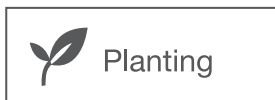




Soil
cultivation



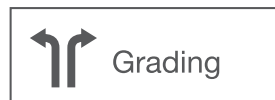
Planting



Harvesting



Storage



Grading

DEWULF P3
1-ROW 3-POINT LINKED
TOP-LIFTING
HARVESTER

dewulf
enjoy growing

HARVESTING WITHOUT A CARE

As a carrot grower you continuously face the challenge of meeting the demands of ever more critical consumers. Nothing is more important than delivering quality products. To meet these expectations, you need a **RELIABLE** world class top-lifting harvester. Dewulf offers a solution that is fully compatible with any logistics system: the modular 3-point linked top-lifting harvester. Every top lifter is produced with the highest quality materials and developed to meet the strictest requirements.



PURE CRAFTSMANSHIP

The 1960s were the turning point in the way carrots are harvested. The arrival of the first **INNOVATIVE** Dewulf top-lifting harvesters set new standards for quality and capacity. Dewulf has been active in the development of harvesting machines for various vegetables since 1946. The endeavour for continuous improvement of these top-lifting harvesters resulted in worldwide recognition from

the leading growers and contractors. The Dewulf P3 top-lifting harvester is an **ECONOMICAL** machine, designed to boost efficiency in order to meet the highest quality requirements. Its modular design makes it possible to perfectly configure the harvester to accommodate your specific working conditions. Operation is intuitive, attuned to your senses, which makes the work

exceptionally **ENJOYABLE**.

DEWULF P3K PROFI

The P3K Profi is a top-lifting harvester with a wide 3-section elevator that guarantees maximum capacity and minimum falling height. The separate sieving conveyor below the knives minimises product falling height while ensuring optimal filling of the discharge elevator. The discharge elevator can be operated with the optional remote controls from the accompanying tractor or via the keypad on the optional sorting platform.



TECHNICAL DATA

Discharge elevator	3-section
Width of discharge elevator [mm]	800
Oil tank [l]	72
Oil cooler	Standard
ADC (Automatic Depth Control)	Optional proportional
Wheels	2 x 15.0/55 R17

DEWULF P3K FARMER

The P3K Farmer is equipped with a wide 2-section elevator. After the topping blades the product flows directly to the elevator. The discharge elevator can be operated with the optional remote controls from the accompanying tractor.



TECHNICAL DATA

Discharge elevator	2-section
Width of discharge elevator [mm]	650
Oil tank [l]	50
Oil cooler	Optional
ADC (Automatic Depth Control)	Optional switching valve
Wheels	2 x 10.0/75 R15.3

DEWULF P3CL PROFI

The P3CL Profi is a top-lifting harvester for discharge directly into boxes. Thanks to the hydraulic lift you can very easily switch boxes. The associated support wheel folds in easily, reducing the road transport width to just 3264 mm. An optional platform allows you to inspect the product, if desired. The cross web, elevator system and hydraulic fall breaker can all be operated from the accompanying keypad.



TECHNICAL DATA

Forks	Hydraulically adjustable
Oil tank [l]	72
Oil cooler	Standard
ADC (Automatic Depth Control)	Optional proportional
Wheels	2 x 15.0/55 R17

DEWULF P3C FARMER

The P3C Farmer is also a top-lifting harvester developed to discharge directly into boxes. The harvester is equipped with fixed forks, and a platform can be added as an option. A hydraulic fall breaker is optional and is operated with a small joystick.

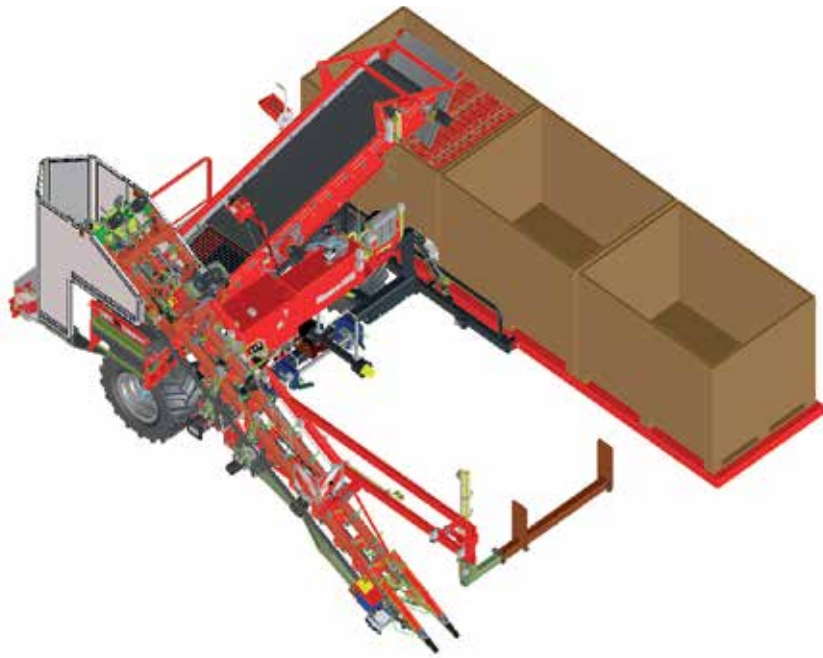


TECHNICAL DATA

Forks	Fixed
Oil tank [l]	50
Oil cooler	Optional
ADC (Automatic Depth Control)	Optional switching valve
Wheels	None

DEWULF P3CC PROFI

The P3CC Profi is standard equipped with a fixed, foldable platform for 3 boxes. This minimises time lost on logistics (also available without retractable platform as an option). The cross conveyor, container platform and hydraulic fall breaker can be operated from the optional sorting platform with accompanying keypad.



