



Soil
cultivation



Planting



Harvesting



Storage



Grading

DEWULF ENDURO
4-ROW
SELF-PROPELLED
SIEVING HARVESTER

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enjoy growing

RELIABLE EXPERTISE ENHANCED WITH NEW TECHNOLOGY

When you choose Enduro, you are choosing a well thought-out harvester. The machine was developed in close collaboration with a number of professional growers. Thanks to their feedback, we can now offer a top-class machine within the segment of 4-row self-propelled harvesters on tyres.

At Dewulf we never make compromises, as you will discover when you take a closer look at the harvester.



PURE CRAFTSMANSHIP

We at Dewulf are especially well known for our reliable self-propelled harvesters. In 2019 we celebrated 30 years since the introduction of our renowned R3060 self-propelled 2-row sieving harvester. And our 4-row Kwatro – master of the field – also already has over 10 years of proven reliability. Through the years we have gained considerable expertise in self-propelled harvesting technology. In the

Enduro you will find the reliable technology that has proved itself in both of those harvesters, now accompanied by new technologies. This includes optimisations in the areas of ground pressure, sieving capacity, product flow, cleaning and buffer capacity.

HIGHEST QUALITY

Thanks to the simple controls that allow the driver to concentrate fully on harvesting, working with the Enduro is truly sublime. The harvester is built from high quality, easily replaceable standard components that are available worldwide. Reduced maintenance and increased productivity make harvesting enjoyable during the most crucial time of year.



A PERFECT HARVESTING RESULT STARTS WITH THE PICK-UP



DIABOLO KIT

The Enduro is standard equipped with a diabolo kit (diabolos + cutting discs) and APC (automatic pressure control). APC ensures the necessary pressure on the diabolos and can be set in advance. The harvesting unit can be further enhanced with ADC (automatic depth control) and DAS (Dewulf automatic steering).



HYDRAULICALLY DRIVEN CUTTING DISCS

When you are confronted with wet conditions, the hydraulically driven cutting discs provide an important advantage. The ridges are not compacted as they enter the harvester, so you can achieve optimal cleaning.



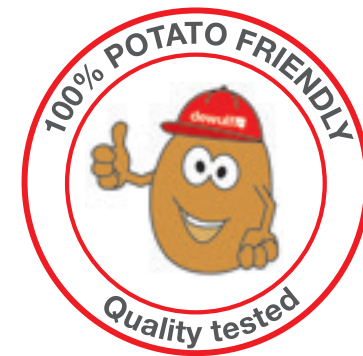
DIABOLO KIT + DRIVEN CUTTING DISCS

Want to combine the best of both worlds? Then the diabolo kit with driven cutting discs is the ideal solution. With this harvesting unit you can have the diabolos float above the ridges when the conditions become more difficult.

GUARANTEED POTATO QUALITY

The Enduro is so well balanced that the ground pressure has been reduced to a minimum, enabling it to achieve nearly the same result as a machine on tracks. The weight distribution has been so carefully optimised that the pressure of the front wheels is negligible, so the ridges are not damaged during harvesting.

With Dewulf Syncro Flow, the speed of the sieving webs is synchronised with the driving speed. Via the control-unit, the speed of the sieving webs can be slowed down or sped up by a percentage relative to the driving speed. This way you maintain sufficient soil in the entire product flow through the machine.



OPTIMAL HAULM PROCESSING



HAULM TOPPER

The Enduro can be equipped with a halm topper with side removal and halm spreader. The halm topper features superbly balanced flail distribution, resulting in high suction power. The rotor hood is largely made of wear-resistant synthetic material, which prevents the clumping of soil. The ADC (automatic depth control) with two skids perfectly follows the ridges.



