

# MOUNTED AND SEMI-MOUNTED PLOUGHS

PROFITABLE PLOUGHING

### **WHEN FARMING** MEANS BUSINESS

Realising the full potential of farming is about growing and developing your business, not only your crop or livestock, but also your profit. Improve productivity and profitability by focusing on the positives and minimising disadvantageous aspects, through strong, dedicated management.

Success springs from determination and clear targets, from laying down the appropriate strategy and allocating correct investments for the future. Quality results require the right ideas and equipment. When there is work to be done, you need the optimal setup and smart solutions that support you towards an easier, more profitable way of working. You need solutions that make tough and demanding conditions less complicated.





# TILLAGE

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Preparing and cultivating your soil in order to achieve the highest possible yield is about choosing the correct tillage system

### YOUR KVERNELAND INTELLIGENT FARMING SOLUTIONS

Choose the best farming solution for you and your land. Combine the highest possible yields with sustainability. This will start with the correct tillage. The choices you make depend on various factors and should match your specific circumstances, like soil structure, crop rotation, residue management, economic and ecological viabilities.

The choice is yours!

You must consider environmental and legal issues. From conventional methods to conservation tillage: the balance of operations at the right time has to be found to achieve high yields with the best soil condition (air, moisture, biological activity, etc.) with a minimum amount of energy, time and investment. For this, Kverneland offers a full range of intelligent farming solutions.

#### - CONVENTIONAL TILLAGE -

#### Conventional Tillage

- Intensive method of cultivation
- Complete soil inversion e.g. by a plough
- Less than 15-30% crop residues left on soil surface
- Seedbed preparation done by an active tool or special seedbed harrow
- High phytosanitary effect by reduced pressure of weed and fungi diseases fewer herbicides and fungicides needed
- Better dry-off and faster increase of soil temperature for better nutrients absorbation

#### **CONSERVATION TILLAGE**

#### Mulch Tillage

- Reduced intensity in terms of depth and frequency
- More than 30% of residues are left on soil surface
- · Extended repose period of the soil
- Cultivator and/or discs incorporate the crop residues within the top 10cm of soil for stable bearing soil
- Full-width tillage seedbed preparation and seeding in one pass
- Protection against soil erosion; reduce soil loss by run-off and improve water storage capacity.
- · Improvement of soil moisture retention

#### Strip Tillage

- Zonal strip loosening before or during seeding of up to 1/3 of the row width (Loibl, 2006). Up to 70% of the soil surface remains untouched
- Strip-till combines the soil drying and warming benefits of conventional tillage with the soil-protecting advantages of no-till by disturbing only the area of the soil where the seeds are placed
- Exact fertilising deposit
- Soil protection against erosion and drought

#### Vertical Tillage / No-Till

- Extensive method
- Working soil vertically avoids additional horizontal layers or density changes
- Increasing water infiltration, root development and nutrient take-up
- Plants' roots dictate the overall health of the plant, as they deliver nutrients and water throughout the season, contributing to a higher yield
- A strong set of roots make plants more resistant to wind and drought.
- Lower energy input required

	KVERNELAND'S INTELLIGENT FARMING SOLUTION   Method Deep Tillage (not a must)					Basic Tillage	Seedbed Preparation	Seeding	Spreading	Spraying
CONVENTIONAL	intensive	10 10 10 00	up to 15% <b>Conventional</b> with soil inversion							
		ing 15 - 3006	Reduced Till	without soil inversion						
		Soil coverage after Seeding	Mulch Seeding	without soil inversion			יור קיבורית וי			Neo C
CONSERVATION		Soil - 2006	Strin Tillane	Vertical Tillage Strip Tillage shallow tillage stripewise loosening			1	Later		
	extensive		VertiCal Tillane				College			

CLASSIFICATION OF TILLAGE METHODS KVERNELAND (Source: adpated from KTBL)





O.G. Kverneland: black smith & ploughman. Here demonstrating how well balanced his ploughs are. Even today Kverneland R&D employees are ploughmen.



The context: typical arable land in Norway

The result: high performance ploughing

### **PERFORMANCE DRIVEN** FOR THE FARMERS SATISFACTION

Kverneland is world renowned and unequalled in producing robust & light ploughs for high performance with low operating costs.

#### Innovation from the start

In 1879 at the age of 25, Ole Gabriel Kverneland founded his smithy business in a small village south of Stavanger, Norway. Brought up on a farm and educated in agriculture, he subsequently understood all the machinery requirements of farmers. He strongly believed in innovation and manage to produce a mouldboard plough able to withstand the very tough stony soil conditions of Norway.

Over the years, he together with his team of engineers developed special steel heat treatment processes to allow his ploughs to work in the toughest of soil. Using these new steels of unique strength, Kverneland succeeded in manufacturing robust ploughs thus gaining a strong reputation for quality. Today, Kverneland is the leading manufacturer of ploughs with a very strong market position throughout the world.

#### **Customer orientated**

The tradition of customer orientated product development has resulted in the long record of innovations and in becoming a leading plough brand in the industry. High priority is given to building close relationships with end users. Systematic follow up of individual customer experience helps Kverneland to adapt products to better match farmer's requirements.





Kverneland plough factory (Norway)

Ole Gabriel Kverneland

# ECONOMIC TO RUN

# HIGH PERFORMANCE

ROBUST



### **OPTIMISED ROBUSTNESS** TO MAXIMISE PROFITABILITY

#### Robust

Developed over 140 years, the Kverneland Steel Technology remains unsurpassed within the plough industry. It guarantees extra robustness for extra life time to the plough.

