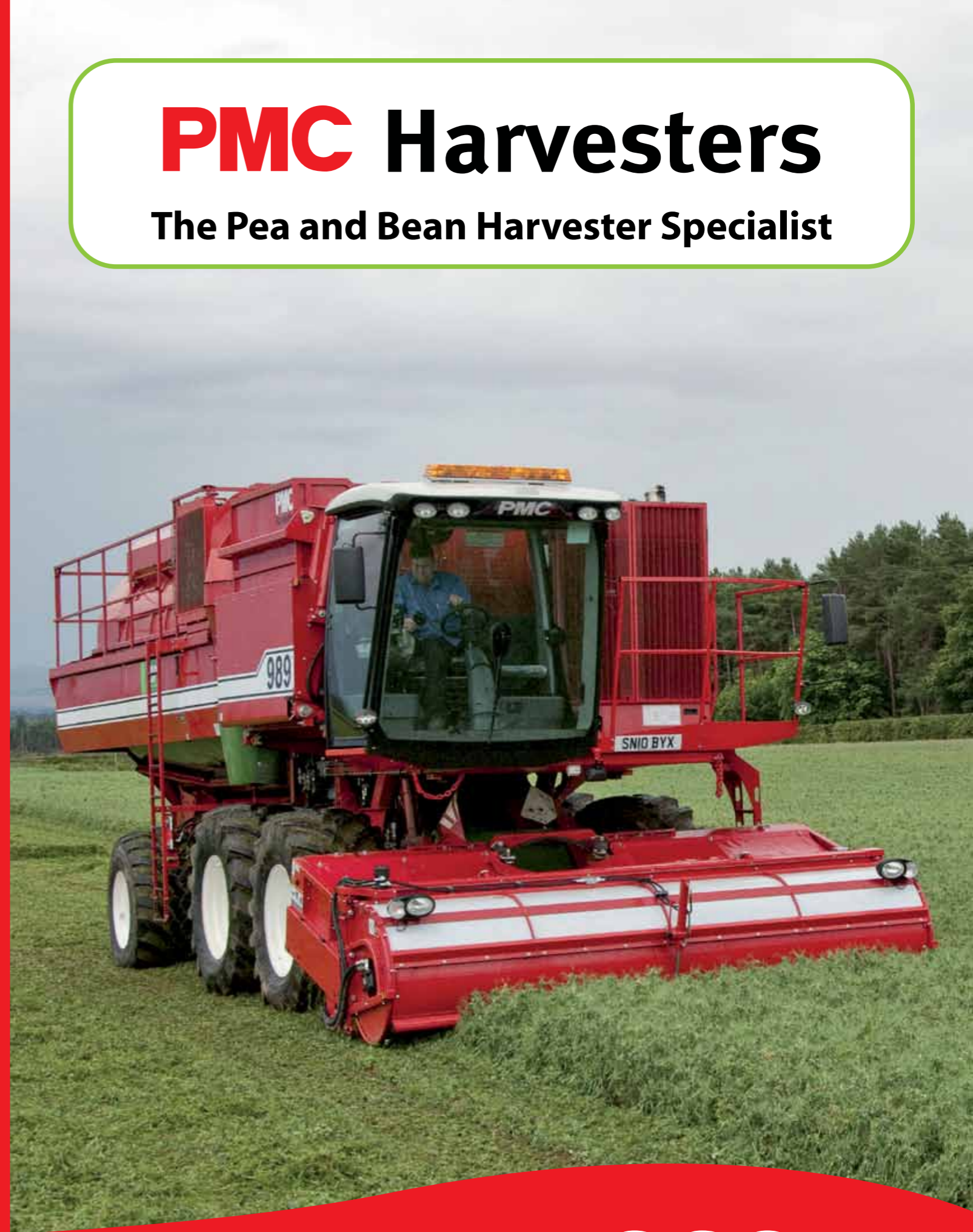


PMC Harvesters

The Pea and Bean Harvester Specialist



12/2010

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989 High Capacity Pea Harvester

PMC has set the standard for pea harvesting over many years. The 989 is no exception and represents state of the art harvesting.

New developments on the PMC 989 include larger diameter, agricultural tread tyres on the front and middle axles and power steering on the front and rear axle. The machine has the latest design cabin and PMC's new generation of monitoring and control system.

PMC works closely with processors, growers and machine operators to produce harvesters which maximise performance and delivers a high quality end product as economically as possible.

PMC provides the very best in harvesting technology which is supported by specialist technical support, harvester maintenance and operator training. Speed of response is an essential ingredient of PMC's after-sales service including spare parts.

PMC's products are supported worldwide either directly from the Fakenham factory or via our distributor network. All of this combines to ensure our customers obtain the best value and performance from their PMC harvester.