HYDRAULICALLY DRIVEN TORPEDO

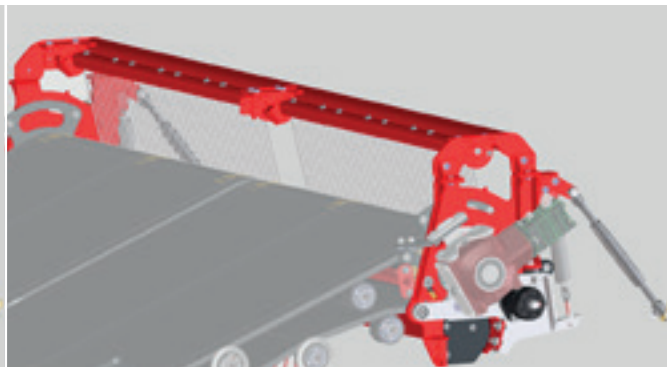
The harvesting unit is split into two parts, which means it is also very easy to harvest two rows rather than four. A hydraulically driven torpedo prevents halm build-up in the middle.

2 HAULM ROLLERS



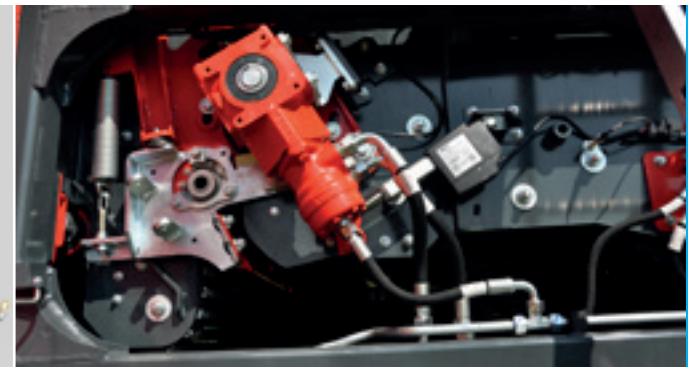
RUBBERED HAULM HOOKS

With rubbered halm hooks you get maximum yield from your halm rollers.



ERTALON HAULM TINES

For those seeking an extra product-friendly way to remove halm, Ertalon guides are the ideal solution.



ELECTRIC ADJUSTMENT OF HAULM ROLLERS

The simplified manually adjustable halm rollers can optionally be made electrically adjustable from the cabin.



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SIEVING PATH WITHOUT CONSTRICTIONS

Dewulf 4-row harvesters are the only ones in the world that have no constrictions along the first, second and third sieving webs. The result is optimal sieving capacity throughout the machine. An optional star agitator in each digger web provides additional sieving capacity. Sieving conveyor 2 comes standard with two eccentric agitators

(star agitators are optional). The ideal, easily adjustable haulm rollers, at the end of sieving conveyor 2 and sieving conveyor 3, ensure perfect haulm processing. In addition, sieving conveyor 3 can be fitted with an eccentric agitator or star agitator. For sieving conveyor 1 and sieving conveyor 2 there is a choice of bar webs in steps of 36-40-44-50.

Sieving conveyor 3 and sieving conveyor 4 can be fitted with a covered bar web in steps of 35-40-44. Through the use of glass fibre technology in the sieving webs, we provide a light machine with large sieving capacity (up to 50% more than similar models).



