web, finger-shares and a full width share blade.





### Depth control

The height of the intake unit is controlled either by TerraControl or TerraDisc. This allows the intake unit to be optimally adapted to all soil conditions.



### Variability of the main web pitch

A pitch between 35 mm and 50 mm can be selected for the intake web. For the first and second main web a pitch of 28 mm and 32 mm can also be used. For harvesting carrots in particular, so-called karowebs with a pitch of 45 mm to 64 mm are available.



### Two separators

It is possible to choose between one or two separators. In addition to the roller separator, the MultiSep is also available, so that either the combination of roller separator and MultiSep or the double MultiSep can be selected.



### Fine haulm elevator

The option of using two fine haulm elevators ensures precise and clean separation between the crop and the haulm. This configuration offers increased efficiency, even under demanding harvesting conditions.



### Elevator web

There are two versions of the elevator web to choose from. On the one hand, the elevator can be equipped with GRIMME-OptiBags (a perforated conveyor), which offers additional sieving performance. Alternatively, an elevator web with canvas can be selected, which is characterised by its high level of crop protection.





### Improved comfort for the picking staff

The picking table offers space for up to 4 people. A hydraulically lowerable weather roof can be selected as an option, providing a weather-resistant workplace. In combination with the LED lighting, the bright canopy ensures an unadulterated, colour-neutral inspection of the harvested crop.



### 7 t NonstopBunker

The patented, completely circulating bunker floor enables fast, gentle overloading without stopping during harvesting. The automatic bunker filling system ensures a consistent, low drop height and thus high crop protection.

### Rubber tracks for protection against ground compaction

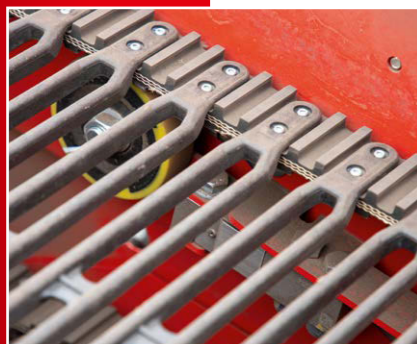
Optionally, the VARITRON 270 can be equipped with a rubber track on one side to ensure safe harvesting even in adverse and wet ground conditions.



### Telescopic axle

In conjunction with the rubber track, the right rear wheel can be shifted outwards by up to 550 mm, ensuring maximum driving stability.





### Mapping of gross crop weight

The system records yield differences within the field and documents the crop yields on a site-specific basis. Problem areas within the plot can be localized and logistics planning can be optimised. Measured values can be saved and transferred in ISO-XML format on a USB stick or wirelessly via myGRIMME.



### Hydrostatic wheel drive

The hydrostatic single-wheel drive incl. traction control (ETC), ensures that the traction for each individual wheel is controlled according to soil conditions. This ensures optimum traction even in adverse conditions.

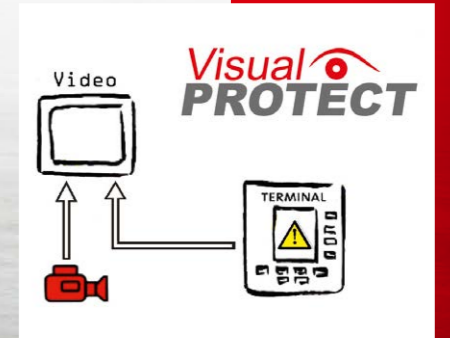
### Auto pilot

The intake is aligned with the automatic steering of the front wheels in the middle of the ridge. This ensures more precise driving with less risk of damage to the crop. This relief allows the driver to monitor the machine functions more effectively.



### Visual Protect Pro

The cameras switch automatically based on events such as the adjustment of a separator or a malfunction in a separator. The system automatically detects relevant events during harvesting and displays the corresponding camera image on the monitor. There is no need to switch manually from camera to camera. Visual Protect PRO thus reduces the risk of damage to crops and machinery.



# GRIMME regardless of brand used and more

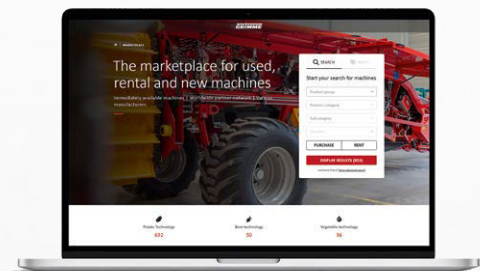
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