



DEWULF GK
TRAILED 2- OR
3-ROW TOP LIFTING
HARVESTERS



Soil
cultivation



Planting



Harvesting



Storage



Grading

dewulf
enjoy growing

EXQUISITE CRAFTSMANSHIP THROUGH THE YEARS

As carrot grower or agricultural contractor you are faced daily with ever stricter requirements that are placed upon you by the consumer. The ability to deliver these quality products on time is of crucial importance to ensure that the competition do not get the upper hand. In this context it is only natural that you have high expectations from your top lifting harvester. You need a reliable machine that can handle the most difficult conditions and do so in the most economical way. No other harvester can meet or exceed these expectations like Dewulf's top lifting harvesters do.



REVOLUTIONARY

The 1960s were the turning point in the way carrots are harvested. The arrival of the first Dewulf top lifting carrot harvester set new standards in quality and capacity. Dewulf has been active in the development of harvesting machines for various vegetables since 1946. The philosophy of striving for continuous innovation resulted in a huge expansion of exports in the mid-1960s. A revolutionary step was the introduction of the first self-propelled top lifting harvesters in the early 1970s. These days Dewulf provides a wide range of top lifting

harvesters, for one or more rows, to offer a suitable solution for every situation.

HIGHEST QUALITY

Thanks to the simple controls that allow the driver to concentrate fully on the harvesting process, harvesting with our trailed top lifting harvesters is truly sublime. The GK models are made from high-quality, wear-resistant standard components, which are available everywhere and simple to replace. Increased productivity and lower maintenance costs make harvesting with the GK series exceptionally enjoyable during the most critical time of year.

A PERFECT CUTTING RESULT STARTS WITH THE PICK-UP

An accurate cutting result depends very much on the moment when the carrots can be harvested. With the 14,000 mm long super-grip profile harvesting belts, the carrots are hung uniformly and accurately in the harvesting belt unit. Drive pulleys with a large diameter and the optional hydraulic belt tensioners guarantee continuity under the roughest conditions. The Floating Shares are a unique feature: two or three individual harvesting elements with independent harvesting shares. Thanks to this technology, small up-and-down movements of the harvesting element have no impact on the position of the share arms. This ensures maximum stability, even at high driving speeds. If you, as the driver, want to focus more fully on the harvesting, you can opt for Dewulf Automatic Steering (DAS). This incorporates two robust sensors that detect the haulm and correct the position of the cylinder on the drawbar.



ROTARY TORPEDOES

The two rotary torpedoes per element are equipped with Automatic Depth Control (ADC) via proportional sensors. Hydraulically driven rotary torpedoes are available as an option, allowing you to control their speed and rotational direction from the cabin.



TOPPING BLADE ARM PROTECTION

Dewulf has created an extra safety feature for the harvesting shares, in the form of an optional spring between the harvesting share and the chassis. This is particularly good to have in very stony fields.



HYDRAULICALLY DRIVEN ROLLERS

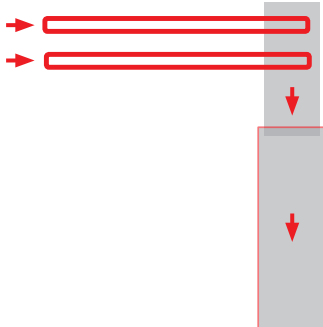
Rolls in front (option), below and behind the topping blades (standard) keep losses and blockages to a minimum.

DEWULF GKIIS

The GKIIS is a trailed 2-row top lifting harvester. After the cutter set, the product is transported to the discharge elevator by an 800 mm wide cross conveyor. Thanks to the long harvesting belts, the discharge elevator is also placed higher on the chassis. The product is therefore transported up at a significantly lower angle, so it does not fall back.



TECHNICAL SPECIFICATIONS	
Number of rows	2
Length [mm]	9551
Width [mm]	3288
Height [mm]	4000
Weight [kg] from	7100
Drive	1 LS-pump, 1 gear pump, oil cooler
PTO drive shaft	540 rpm
Hydraulic wheel drive (option)	2 x Poclain MSE11: 2.6 tonnes @ 330 bar

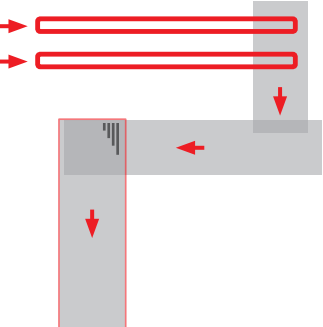


DEWULF GKIISL

The GKIISL is a trailed 2-row top lifting harvester with an extra waste conveyor. Downstream of the cutter set, the product is transported further by an 800 mm wide cross conveyor to the discharge conveyor. This discharge conveyor can serve as a buffer option or provide additional cleaning via a double agitator. A distributor is mounted at the end of the discharge conveyor that ensures an even distribution via the discharge elevator.



TECHNICAL SPECIFICATIONS	
Number of rows	2
Length [mm]	9551
Width [mm]	3288
Height [mm]	4000
Weight [kg] from	7200
Drive	1 LS-pump, 1 gear pump, oil cooler
PTO drive shaft	540 rpm
Hydraulic wheel drive (option)	2 x Poclain MSE11: 2.6 tonnes @ 330 bar



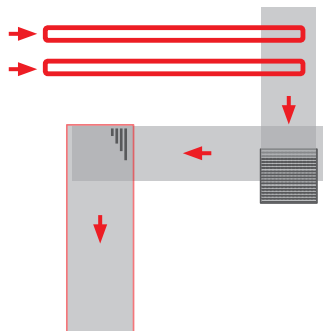
DEWULF GKIISE

The GKIISE is a trailed 2-row top lifting harvester with hedgehog unit and an extra waste conveyor. Downstream of the cutter set, the product is transported further by an 800 mm wide cross conveyor to the hedgehog web and discharge conveyor. The large contact surface area (1000 mm x 1680 mm) of the hedgehog web guarantees unsurpassed cleaning capacity. A distributor is mounted at the end of the discharge conveyor that ensures even distribution via the discharge elevator.



