



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



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



Unloading on the go

Ploeger Oxbo Group

The wide range of harvesters from the Ploeger Oxbo Group are used all around the world. The Ploeger Oxbo Group may be recognized as the global market leader in specialized harvesting solutions.

Ploeger designs and manufactures 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

Oxbo designs and manufactures special harvesting machines 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
- › Jatropha and coffee

Vision

The Ploeger Oxbo Group will be the global leader in mechanized solutions for agricultural niche markets focusing on clients needs, providing exceptional value and superior customer service.

Mission

- Focus on our quality products and efficiencies for on-going customer satisfaction
- Assisting our clients in reaching their objectives by the development of innovative new products
- Grow our business Worldwide to meet the needs of our clients / customers, employees and shareholders

Values

- Pioneering Technology
- Passion
- Superior Customer Service
- Advanced Engineering

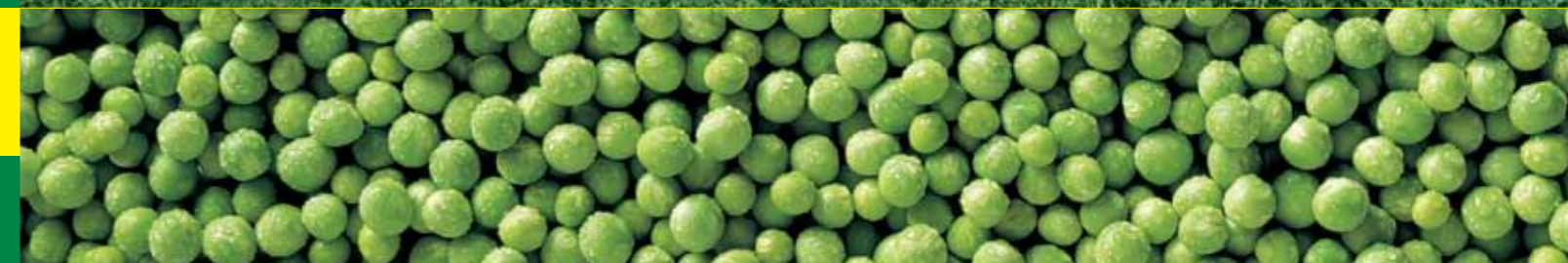
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Pea harvester EPD 538





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 forged into this highly sophisticated self-propelled pea harvester. EPD 538 the logical step forward to the successful EPD 490, EPD 520 and EPD 530.

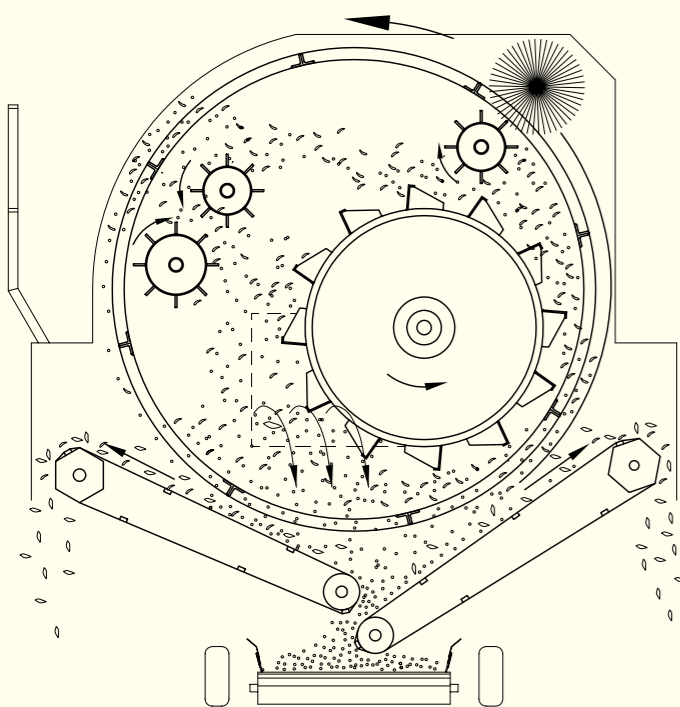
Thanks to the newly developed threshing system, the new heavy duty picking head and its efficient cleaning system the machine shows better recovery and higher capacity, under all weather and field crop conditions. The maximum capacity in relation to the low running and maintenance costs and low depreciation: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