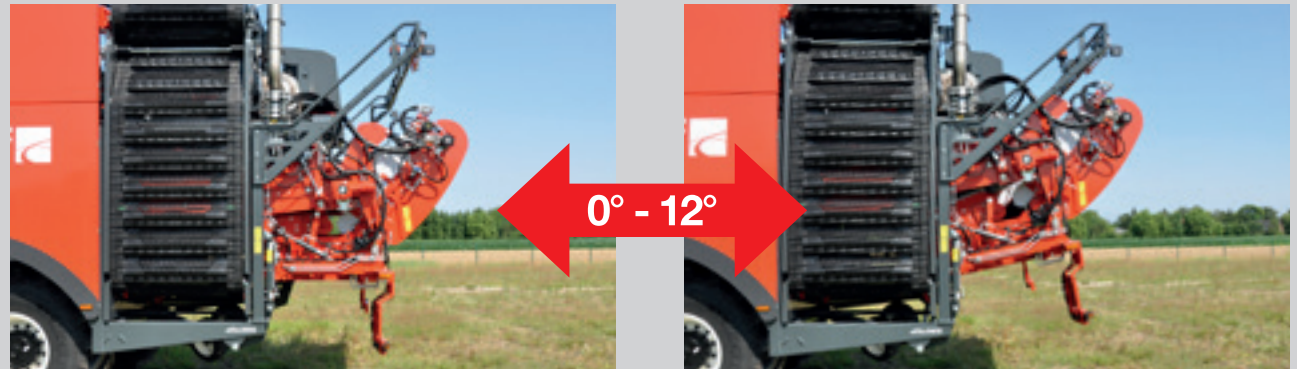
OPTIMAL CLEANING, WHEREVER AND WHENEVER YOU WANT

In wet conditions harvested potatoes tend to stick together in clods. The Enduro first transports the potato flow over a wide hedgehog web that breaks up these clods into smaller clods before they reach the cleaning module. This boosts the cleaning capacity,

and the potato flow is perfectly distributed across the entire width. Even in dry conditions, the hedgehog web serves as the ideal cleaner for residual haulm and weeds.

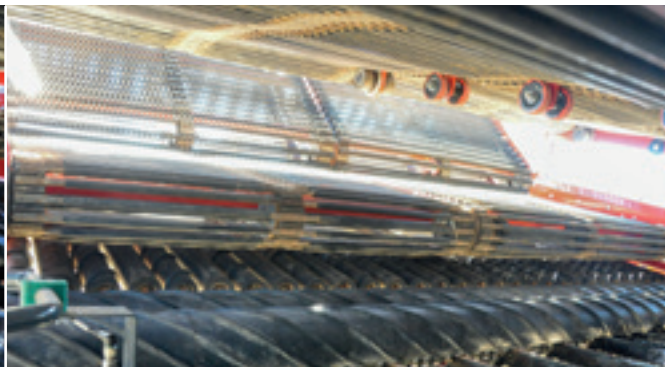
UNIQUE ADJUSTMENT

The adjustment of the modular cleaning unit on the Enduro is unique in the world. It allows the driver to steplessly adjust the inclination, from 0° to 12°, based on the cleaning need at that moment. Moreover, the axial module can also be completely bypassed at any inclination angle.



AXIAL MODULE

As standard, the Enduro is equipped with an axial module with 30 speed-adjustable rollers. Two fall-breaker rollers ensure that the Fill-Tastic (our unique ring elevator) is filled across its entire width. This ensures extremely potato-friendly transport.



