



3
EPD 538 with a 5 meter wide new model picking head w/o ground roller



4
630 mm wide tracks and 5 meter new model picking head



PLOEGER®

A total range of harvesting systems

The Ploeger company focuses its efforts on the development and manufacturing of technically advanced and reliable harvesting systems. Design and manufacturer of special harvesting machines for:

- › peas, flageolet and broad beans
- › green beans
- › spinach and other leaf type of crops
- › potatoes, carrots, chicory and other root type of crops

Sole importer for Oxbo in Europe for:

- › specialized harvesting equipment and related products for sweet and seed corn
- › vineyard, grape and raisin harvesters, pruning equipment and sprayers
- › citrus harvesters
- › berry, blue berry and raspberry harvesters
- › application and forage

The Ploeger combines are renowned for their optimal crop yield, low maintenance cost and their very high reliability under any kind of weather and harvesting conditions. These properties and the long useful life of the machine ensure a beneficially low annual overall cost. The wide range of Ploeger harvesters are used all around the world. Because Ploeger cooperates closely with Oxbo International Corporation, they may be recognised as the market leader in Europe.

The service provided is unequalled, befitting the high standard of quality of the combines.

Ploeger, harvesting with the right feeling!

Pea Harvester EPD 538

Oxbo: Close cooperation with Ploeger

Oxbo develops, manufactures and supplies specialized agricultural equipment for niche market agribusiness worldwide. Oxbo currently offers equipment for application, berries, citrus, forage, seed, vegetables and vineyard. Oxbo not only manufactures its own equipment,

but it is also a distributor of Ploeger harvesting equipment. The company also offers factory repair and reconditioning for a wide range of used harvesting and application equipment sold over the world. www.oxbocorp.com



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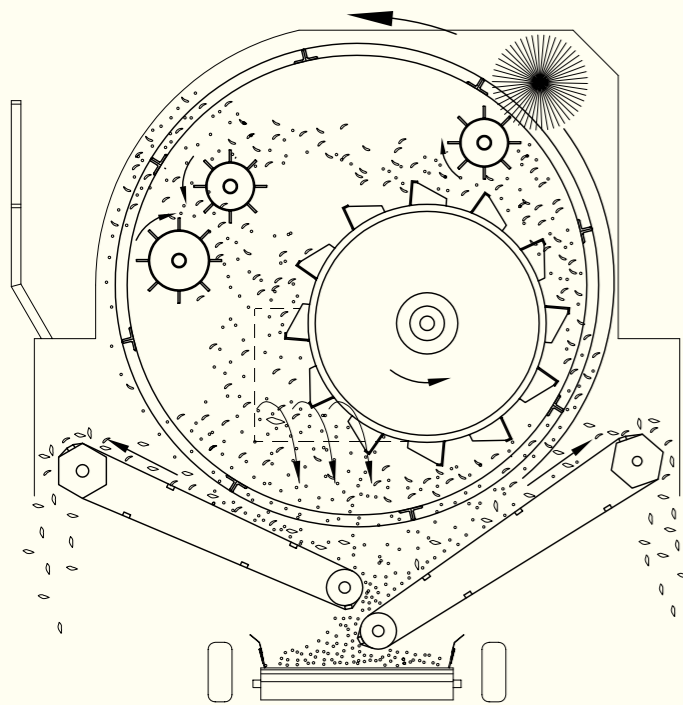
Maximum result with the pea, broad bean and flageolet harvester

A profitable investment

Efficient harvesting with a maximum result. That's what it's all about. The Ploeger Company has for decades put its efforts into the development of technically advanced and reliable harvesting machines. Many years of manufacturing and agricultural experience are forced into this highly sophisticated self-propelled pea harvester. EPD 538 the logical step forward to the successful EPD 490, EPD 520 and EPD 530.

Thanks to the newly developed threshing system, the new heavy duty picking head and its efficient cleaning system the machine shows better recovery and higher capacity, under all weather and field crop conditions. The maximum capacity in relation to the low running and maintenance costs and low depreciation:

That's harvesting with result.



Efficient threshing system

The four-beater – threshing system gives a more intensive threshing, especially in heavy crops. The system optimises the use of the screen surface. Almost the whole surface area of the riddle drum is being used which increases the quality and capacity.

The big diameter beater equipped with many small beater blades covered with nylon pads to eliminate possible damage. Rubbing the pods in small portions against the screens of the riddle drum. The product follows the way between the main beater and satellite – a second rubbing action. Spread to the other side of the riddle drum over the 2nd satellite against the screens and returned from the screens to the main beater with the centre rotating stripper. The angle of the beater blades assures a transport of product through the drum.