The 989 can easily be converted to harvest broad beans

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PMC Harvesters



The 989 utilises the latest design of Podder Chain. The stainless steel, link-wire belt has outstanding reliability and requires only a minimal amount of maintenance. The

belt is continuously cleaned which helps to deliver a consistently high quality, clean pea sample to the hopper. This is a major benefit for factory processing.

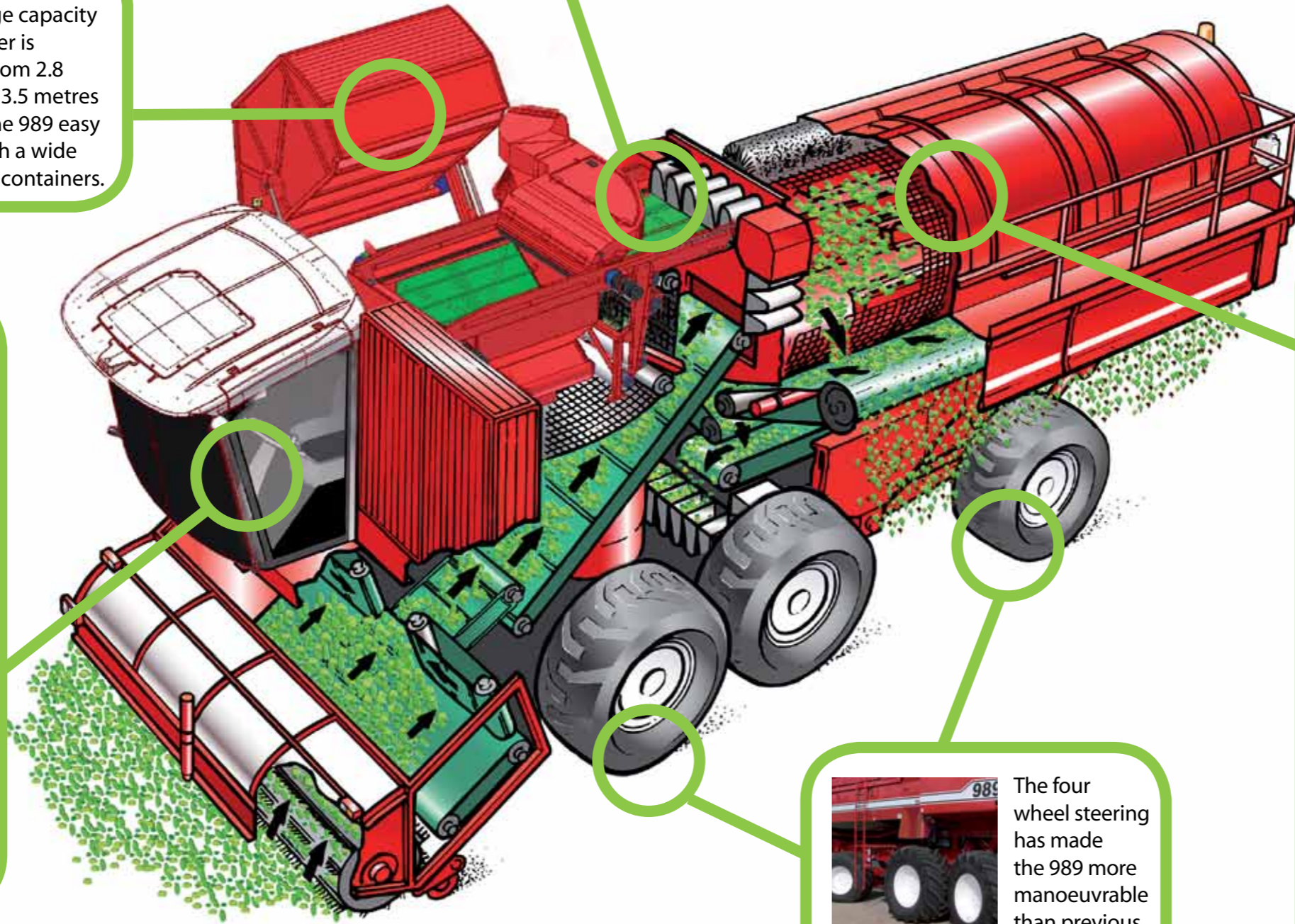


The tipping height of the large capacity pea hopper is variable from 2.8 metres to 3.5 metres making the 989 easy to use with a wide

range of trailers or high-sided containers.



The 989 is equipped with the latest design operator cabin, the Claas Vista II, which is ergonomically designed providing the optimal work area for the operator. PMC's latest version of the Harvest Vision System continually monitors machine performance and controls important functions to enable the operator to get optimal performance in all operating conditions.