AXIAL MODULE WITH BYPASS

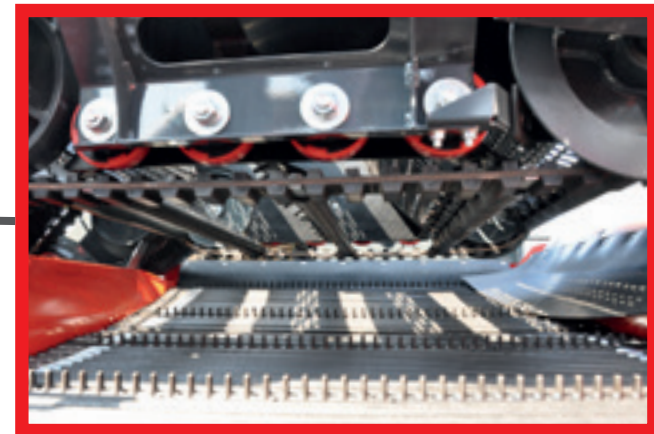
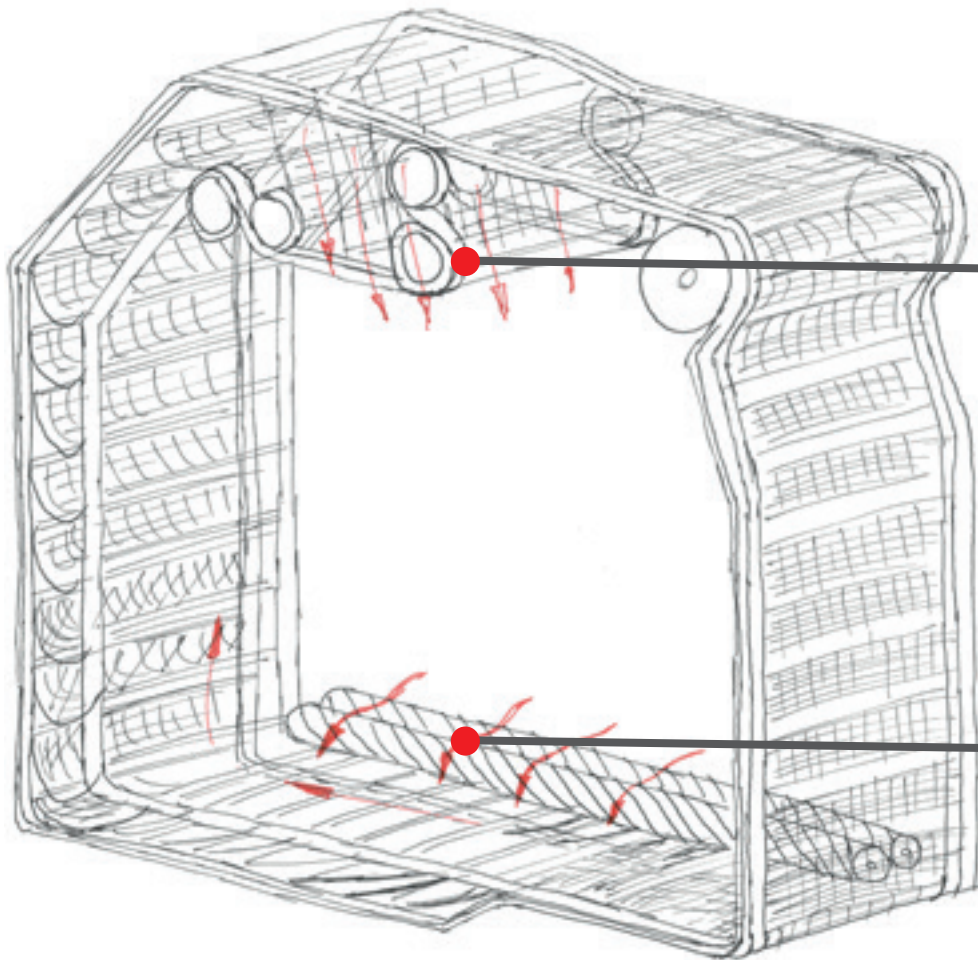
Optionally, you can choose a bypass system in combination with an axial module. This allows you to respond quickly and very flexibly to the harvesting conditions to achieve the desired cleaning.

RING ELEVATOR WITH HIGHEST CAPACITY AND POTATO-FRIENDLINESS

The Enduro makes use of the 'Fill-Tastic', a patented, new technology that was developed to intelligently increase the capacity per hour while also handling the potatoes with unprecedented product-friendliness. Our ring elevator has a capacity of 200 tonnes/hour at a very potato-friendly speed (!). The system achieves this through use of wide bags,

an ultrasonic sensor that actively determines the optimal speed and no contra-chain. The sensor continuously monitors the fill level of each bag and automatically adjusts the speed to accommodate the supply of product. Naturally, the capacity can be further increased as a percentage if desired or set as a fixed speed. The Fill-Tastic is standard

