



# VT- and WV-SERIES

If onions are to be harvested in a split harvesting process, the ideal preparation involves combining the innovative vegetable topper (VT) with a rear-mounted vegetable windrower (WV). The front-mounted VT enables efficient haulm removal for onions and other vegetables with track widths from 150 cm to 225 cm. At the same time, the crop is gently windrowed using the WV in the same operation.

## VT 170/220

The VT 170 and VT 220 onion haulm toppers have been specially developed to optimise harvest preparation in a two-phase process. During development, particular attention was paid to compact design, sensitive and automated height control using angle sensors, and reducing the workload for the driver by minimising the number of settings.



### Exact height guidance

Thanks to the two skids, automatic height adjustment is possible, allowing the right and left sides to be adjusted independently of each other. This feature ensures a precise cut at the desired height and significantly minimises the risk of damaged crop.



### Automatic lowering and lifting at the headlands

The automatic height guide stops as soon as the machine is lifted. As soon as the feeler skids drop down when the machine is lifted, the support wheels are prevented from extending and retracting. To prevent the blades from scalping the onions when starting the next row, the support wheels are extended for a defined period of time.



### Innovative blade geometry

The machine features specially curved blades that generate strong suction, allowing it to lift and cut even low-lying, heavy onion tops. This new geometry ensures increased topping precision and minimises the risk of damage to the onions.



### Service- and maintenance friendly

Power is transmitted reliably via a centrally located gearbox above the middle rotor. Maintenance is considerably simplified thanks to the reduced number of belts and tensioners. In addition, the large maintenance flaps allow easy and convenient cleaning of the interior of the machine.



## WV-Series

The vegetable-windrower of the WV series is available in five working widths between 140 cm and 205 cm. The machines are usually used for two-phase, delayed harvesting in order to get shell-resistance and robust onions.



### Automatic height guidance

The chassis is equipped with automatic depth adjustment and skids, which ensure a constant lifting depth, reduce wear and tear and make the driver's job simpler.



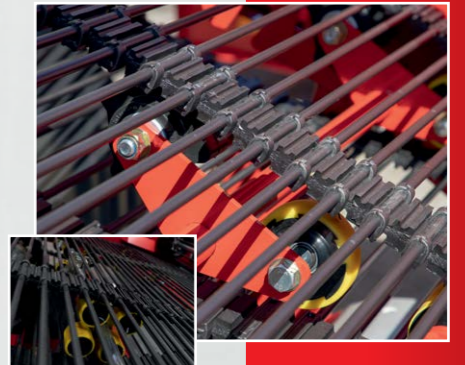
### Gentle crop intake

In addition to the rotating square shaft, floating and height-adjustable rubber paddles can reduce pressure on the crop. Two large disc coulters with a diameter of 650 mm prevent haulm from being pushed up. A full width share blade is also available as an option for different conditions.