The threshed waste will leave the drum at the back, side aprons, under the full length of the riddle drum to separate the waste from the peas, broad beans or flageolets which is dropped outside the machine. The threshed product rolls from the side aprons onto the 650 mm wide central pea conveyor belt.

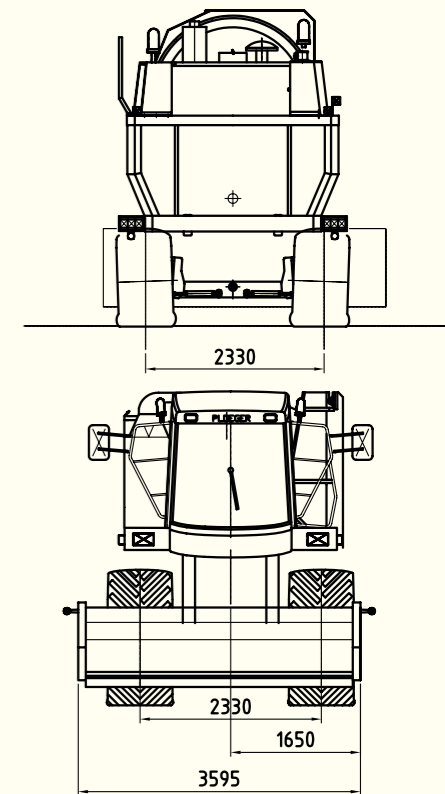
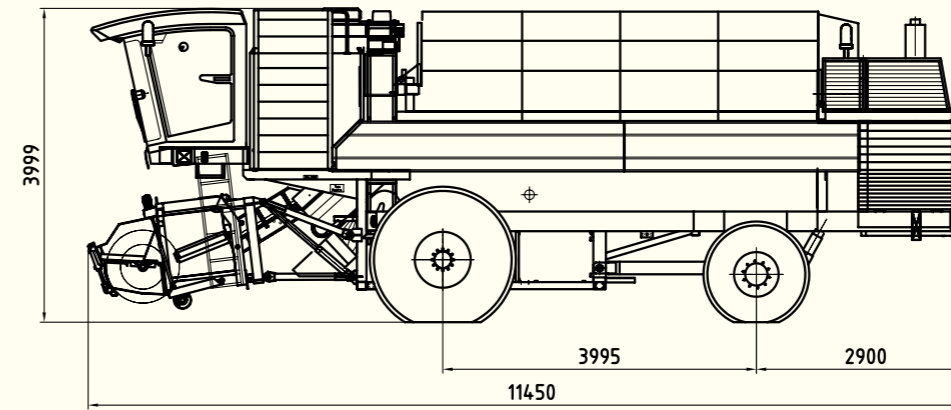


1
New model bigger volume bucket elevator, with a 34% increased top cleaning system



2
EPD 538 with 900 mm tracks

EPD 538 Pea Harvester specifications



A closer look at the EPD 538

Central pea conveyor belt

The central pea conveyor belt delivers the threshed, partly cleaned, product to the bucket elevator. This belt can be switched in reverse during washing/cleaning of the machine and dirt will be transported directly to the main outlet of the machine.

Suction fan

When the threshed product leaves the central pea conveyor belt to the bucket elevator, a powerful high capacity adjustable suction fan will draw an airstream through the product and clean it up to 80%.

Pod separating system

From the large buckets on the bucket elevator the material is delivered onto a 1,34 meter wide conveyor belt. At the discharge point to the podder belt a second adjustable fan will clean the product from waste. Unopened pods will be returned to the riddle drum by the podder belt. The clean product drops on the hopper filling belt, which can run in two directions for an optimal filling of the 2.5 ton capacity hopper. A well-designed hopper unloading belt enables you to unload on the go without spilling the product.

The EPD 538 harvester for

- > peas
- > broad beans
- > flageolets

Engine	Deutz type TCD-2015-v06-4v Water-cooled diesel Power 300 KW - 1.500 rpm
Drive	Hydrostatic 4 wheel drive
Speeds	Field 0 - 7.1 km/hr. Road 0 - 26 km/hr.
Tyres	Front 30.5 LR 32 172 A8 Rear 700 - 26.6 - 8 ply
Steering	Rear wheels Power assisted
Turning radius	8.780 mm Inside
Hopper	Capacity 2.200 kg
Capacity	Fuel tank 950 ltrs. Hydraulic oil 350 ltrs.
Dimensions	Length 11.000 mm Width 3.999 mm Height 3.999 mm Weight 22.600 kg
Levelling	Longitudinal 12% Cross 15%