






DEWULF GB
1- OR 2-ROW
TRAILED TOP LIFTING
HARVESTER

 Soil cultivation

 Planting

 Harvesting

 Storage

 Grading

dewulf
enjoy growing

REVOLUTIONARY IN ITS CLASS

As carrot grower, or agricultural contractor you are faced daily with ever stricter requirements, that are placed upon you by the consumer. The marketing of quality products and the ability to deliver these on time is of crucial importance to ensure that the competition do not get the upper hand. In order to meet the high expectations placed upon you, you expect the same from your carrot harvester. You need a **RELIABLE** machine that can withstand the toughest of conditions, and in the most **ECONOMICAL** way. No other carrot harvester can exceed these expectations like the trailed Dewulf top lifting harvester.



PURE CRAFTSMANSHIP

The 1960s were the turning point for the way in which carrots were harvested. The arrival of the first Dewulf top lifting carrot harvester set new standards in quality and capacity. The philosophy of **INNOVATION** and striving towards constant improvements in the production process, resulted in a huge expansion of exports in the mid-1960s. A revolutionary step was the introduction of the first self-propelled carrot

harvesters in the early 1970s. These days, Dewulf provides a wide range of top lifting harvesters, in order to have a suitable solution for every situation.

HIGH QUALITY

Harvesting with the trailed top lifting harvester is sublime thanks to a simple operation which allows the driver to fully concentrate on harvesting. The GB models are made from high-quality, wear-resistant standard components, available everywhere and simple to replace. Less maintenance and the improving productivity make the harvest **ENJOYABLE** during the most demanding time of the year.

A PERFECT CUTTING RESULT STARTS WITH THE INTAKE

An accurate cutting result depends very much on the moment when the carrots can be harvested. For this the carrots have to be suspended uniformly and accurately in the top lifting mechanism. Unique are the 'Floating Shares', where each harvesting element has an independent depth control for its harvesting share, whereby maximum stability is guaranteed, even with high speeds. Small up-and-down movements of the picking element do not have any influence on the position of the share arms, where maximum stability is guaranteed.

FLOATING SHARE

HARVESTING BELTS

With the super-grip profile harvesting belts, Dewulf gives a new dimension to capacity, cleaning and product friendliness. Thanks to the large-sized belts, a greater capacity is achieved and harvesting can continue as conditions become more intense. A low inclination angle ensures a smooth and gentle crop intake. Drive pulleys with a large diameter and (optional rotary) belt cleaners and automatic belt tensioners (optional for GBC) guarantee continuity under the roughest conditions. The speed of the harvesting belts and topping blades are proportionally adjustable and reversible from the tractor.



TORPEDOS

The 2 (optional hydraulically driven rotary) torpedos per element ensure an accurate intake of the haulm. If you want, as a driver, to concentrate better on the actual harvesting process, you can opt for DAS (Dewulf Automatic Steering). Two robust sensors detect the crop and correct the positions of the cylinder on the pole.



CLEANING BELOW THE BELTS

Hydraulically-driven rotating cleaners if more intensive cleaning is required. (optional)



QUICK RELEASE SYSTEM

Via one handle per harvesting element all related tensioning rollers are tightened or loosened. This makes it also much easier to replace a harvesting belt or remove blockages. (optional)

DEWULF GBC

The GBC is a compact 1-row top lifting harvester, equipped with the latest technologies. Compared to the bigger GBI, the GBC has a more compact bunker and a shorter wheel base. The GBC is very versatile thanks to its reduced dimensions, its steered wheels and also because of the hydraulic cylinder on the drawbar. This way, a perfect positioning of the harvester is guaranteed, even on the smallest fields.



TECHNICAL DATA

Number of rows	1
Length harvesting belts	10 500 mm
Bunker capacity	6 m ³
Length	7450 mm
Width	3295 mm
Height	3612 mm
Weight	5500 kg

DEWULF GBI

The GBI harvester is a productive harvesting solution thanks to the 8,2 m³ hopper, which is ideal to ensure high capacity on larger fields. The bigger hedgehog unit (1000 mm x 1680 mm) ensures a maximum cleaning capacity. The inclination and speed are adjustable from the cabin. The big wheel set-up ensures a minimal soil compaction.



TECHNICAL DATA

Number of rows	1
Length harvesting belts	14 000 mm
Bunker capacity	8,2 m ³
Length	8731 mm
Width	3484 mm
Height	3729 mm
Weight	8950 kg

DEWULF GBII

With the GBII, you are able to harvest 2 rows which ensures maximum productivity and a very cost-effective harvesting solution. The large hedgehog unit (1000 mm x 1680 mm) ensures a maximum cleaning capacity. The inclination and speed are adjustable from the cabin. The big wheel set-up ensures a minimal soil compaction.