Efficient threshing system

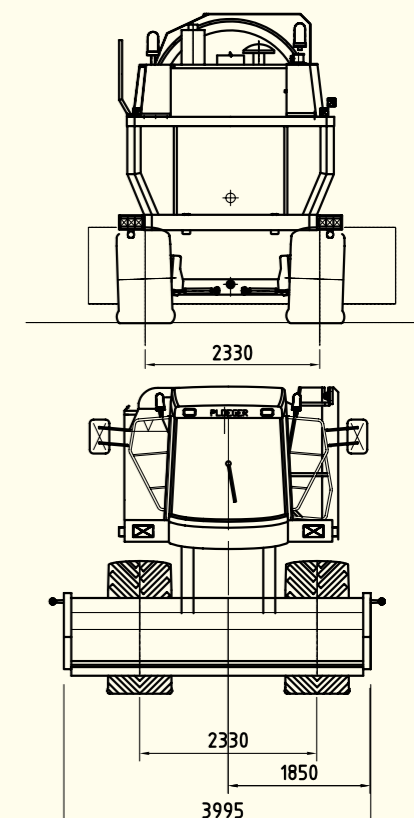
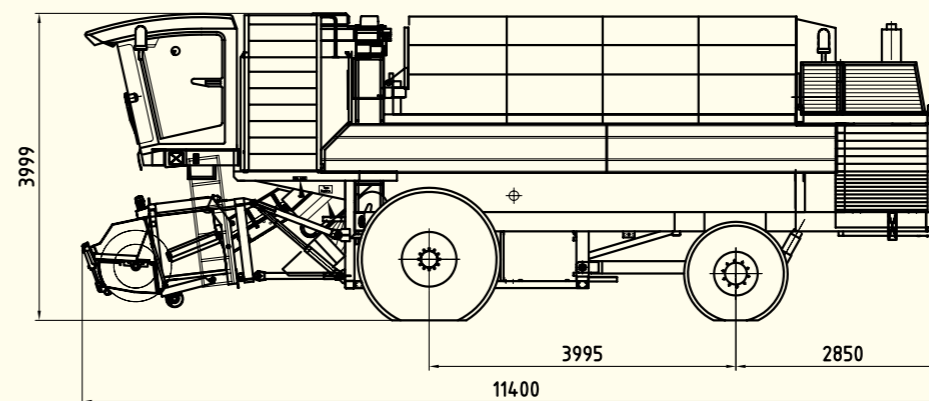
The patented four-beater – threshing system gives a more intensive threshing, especially in heavy crops. The system optimizes the use of the screen surface. Almost the whole surface area of the riddle drum is being used which increases the quality and capacity.

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 second satellite against the screens and returned from the screens to the main beater with the center 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 or via the side aprons – which are 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.



EPD 538 pea harvester specifications



Standard specifications

Engine	Deutz type BFM2015 Water cooled turbo charged with intercooler COM III diesel engine 300 kW / 1,500 rpm
Drive	Hydrostatic 4 wheel drive
Speeds	0 - 7 km/hr field 0 - 25 km/hr road
Tyres	Front: Goodyear 800 Rear: Alliance 700
Steering	Rear wheels Power assisted
Turning radius	7,800 mm Inside
Hopper	Capacity 2,500 kg
Fuel tank	900 liters
Hydraulic tank	350 liters
Length	11,400 mm
Width	3,995 mm
Height	3,999 mm
Weight	21,600 kg
Levelling	Longitudinal: 12% Cross: 15%

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 the operator to unload on the go without spilling the product.



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



EPD 538 with 890 mm tracks

Please contact us for further details and optional equipment!

The EPD 538 harvester for

› peas › broad beans › flageolets