The four wheel steering has made the 989 more manoeuvrable than previous models and

the large diameter front wheels with deep agricultural tread tyres enable the 989 to keep going in the severest of conditions.

The unique five beater threshing system consistently delivers high production rates. It is gentle in operation, minimising damage, especially on low TR, high quality freezing peas. Once the pods have been stripped from the vine they are transferred to the threshing drum by a series of conveyors.

drum the peas can quickly pass through them, which minimises damage to the peas at this crucial stage of the process.

Tests show that in low TR crops the system is the best available and it works equally as well in all other conditions. The screens are kept clean by rotating brushes positioned along the length of the threshing drum.

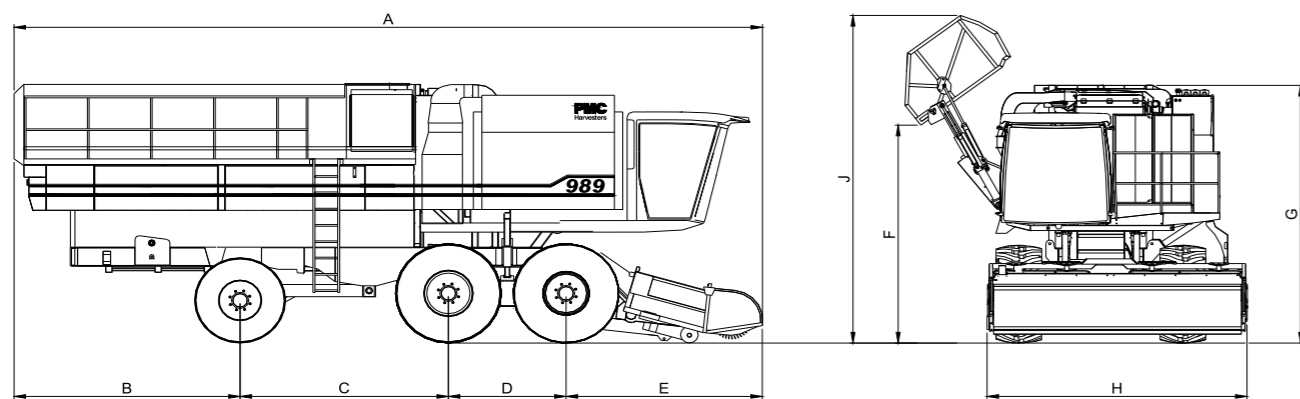


The peas and some waste material exits the threshing drum and then goes through four further cleaning processes where the waste material is removed. After the final cleaning process the peas are stored in the hopper on the machine. Waste material from the cleaning processes is discharged onto the field whilst any un-threshed pods are returned into the threshing system.

Here the PMC threshing system quickly and gently removes the peas from the pods. Because there is a large, clear area of screens on the threshing

The result
maximum yield of good whole peas

Fig 5-1 Side & Front elevation of machine



Optional Extras

- CCTV cameras
- Rubber picking tines
- Hopper weigh cells
- 3.8m Picking width

PMC Harvesters pursues a policy of continuous product improvement and reserves the right to change specifications, models and designs without notice or obligation.

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Main dimensions

Length	A	12035
Overhang	B	3555
Wheel centres	C	3205
Wheel centres	D	1810
Overhang front	E	3465
Discharge height	F	3500
Height (level)	G	4150
Height (road, rear m/c down)	G	4000
Height	J	5300
Width	H	3500/4000
Width outside tyres		3250

Weights (on the road)	kgs
Front axle	8,180
Centre axle	8,180
Rear axle	11,200
Total (approx)	27,560

Weights (on the field)	kgs
Front axle	8,760
Centre axle	8,760
Rear axle	10,040

Fluid capacities	
Fuel	1000 litres
Hydraulic oil	600 litres

Hopper capacity	
Volume	3.1 m3
Weight of peas (approx)	1900kg

Tyres

Front Bogie;	
Trelleborg 710/60 R30	L1 162D TM900
Inflation Pressure:	1.8 bar

Rear Axle;	
Trelleborg Twin Radial	710/50 R26.5 L1 170
Inflation Pressure:	2.0 bar

Engine

Make	Deutz liquid cooled
Type	TCD 2015 V06
Power rating	315kW @ 1650RPM
Capacity	11.906 litres

Transmission

Type	Hydrostatic
Pump	S-D H1P 165
Motors (front)	Poclain S18
Motor displacement	1865/816cc
Motors (rear)	Poclain S18
Motor displacement	1572/523cc

Vehicle speeds

Road	25 kph
Field	9 kph

Levelling

Front to rear	14% (8.0°)
Side to side	18%(10.2°)



The 989 has many safety features and complies with the relevant European Machinery Directive