OUR COMPANY

Everything under one roof
Since its foundation in 1959, Ploeger has invested all its energy in the development and production of self-propelled harvesters for the harvesting of:

- Peas, broad beans, kidney beans and flageolet beans
- Beans and peppers
- Spinach, herbs and other leafy greens
- Potatoes, carrots, flower bulbs, onions, chicory and other tubers

Ploeger is a specialist in harvesting techniques and produces machines that fit seamlessly with the needs of the customer. The green-yellow machines are known for their excellent finishing, operating reliability under all field and weather conditions and, not forgetting, the highest yield.

Ploeger strives to achieve continuous customer satisfaction. The quality and finishing of the machines is guaranteed thanks to passion and skill. In addition, our global service network (we are active in more than 30 countries) supports you on site in your own language and enables a fast parts delivery.

Production
Ploeger designs and builds all machines under its own management in the current location in Roosendaal. The production facilities have a total surface area of over 11,500 m2. The factory is modern and well equipped with a wet paint booth, welding robot and CNC bending and press brakes. Ploeger also has its own laser cutting machine.

Research & Development
Ploeger has a specialist department for the development and innovation of the machines. Together with its customers and business contacts in the processing industry, Ploeger is continuously active with product development and innovation.

Training centre
Training of the mechanics and drivers who are responsible for the maintenance and operation of the machines takes place in our own training centre. Our own employees are also trained here.

With over 100 permanent employees, Ploeger is active on a worldwide scale in the sale, production and maintenance of harvesters.

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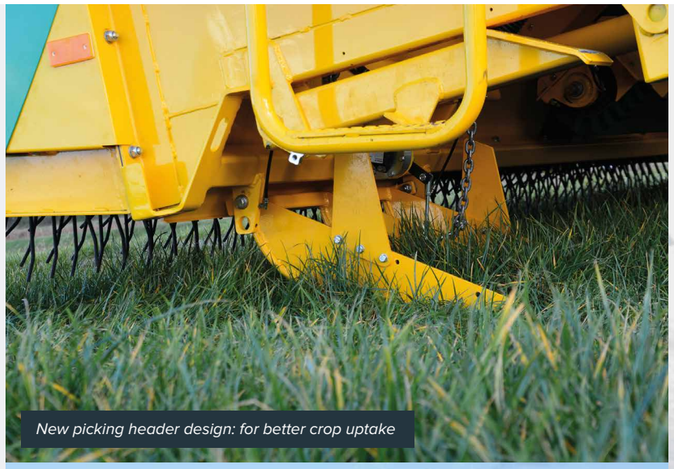


New picking header design: for better crop uptake

Renewed industrial design: familiar appearance

Efficient logistics and high capacity through unloading of the peas while driving

SELF-PROPELLED PEA HARVESTER

EPD 540

ONE GIANT STEP FORWARDS

Efficient and problem free harvesting with maximum yield.
That's what it's all about! Maximum capacity, optimum harvest yield, low maintenance costs and low annual depreciation. Our goal is to reach an optimum in these variables.

The EPD 540 is the logical sequel to the EPD 490, 520, 530 and 538. A self-propelled machine for plucking and threshing peas, broad beans, kidney beans and flageolet beans under all field and weather conditions.

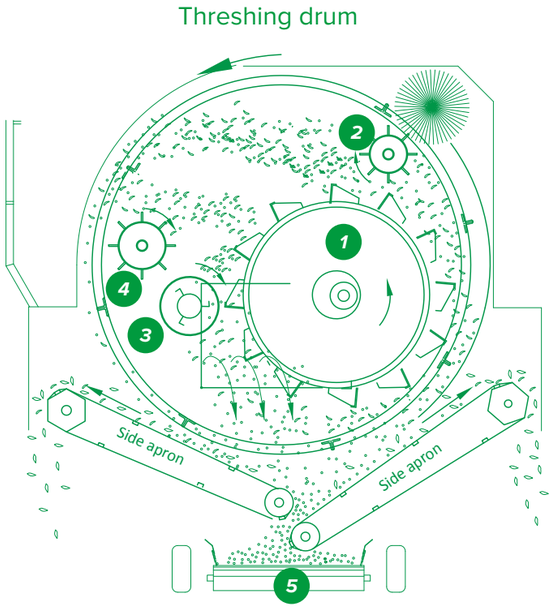
THE EPD 540 FOR

PEAS | BROAD BEANS
KIDNEY BEANS | FLAGEOLET BEANS

UNIQUE FEATURES

- Improved threshing system: results in a higher capacity and less product damage.
- Spacious and luxurious Claas Vista driving cab. Due to the perfect visibility, the ergonomic operation and high level of comfort for the operator, it has never been so easy to remain alert throughout the day.
- 10" touchscreen monitor: more colour depth due to a higher resolution and a clear layout.
- More diagnostic information: enables the operator to understand problems and to find a solution more easily.
- New picking header design: for better crop uptake.
- Renewed industrial design: familiar Ploeger appearance.
- Efficient logistics and high capacity through unloading of the peas while driving.

