



Soil
cultivation



Planting



Harvesting



Storage



Grading

DEWULF FIELD LOADER
TRANSFER COMBI

dewulf
enjoy growing

MORE NET PRODUCT IN THE TRUCK

With the Field Loader, growers drastically reduce the amount of soil and waste that accompanies the product during loading in the field. This is because tipping trailers can unload the product directly into the transfer combi for cleaning and inspection before it

is loaded into a truck. With this machine, transport vehicles are optimally filled with net product, and the chance of price deductions when delivering potatoes from the field directly to the factory is greatly reduced.



RELIABLE

The MH receiving hopper from Dewulf is the starting point for reliable transfer with the Field Loader. The spacious bunker provides buffer capacity, after which product-friendly cleaning is possible. Your product can be inspected before

it is taken away in a truck. Delivering clean product, straight from the field? The Field Loader is the solution!

COMPACT

The Field Loader excels through its compact construction and manoeuvrability. Moreover, it is ready for use in less than three minutes.

FIELD LOADER 240

The Field Loader 240 uses the renowned receiving hopper, MH 240. Despite its compact construction, it has a sufficiently large buffer capacity.



TECHNICAL SPECIFICATIONS

Length (transport position)	11 254 mm	36.9 ft
Width max. (transport position)	3244 mm	10.6 ft
Height (transport position)	3991 mm	13.1 ft
Entry width bunker	3090 mm	10.1 ft
Width bunker floor	2400 mm	7.9 ft
Bunker capacity	13 – 15 m ³	460 - 530 ft ³

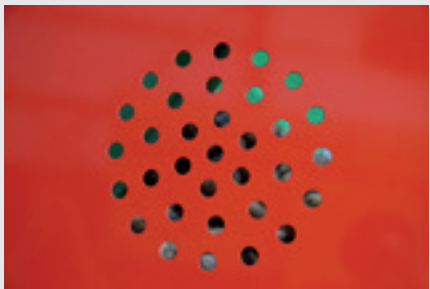
HIGH QUALITY AND USER-FRIENDLY

The robust construction of the bunker guarantees the highest durability in the market. The special support at the intake end prevents sagging of the bunker floor, so the use of large trailers poses no problem. The heavy-duty, specially hardened bunker chain guarantees maximum service life with minimum maintenance.

The product-friendly bunker floor with canvas has an excellent carrying effect. Loss of product is prevented by the bunker's extra high side boards and the sturdy double rubber flaps (extra rubber flaps are optional) at the intake end for a perfect seal. Perforations on the side boards on both sides provide a good view of the emptying tipping trailer and the filling of the receiving hopper.



Strong carrying capacity



User-friendly

TAILOR-MADE CLEANING

The wide roller unit behind the bunker provides good cleaning and grading. The roller unit has ten spiral rollers, allowing adjustment of the inclination angle and gap width with perfect precision. For speed adjustment you can choose between two motors with one frequency inverter and ten motors with two frequency inverters (even or odd rollers). Both offer continuously variable speed adjustment between 55 and 155 rpm.

The spiral rollers are suitable for various types of soil, even in stony areas. With their closed design, they guarantee the best cleaning without haulm wrapping around the roller. In combination with the optional Smart-Pin, you always work at maximum efficiency, without interruption.



INSPECTION TABLE



INSPECTION TABLE

The two short belt conveyors behind the roller unit bring the product to the inspection table in the middle of the machine. There is space for two people to inspect the product.



The inspection table is 90 cm (35") wide. Long rubber flaps guide the product during transfer to the discharge elevator.



CONTROL BOX

The control box is located above the inspection table and is accessible from both sides. The control box consists of:

- Indicator lamp for overheating motor
- Emergency stop
- Start and stop button
- MH-Control on/off
- Bunker floor speed control + MH-Control
- Roller unit speed control
- Inspection table speed control
- Discharge elevator speed control

DISCHARGE ELEVATOR

The 112 cm (44") wide, 4-piece, product-friendly discharge elevator of the Field Loader has an extremely wide pivot range of 120° (60° left + 60° right) and can reach deep into a truck. Active side plates and soft flights prevent product damage. Optionally, it is possible to fit the discharge elevator web with a canvas that has a self-cleaning effect or with a twin bar.

