

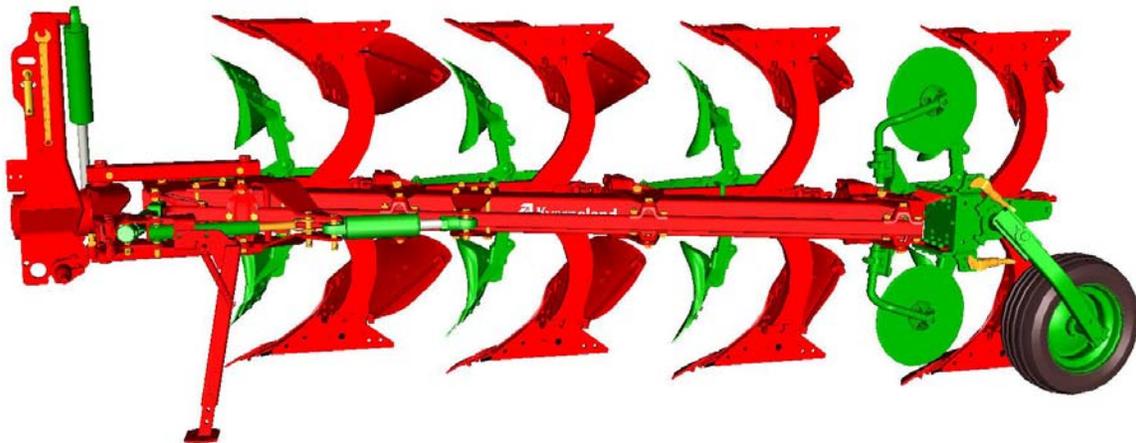
## PRESS RELEASE

### **New Kverneland 150 Variomat serie : ideal choice for light to medium soil conditions!**

2011-10-20, Klepp, Norway

After the successful launch of the Kverneland 150 B (**Bolt**) in 2009, the 150 S (**Spring leaf**) in 2010, the 150 Variomat serie B & S is the next logical step.

This new mounted reversible plough aims at professional farmers with small to medium size farms. The Variomat (Vary-width® system) fitted to the 150 B & S is built on the experience of the renown Kverneland ES plough.



#### **Kverneland 150 Variomat serie : Light, Robust, Easy to Handle !**

The new design of the 150 serie induces low operating costs to the farmer. The weight of the plough is minimized by the construction of the new front part, using a parallelogram instead of a slide rail, and by the design of the new head stock. Kverneland's values are still guaranteed : robustness, high performance, long working life even in the toughest of soil conditions.

Such results can only be achieved by Kverneland's 130 years experience in developing tailor-made boron steel and in applying unique heat treatment processes to the complete plough! Such quality and wear resistance are still unsurpassed in the industry today.



70/75cm underbeam clearance for the 150 S Variomat (80 cm for the 150 B Variomat) and 85/100cm interbody clearance for best performance in various soils and surface conditions.

The Kverneland 150 B & S Variomat easily adapt to different tractors and wheel settings.



### **Very efficient Kverneland Auto-Reset system !**

A unique system that withstands the toughest forces while guaranteeing a longer life to the "S" ploughs : when hitting an obstacle, the pressure on the point, frame, plough parts, decreases instead of increasing ! Moreover, a better ploughing is achieved by having bodies releasing independently one from another! Very convenient : spring packages are pre-adjusted. No maintenance required.

### **New Frame for more robustness !**

150x150mm for both 150 Variomat B & S. Ploughs are extendable by one furrow. Available in 3 to max. 4 furrows for the 150 S Variomat and 3 to max. 5 furrows for the 150 B Variomat. The main frame is induction heat treated to the same standards as all

Kverneland ploughs, thus providing the necessary strength and support for the toughest of conditions.

### **Vari-Width® system : Easy furrow width adjustment - Variation on the move !**

World-patented system for mechanical or hydraulic furrow width adjustments. This Kverneland' system has been the market leader for many years. The degree of 'finish' of the furrows and the capacity of the plough can be adjusted by regulating the ploughing width. It is hence possible to plough wider, quicker, better and at lower cost.

Advantages :

- the system allows the optimal match between tractor, implement and soil conditions
- capacity increases by more than 30% when varying the width from 30cm to 45 cm (12" to 18")
- cost saving : when increasing the capacity by 30%, the fuel consumption is not proportional. It is reduced by as much as 18%.
- quality ploughing : increasing the ploughing width, gives more 'clearance', making it easier to handle stripped or chopped straw.
- convenient : it is easier to the work straight, up to hedges, fences, trees and ditches.
- time saving : by increasing the ploughing capacity to 30%, the work can be finished quicker.
- minimum wear : unique non wearing linkage joint between the beam and the main frame section
- perfect line of pull : Vari-Width® system has the correct parallel linkage along the whole length of the plough. Therefore, you benefit from lower draft requirements and less wear and tear.
- Keep preset ploughing width after turning (Optional memory system for best comfort)
- the first furrow adjustment via an hydraulic cylinder or a turnbuckle automatically corrects the alignment of the plough



### **New Headstock for intensive use !**

The position of the head stock is ideal: as close to the tractor as possible, it reduces tractor lift requirements, especially compared with other makes. "One piece concept" with specially heat treated 110mm Ø main shaft for maximum strength. Head stock for tractors up to 150 HP. Optimum hose lay out. Choice of cross shaft, category II and III or quick coupling option



The plough is not Packomat compatible but can be coupled to a packer using the 2010 new packer arm. All types of Kverneland wheels and accessories can be fitted on the plough.

The Kverneland 150 B Variomat and the 150 S Variomat will be available from Autumn 2012.

Press release pictures :

<http://download.kvernelandgroup.com/Media/Images/KV-150-S-Variomat-3D.jpg>

<http://download.kvernelandgroup.com/Media/Images/KV-150-S-1645.jpg2>

<http://download.kvernelandgroup.com/Media/Images/KV-150-S-1629.jpg>

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