IMPROVED THRESHING SYSTEM



Threshing principle EPD 540

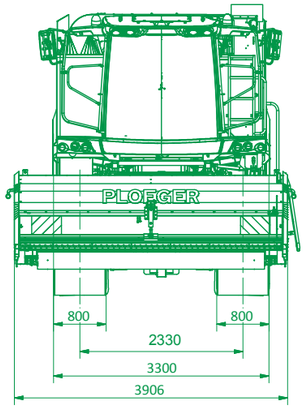
1. Large main beater
2. 1ste stripper
3. Auger
4. 2nd stripper
5. Central conveyor belt

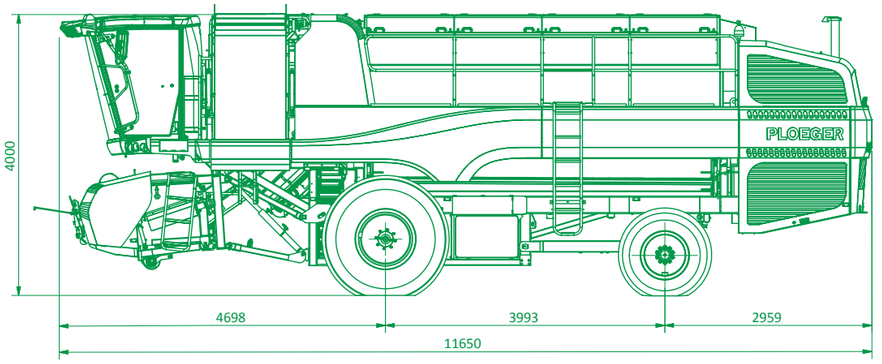
The four-drum threshing system has been adapted by replacing a main beater for an auger (3). The new system ensures a faster distribution of the crop over the full length of the threshing drum, bringing the use of the sieving surface to a higher level. The new system reduces damage to the product and increases capacity, depending on the crop.

The large main beater (1), equipped with nylon coated threshing blades, eliminates possible damage by rubbing the pods in small portions against the sieves of the threshing drum. The crop is distributed by the large main beater (1) and 1st stripper (2) – a second rubbing – on the 2nd stripper (4) to the other side of the threshing drum against the sieves. Back to the large main beater (1), the crop is brought to the special auger (3), guaranteeing an optimum spreading of the product through the entire threshing drum.

The straw leaves the machine at the rear. The product sieved by the threshing drum is cleaned by two slanting carpets mounted under the full length of the threshing drum. The peas roll off the sloping carpets onto the 650 mm wide central conveyor belt (5) and are transported to the following cleaning phase.

DIMENSIONS





Claas Vista driving cab: improved comfort for the operator and all operating controls within reach

Harvesting under all field and weather conditions with Claas Tracks

STANDARD SPECIFICATIONS

Engine	• Type	Scania DC09 (with AdBlue®)
	• Power	291 kW (396 hp) at 1,500 rpm
	• Capacity	9.3 litres
	• No. of cylinders	In-line 5
	• Coolant	
Drive traction	• Hydrostatic 4-wheel drive	
Speed	• Field	Max. 7 km/h
	• Road	Max. 25 km/h
Tyres 178A8	• Front	Mitas 800/65R32 AC70N
	• Rear	Alliance 700/45R26.5
Control system	• Rear wheel - control system	
Levelling	• Longitudinal	12.4 to 14%
	• Transverse	16.7 to 16.7%
Hopper	• capacity	3,730 litres
	• Average discharge height	3,000 mm
Reservoir capacity	• Fuel	920 litres
	• AdBlue®	60 litres
	• Hydraulic oil	390 litres
Weight (empty)	• 24,240 kg	

All information provided is subject to printing errors and interim changes.

Please contact us for more details and options regarding special versions!

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