TECHNICAL DATA

Number of rows	2
Length harvesting belts	14 000 mm
Bunker capacity	8,2 m ³
Length	8731 mm
Width	3484 mm
Height	3729 mm
Weight	9500 kg

BUNKER WITH LOADING OPTIMIZATION

Thanks to the loading optimization of the bunker, you are able to increase the bunker capacity with 1,8 m³. This option is only possible for the GBI and GBII models. The discharge conveyor has a width of 800 mm. The low angle lets a high discharge capacity into the bunker.



THE BEST STABILITY ON THE MARKET

A side-shift for the left wheel (optional for GBC) provides a never seen stability.



THE HEART OF A DEWULF TOP LIFTING HARVESTER

Dewulf harvesters are equipped with the best cutter set in the market. Whenever moving parts are exposed to dirt and liquid, excessive wear will be the result. That is why Dewulf ensures the bearings of the cutter sets are hermetically sealed through a **'Labyrinth Sealing'**. This provides the highest degree of durability in the market, whereby even the smallest dust particles and aggressive plant fluids cannot gain access to the bearings. Routine maintenance is kept to a minimum. Two lubrication nipples per bearing housing lubricate all bearings through a central grease channel. Two lubrication nipples ensure that there is always one lubrication nipple available to lubricate manually.

The 6-cutter sets are driven by a maintenance-free **'Gearbox Drive'**. In contrast to conventional chain drive systems with a chain tensioner, two heavy-duty pinions ensure a perfect synchronisation of the two cutter sets. As a result, the tops of the carrots remain undamaged and the cutters last longer.

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. The two 6-cutter sets ensure an optimal topping result. Also the cutters are as standard sharp on both sides, so reversing the direction of the drive can clear blockages.



AUTOMATIC LUBRICATION SYSTEM

The automatic lubrication system (option) is your guarantee for a perfect lubrication of the bearing housings of the cutters, everywhere and at all times. You can therefore use your time optimally throughout the season.



HEDGEHOG BELT

The hedgehog unit removes earth from the crop and the rest of the earth from the product flow. In order to meet a variety of conditions this can be adjusted in inclination and speed. The large contact surface area of the hedgehog belt guarantees an unsurpassed cleaning capacity.



SHARE ARM PROTECTION

Dewulf has, via an optional spring between the harvesting share and the chassis, created an extra protective feature for the harvesting share if you are confronted with stony conditions.



HYDRAULICALLY DRIVEN ROLLERS

1 roller below cutter set (to avoid loss of carrots) + 1 entrance roller of the haulm cover (to avoid haulm accumulation on the frame of the cross conveyor. An optional hydraulically driven entrance roller of the cross conveyor is optional (not possible for GBC).



EASE OF WORKING MEANS QUICK WORKING

The trailed top lifting harvesters are **ENJOYABLE** to operate thanks to a control-unit and a joystick. Through the control-unit it is possible to adjust every harvesting function. The joystick has 20 buttons so that it is possible to directly operate sufficient functions. Furthermore, it is possible to link various adjustments in 5 configurable pre-sets. You can, for example, change the complete harvester adjustments by pushing a single button. An optionally camera system can be provided, which makes it possible to follow each detail of the product flow.

TECHNICAL DATA

• standard o optional - not possible

	GBC	GBI	GBII
Number of rows	1	1	2
Length harvesting belts [mm]	10 500	14 000	14 000
Share arm protection	o	o	o
Cutters	6-cutter set with flat cutters, each bearing housing has two lubrication nipples and labyrinth sealing. Hydraulically driven, synchronisation of the cutters is ensured by a closed gearbox.		
Automatic greasing system for cutters set	o	o	o
Torpedos	• : fixed / o : hydraulic	• : fixed / o : hydraulic	• : fixed / o : hydraulic
DPC (Dewulf Position Control)	o	•	•
DSC (Dewulf Synchronisation Control)	o	o	o
ADC (Automatic Depth Control)	o	o	•
DAS (Dewulf Automatic Steering)	o	o	o
Hydraulic belt fasteners	o	•	•
Hydraulically driven rollers: 1 roller below cutters set + 1 entrance roller of the haulm cover	o	•	•
CLEANING			
Rotary cleaners below the harvesting belts	o	o	o
Hedgehog unit	•	•	•
Hydraulic duo agitator in cross conveyor	o	o	o
BUNKER			
Automatic falling height from the discharge conveyor	o	•	•
Discharge height [mm] min/max	1300/3900	1300/3950	1300/3950
Capacity	6 m ³	• : 8,2 m ³ / o : 10 m ³	• : 8,2 m ³ / o : 10 m ³
TRACTOR			
Minimum tractor HP	80	120	120
PTO	540 rpm	540 rpm	540 rpm
AXLE			
Wheel set-up	Trelleborg 600/55 R26,5	left + right: Mitas 620/70 R30	
Optional wheel set-up 1	-	left + right: Trelleborg 850/45B R30,5	
Optional wheel set-up 2	-	left: Mitas 2x750 300/85 R42 + right: Trelleborg 850/45B R30,5	
Optional wheel set-up 3	-	left: Mitas 2x750 300/85 R42 + right: Mitas 620/70 R30	
Hydraulic wheel drive	o	o	o

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