TECHNICAL DATA

Platform	Space for 3 boxes
Oil tank [l]	72
Oil cooler	Standard
ADC (Automatic Depth Control)	Optional proportional
Wheels	2 x 15.0/55 R17

DEWULF P3B FARMER

The P3B Farmer is fitted with a 1-tonne bunker, so you have everything you need to harvest alone. In short, this harvester makes you extremely flexible and the least dependent on logistics.



TECHNICAL DATA

Bunker capacity	1 tonne
Oil tank [l]	50
Oil cooler	Optional
ADC (Automatic Depth Control)	Optional switching valve
Wheels	2 x 10.0/75 R15.3

THE HEART OF A DEWULF TOP-LIFTING HARVESTER

Whenever moving parts are exposed to dirt and liquid, the result is accelerated wear. This is why Dewulf hermetically seals the bearings of the knives with **'Labyrinth Sealing'**. This provides the highest level of durability in the market, as 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 bearing housing lubricate all six bearings through a central lubrication passage within the housing. The reason there are two lubrication nipples is to ensure that one is always available for manual lubrication.

The knives 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 knives last longer.

Foreign objects, such as wood, have no impact on the harvesting process, since each cutter set is spring loaded and therefore always returns to its original position. Six knives per harvesting element result in an optimal topping result, and they are self-cleaning too. The standard knives are sharpened on both edges, so any blockage can be cleared by simply reversing the direction of rotation.



HYDRAULICALLY DRIVEN ROLLER

A hydraulically driven roller below the cutters prevents loss of carrots and accumulation of haulm (option only possible on the Profi models).



ROTARY TORPEDOES

The 2 rotary torpedoes (optionally hydraulically driven) per element guarantee precise lifting, resulting in perfect cutting. ADC (Automatic Depth Control) is optionally proportional on the Profi models and switching on the Farmer models.



CLEANING BELOW THE HARVESTING BELTS

Hydraulically driven rotary cleaners if more intensive cleaning is required (option).



SORTING PLATFORM

The harvester can be optionally equipped with a sorting platform and emergency stop. On the Profi models this option also includes a keypad. This makes it possible to operate various harvester functions so the driver can focus entirely on the lifting.



P3K Profi



P3K Farmer

WORKING WITH EASE MEANS WORKING MORE QUICKLY

Working with the P3 top-lifting harvesters is extremely **ENJOYABLE** thanks to the intuitive operating console. It was specifically designed to enable the user to harvest perfect product with a minimum of operations. Self-explanatory icons indicate which function is associated with each control. The operating console communicates via CANBUS on the Profi models.

TECHNICAL DATA

• standard o optional - not possible

	P3K Profi	P3K Farmer	P3CL Profi	P3C Farmer	P3CC Profi	P3B Farmer
Length of the harvesting belts [mm]	8000	8000	8000	8000	8000	8000
Share arm protection	o	o	o	o	o	o
Cutters set	6-cutters set with flat knives, each bearing housing has two bearings and labyrinth sealing. Hydraulically driven; synchronisation of the cutters is achieved through a sealed gearbox.					
Fixed torpedoes	•	•	•	•	•	•
Hydraulically driven torpedoes	o	o	o	o	o	o
DSC (Dewulf Synchronisation Control)	o	-	o	-	o	-
ADC (Automatic Depth Control)	o	o	o	o	o	o
Automatic hydraulic belt tensioners	o	-	o	-	o	-
Hydraulically driven roller below cutters	o	-	o	-	o	-
Harvesting share for red beet or celeriac	o	o	o	o	o	o
Width of cross conveyors [mm]	610	-	610	610	610	800
Sieving harvesting unit instead of harvesting belt unit	o	-	o	o	o	o
Sorting platform	o	o	o	o	o	o
CLEANING						
Rotary cleaners below the harvesting belts	o	o	o	o	o	o
Hydraulic duo agitator in the cross conveyor	o	o	o	o	o	o
ELEVATOR						
Discharge elevator width [mm]	800	650				
Max. discharge height [mm]	4000	3500				
Loading chute	o	o				
FORKS						
Hydraulically adjustable			•	-	-	
Fall breaker at the end of the cross conveyor			•	o	•	
BUNKER						
Capacity						1 ton
Max. discharge height [mm]						2500
TRACTOR						
Minimum tractor power [hp]	80	80	60	60	90	80
PTO speed [rpm]	540	540	540	540	540	540

Moorseelsesteenweg 20
8800 Roeselare
Belgium

+32 51 20 58 71
www.dewulfgroup.com
info@dewulfgroup.com

dewulf
enjoy growing