### Main webs with an extra drop step

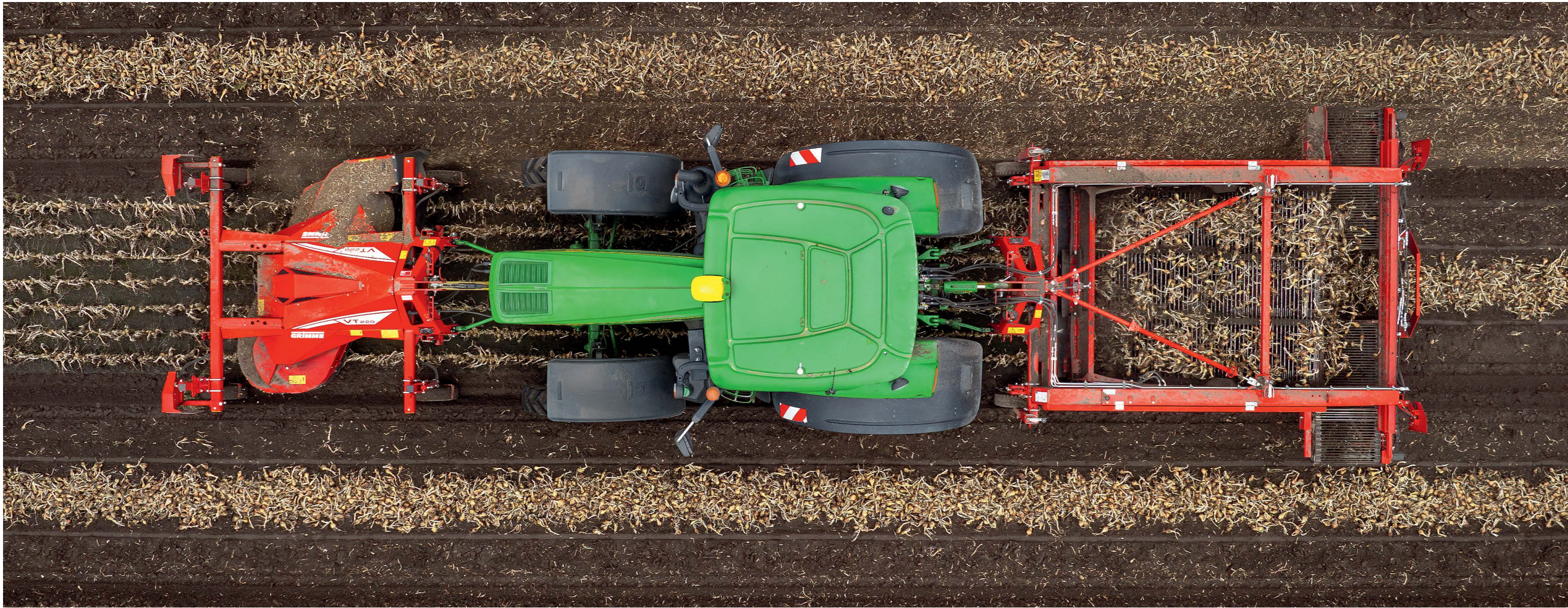
Two main webs provide an additional drop step and improved cleaning of the crop. High cam belts ensure gentle cleaning. In difficult conditions, both main webs can be optionally equipped with a mechanical or hydraulically driven web agitation.



### Bed roller with Boogie-System

The bed roller and support wheels enable precise pressure adjustment via a spindle. The Boogie System transfers power to the support wheel when the soil is pushed upwards, creating a 'bulldozer effect'. The bed roller creates a firm surface, improves the drying of the onions and thus reduces moisture damage and disease.



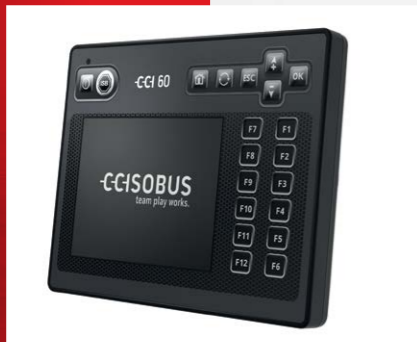


### Variability

Depending on the requirements of the agricultural business, the haulm topper can be configured for front or rear mounting only. Alternatively, there is a machine model that can be used for both front- and rear-attachment. Several chassis combinations are also available to suit all areas of application.

### Optimal windrowing deposit

The vegetable-windrower has a central chute, made of PVC, that gently deposits the harvested crop and prepares it optimally. Optionally, a hydraulic intermediate bunker can keep the headland clear or create additional space.



### Control and overview via ISOBUS

The machine can be conveniently and easily controlled and monitored via the tractor operator terminal or, alternatively, via the CCI terminal.

### Application in 2-phase harvesting process

The combination of a front-mounted haulm topper and a vegetable-windrower at the rear of the tractor enables efficient harvest preparation in a two-phase process. An optional crossbar is available that can combine several swaths. This solution saves one pass across the field and valuable working time.



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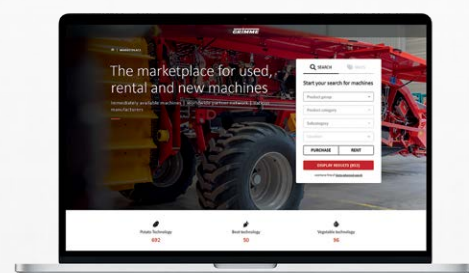
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