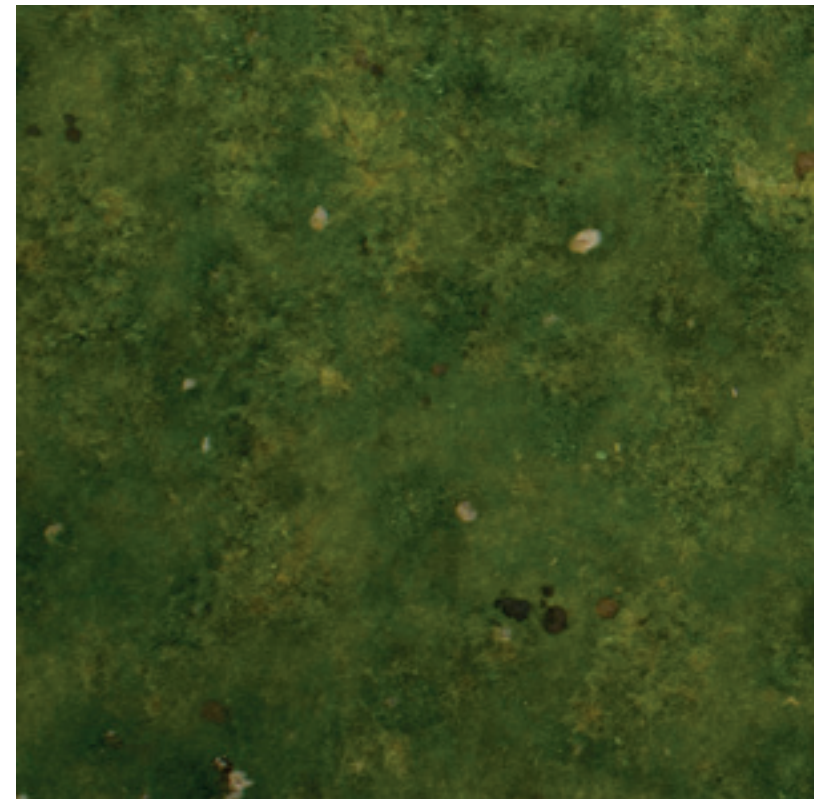
equipped with perforated bags which, to a certain degree, guarantee sieving capacity. Optionally, you can choose closed bags (ideal for small calibres).





BUNKER OF 12.3 M³

The Enduro has a very spacious 2-part bunker with a capacity of 12.3 m³. This bunker provides extra sieving capacity during unloading: the bunker floor is followed by a discharge elevator with bar web that sieves out excess soil. With the Enduro, unloading is extra product-friendly, because it uses an upwardly sloping bunker floor rather than a transition roller. The discharge elevator also spans four entire rows, which allows you to easily unload the bunker into a tipper while driving. Moreover, the top of the discharge elevator can be tilted during unloading to minimise the drop height of the product in the tipper.





HIGH MANOEUVRABILITY & UNEQUALLED LOW GROUND PRESSURE

The Enduro is standard equipped with three axles. Thanks to the good weight distribution to the wide rear wheels, the front wheels are compacter than those of similar models. As a result, it was possible to make the harvester 20 cm shorter, which is beneficial for the turning circle. The steering deflection of the front axle is 60°, and that of the rear axle is up to 30°. This means that the outer turning circle of the Enduro is just 9 metres, and it is exceptionally manoeuvrable.

Our engineers have specially designed the machine so the centre of gravity could be shifted more towards the rear. As such, the front wheels exert minimal pressure on the ground and they leave the ridges completely undamaged during harvesting. The double axle at the rear also helps minimise ground pressure here and offers unparalleled traction. With this arrangement the pressure per square centimetre could effectively be halved. These features all

ensure that the Enduro protects the soil quality. Therefore, the Enduro is really and truly a 'Soil-Saver'.



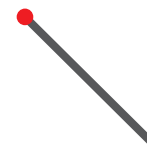
Standard:

- 2 x Alliance 270/95 R48

Optional:

- 2 x Alliance 270/95 R48 VF = **1,8 kg/cm²**

 **SOIL-SAVER**



Standard:

- 4 x BKT 750/65 R26

Optional:

- 4 x Michelin 750/65 R26 VF = **1,5 kg/cm²**





Have you heard about Dewulf's Super Vision? It is an automatic triggering system for the cameras. When a particular event occurs, the HD camera image of that part of the machine is immediately displayed on a large screen.

A WORK ENVIRONMENT IN WHICH YOU FEEL AT HOME

With the roomy new Claas cabin, Dewulf has created an enjoyable working environment focused on the driver. Comfort and ergonomics have been given new meaning. Thanks to an excellent view of the harvesting unit, the harvesting experience with the Enduro is sublime. The harvester is very easy to operate by means of a new joystick and control-unit.