TECHNICAL SPECIFICATIONS

Number of rows	2
Length [mm]	9551
Width [mm]	3288
Height [mm]	4000
Weight [kg] from	7665
Drive	1 LS-pump, 1 gear pump, oil cooler
PTO drive shaft	540 rpm
Hydraulic wheel drive (option)	2 x Poclain MSE11: 2.6 tonnes @ 330 bar



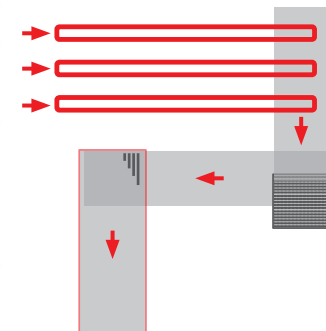
DEWULF GKIISE

The GKIISE is a trailed 3-row top lifting harvester with hedgehog unit and an extra waste conveyor. Downstream of the cutter set, the product is transported further by an 800 mm wide cross conveyor to the hedgehog web and discharge conveyor. The large contact surface area (1000 mm x 1680 mm) of the hedgehog web guarantees unsurpassed cleaning capacity. A distributor is mounted at the end of the discharge conveyor that ensures even distribution via the discharge elevator.



TECHNICAL SPECIFICATIONS

Number of rows	3
Length [mm]	9528
Width [mm]	4119
Height [mm]	4000
Weight [kg] from	9280
Drive	2 LS-pumps, 1 gear pump, oil cooler
PTO drive shaft	540 rpm
Hydraulic wheel drive (option)	2 x Poclain MSE11: 2.6 tonnes @ 330 bar



THE HEART OF A DEWULF TOP LIFTING HARVESTER

Whenever moving parts are exposed to dirt and liquid, the unavoidable result is accelerated wear. This is why Dewulf hermetically seals the bearings of the blades with **Labyrinth Sealing**. This provides the highest level of durability in the market. Even the smallest dust particles and corrosive plant fluids are prevented from coming into contact with the bearings. It also minimises the need for routine maintenance. Two lubrication nipples per head lubricate all six topping blades through a central grease channel within the housing. Because there are two lubrication nipples, one is always accessible for manual lubrication. An automatic lubrication system is available as an option.

The blades are driven by a maintenance-free **Gearbox Drive**. In contrast to conventional chain drives with a spring tensioner, two heavy-duty plate wheels ensure perfect synchronisation of the knives. As a result, the tops of the carrots remain undamaged and the blades last longer.

REINFORCED AGAINST OBSTRUCTIONS

Foreign objects such as wood will not obstruct the harvesting process, as the topping blades are spring-loaded and therefore always return to their original position. Moreover, the blades are fitted with a reversing device as standard, so any blockage can be cleared by simply reversing the direction of rotation.

**LABYRINTH
SEALING**



WORKING EASILY MEANS WORKING MORE QUICKLY

Working with Dewulf's trailed top lifting harvesters is extremely enjoyable thanks to a control unit and joystick. All the harvesting parameters can be adjusted with the control unit. The joystick has 20 buttons, providing direct control of adequate functions. Furthermore, it is possible to link various harvesting parameters to five configurable preselections. This allows you to completely reconfigure the machine at the touch of a button. An optional camera system makes it possible to optimally follow the entire product flow. When the driver wants to focus entirely on the pick-up, an optional remote control can be provided for drivers who come alongside with trailers, so they can operate the discharge elevator.



OPTIONS



SYNCR FLOW

With Dewulf Syncro Flow, the speed of the harvesting belts is synchronised with the driving speed. Via the control unit the speed of the harvesting belts can be slowed down or sped up by a certain percentage relative to the driving speed. This is also possible via a radar or the ISO connection of the tractor.



HYDRAULICALLY ADJUSTABLE ROW WIDTH

When you work with different sowing distances, hydraulically adjustable row width will give you maximum flexibility: it allows you to easily adjust the row width without the need for any tools.



BOX FILLER/FALL BREAKER

For filling boxes, the 1200 mm wide discharge elevator can be equipped with either of the two different mechanically adjustable loading chutes. A hydraulically adjustable fall breaker is also available.



QUICK RELEASE SYSTEM

A single handle for each harvesting element tightens or loosens all the element's support pulleys. This makes it much easier to replace a belt or remove blockages.



ROTARY CLEANERS

Those who require more intensive cleaning can opt for hydraulically driven rotary cleaners. There are two variants, and you can choose between two or three per element. Machines with cleaners can also be equipped with Rotary Cleaner Control. This option enables you to adjust the angle of all the rotary cleaners in each row and save this setting.



OPERATOR PLATFORM

An extra operator platform can be fitted to fully relieve the driver of responsibility for the unloading operations. It is equipped with a comfortable seat and operating console from which the discharge elevator is operated (option not available in the EU).



FLEXIBILITY FOR VARIOUS VEGETABLE CROPS

- Carrots
- Beetroot
- Parsnip
- Turnips
- Celeriac
- Root parsley
- ...

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