If the discharge elevator is placed at too steep an angle, the entire transfer combi automatically switches off to prevent falling product. The large drive pulleys at the top of the discharge elevator ensure quick unloading in all conditions. Moreover, the discharge elevator features robust construction to ensure exceptional durability and reliability.

MAXIMUM STABILITY

No fewer than five hydraulic support legs (one at each corner of the machine and one in the middle, beneath the machine) guarantee maximum stability. Each support leg can be individually operated to level the machine in the length and width. The two support legs at the front can lift the machine 27 cm (11") for easy attachment to the tractor without the need for an additional machine. The large plates on the bottom of the support leg prevent them from sinking into the ground.



OPTIONS



MH-CONTROL

Two sensors are used to control the speed of the bunker floor, which further boosts capacity. Thanks to the continuous discharge of product, the belt conveyors are optimally filled without the need for manual adjustment. This is your guarantee of maximum product friendliness.



SMART-PIN

Thanks to the Smart-Pin, a hard-wearing pin that runs between the spiral rollers, you are assured consistent product cleaning quality without interruption of the storage process. A second pin can be added when you are confronted with harsh conditions. In addition, there is also a retractable Smart-Pin, for prevention of haulm build-up.



HIGH & VARIABLE INTAKE BOARD

The high intake board is a sturdy rubber flap and makes buffering the product possible during storage from boxes or directly from the bunker harvester. A variable intake board is the solution when various trailers are used. This is easy to adjust up and down within a height range of 85 to 120 cm (33" to 47"). This prevents spilling of product.



EXTRA RUBBER FLAP

When you use narrow transport vehicles, the extra rubber flaps provide a solution for preventing roll-back and spilling of the product alongside the transport vehicle.



WASTE CONVEYORS

A waste conveyor to the left and right sides of the inspection table takes sorted out clods to the wide discharge conveyor under the roller unit.



PIVOTABLE DISCHARGE CONVEYOR

With a pivotable discharge conveyor that is 40 cm wide and 4 m long (with flights), it is possible to carry waste from the roller unit and inspection table farther from the machine. This has a pivot range of 140° and a discharge height of 180 cm (70").

OPTIONS



GENERATOR

With a built-in diesel generator (30 kVA, 400/230 V) and 90 litre (24 gal) fuel tank, the Field Loader can be used anywhere. The quiet generator (80 dB max.) can also be easily detached so it can be used for other purposes.



WORKING LIGHTS

To have enough light under all circumstances, there is a set of seven LED working lights available: two on top of the discharge elevator, one on the inspection table, one on the roller unit, one on the bunker floor and two on the side of the machine.



NAVIGATION LIGHT

A white navigation light on the side boards provides a point of reference for the transport vehicle driver for driving straight back. When the transport vehicle has driven far enough into the receiving hopper, the light turns red and you are assured of the most optimal unloading position of the transport vehicle.



CHAIN LUBRICATION

The automatic lubrication of the bunker chain is your guarantee for perfect lubrication with less wear and lower electricity consumption as a result. So you can use your time optimally throughout the season.



TIPPING TRAILER DETECTION

The tipping trailer detection stops the machine or storage line automatically when the trailer is empty. A residual layer of potatoes remains at the intake so the next load is not dumped directly onto the bunker floor. This way you are assured of maximum product-friendliness.



STEERED AXLE

To make the Field Loader extra manoeuvrable, you can opt for a steered axle with pneumatic or hydraulic brakes. This wheel axle has a steering angle of 20° left and right and is hydraulically steered via a double-acting valve on the tractor.



FLEXIBLE FOR VARIOUS CROPS

- Potatoes
- Onions
- Carrots
- Beetroot
- Parsnip
- Root parsley
- Chicory
- Salsify
- ...

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