Thanks to the ergonomically designed joystick, which we call the N-joystick, your hand lies in a comfortable horizontal position. Moreover, all the buttons are located within 'thumb's reach', so you can work with utmost productivity.

The Enduro's operator terminal is also completely new. This large, well-organised display is a full touchscreen. The software was specially developed for this harvester in-house and is a further development of the user-friendly interface you have come to expect from a Dewulf harvester.

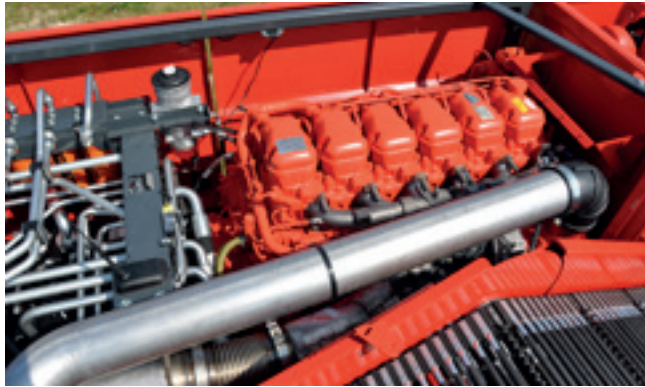
There are also pedals to control the 6-wheel steering and machine inclination.



POWERFUL ENGINE, LOW FUEL CONSUMPTION

The Enduro is equipped with a 450 hp Scania DC13 Stage V engine. The cooling works independently from the engine and as a result offers more freedom in regard to the engine speed. All the cooling circuits are connected to two radiators (H₂O, intercooler, oil and air conditioning) with proportional control of the reversible fan. The engine is compliant with the most stringent emission standards.

On the road the engine speed is limited to 1550 rpm and the normal operating range lies between 1250 rpm and 1750 rpm (depending on the conditions). In this way, high performance is achieved in the most economical way.



THE HIGHEST QUALITY AND ACCESSIBILITY

The harvester is built with the highest quality standard materials in the market and is designed to meet the most stringent requirements. Thanks to the use of pipes wherever possible, we avoid friction between hoses and guarantee maximum service life. Moreover,

all the daily check points and the cap for the fuel tank are very easy to reach using the supplied ladder.



TECHNICAL DATA

• standard

o optional

HARVESTING UNIT	
Width of digger web [mm]	2 x 1460
Diabolo kit	•
Hydraulically driven cutting discs	o
Diabolo kit + driven cutting discs	o
APC (automatic pressure control)	•
Syncro Flow	•
DAS (Dewulf automatic steering)	o
ADC (automatic depth control)	o
SIEVING CONVEYORS	
Length sieving conveyor 1 [mm]	1870
Length sieving conveyor 2 [mm]	3250
Length sieving conveyor 3 [mm]	2280
Length sieving conveyor 4 [mm]	2370
HAULM REMOVAL	
Haulm topper with side discharge	o
2 haulm rollers	•
CLEANING	
Rotary agitator in sieving conveyor 1	o
Two eccentric agitators in sieving web 2	•
Two star agitators in sieving conveyor 2	o
Eccentric/star agitator in sieving conveyor 3	•
Hedgehog unit	•
Axial module	•
Easyclean module	o
Axial module with bypass	o

FILL-TASTIC (ring elevator)	
Capacity [tonnes/hour]	200
Perforated bags	•
Closed bags	o
BUNKER	
Unloading height min/max [mm]	2610/4200
2-part bunker	•
Automatic filling	•
Automatic oil lubrication system	o
Capacity [m³]	12.3
ENGINE	
Type	Scania DC13 , EU stage V
Power	331 KW (450 hp)
Engine speed during harvesting [rpm]	1250 - 1750
Fuel tank [l]	725
AdBlue tank [l]	60
DIMENSIONS	
Total length [mm]	14 870
Total width [mm]	3500
Total height [mm]	4000
Weight from [kg]	27 000
Front wheels	2 x Alliance 270/95 R48: • 2 x Alliance 270/95 R48 VF: o
Rear wheels	4 x BKT 750/65 R26: • 4 x Michelin 750/65 R26 VF: o



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