#### Economic to run

The design of a Kverneland plough combined to the specific heat treatments of each and every part ensures low running cost. Easy to lift, easy to pull for a low fuel consumption; optimised low wearing of parts...

#### High performance

Kverneland innovations and design of parts enable a quick set up and adjustments for the perfect ploughed field.

Kverneland ploughs adapt to any tractor brands!

### VARIOMAT® OPTIMISED PRODUCTIVITY

#### Efficient

The patented Kverneland Variomat® is the most reliable system on the market. It allows the optimal match between the soil conditions, the plough and the tractor for the optimal output. By varying the furrow width, the work can be kept straighter. It is also easier to work up to the hedges and around obstacles.

By being able the adapt not only the depth but also the width of the furrows, the best results can hence be achieved.

#### Two different systems

Kverneland Variomat® is available in two variants: with hydraulic or mechanical adjustment of the furrow width. The hydraulic variant allows adjustments of the furrow width easily from the driver's seat "On the Move". The pulling line adjusts automatically thanks to the auto-line.

#### Reliable Auto-Line (AB/AD)

Kverneland Auto-line is a standard system which guarantees the correct pulling line at any time. When changing the working width, both front furrow width and pulling line adjust accordingly. Kverneland Autoline system makes these adjustments automatically. No time spent on correcting/adjusting the pulling line when changing the working width. The position of the headstock remains in the center of the tractor, all the time, ensuring a favorable and an even geometry of the three point linkage.

Side pull and unnecessary high landside pressure are therefore avoided. Consequently, the Kverneland Autoline system ensures an efficient ploughing with less fuel consumption.

#### Maintenance free

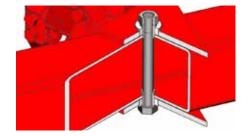
The Kverneland Variomat® system is maintenance free thanks to a unique non wearing linkage joint between the beams and the mainframe section. The system consists of a robust 24 mm bolt, a distance tube, two special heat-treated cones and replaceable bushes. No need to spend time on lubrifications.

The heat-treatment of high quality steels and exacting manufacturing accuracy guarantee perfect beam and body alignment with minimum wear.

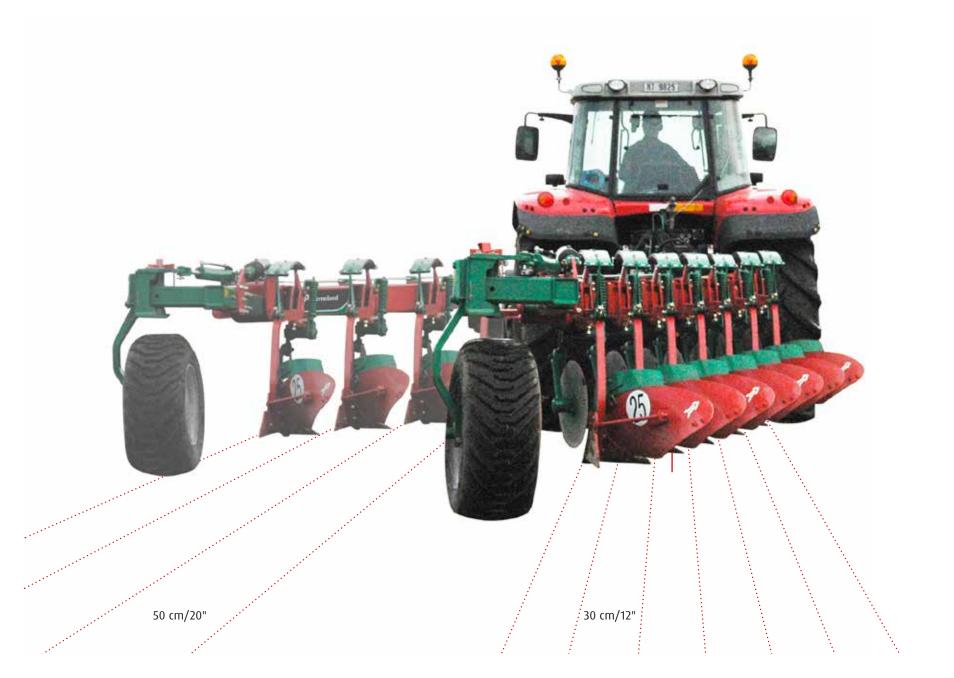
#### **Optimise fuel consumption**

By adapting the working width to the soil conditions, the fuel consumption is optimised. Furthermore, when increasing the ploughing width, the fuel consumption per Ha gets reduced and hence profits are maximised.





Maintenance free



### HARD

as a diamond for optimum wear resistance

### FLEXIBLE

to absorb shocks



Kverneland 12 hours carburising process results in creating 2 steels in 1 sole mouldboard.

For the highest ploughing performance, Kverneland also grinds the body to ensure a uniform surface for an even furrow.

### **KVERNELAND STEEL TECHNOLOGY** FOR THE COMPLETE PLOUGH



#### Kverneland's unique steel

More than 135 years of experience in developing special steels and heat treatment processes have resulted in an unsurpassed quality and wear resistance.

The heat treatment processes are carried out and adapted not only to a few selected parts but to the complete plough. This results in ploughs lighter than competitors' and extremely robust while delivering outstanding performance.

#### Induction hardened frame

To guarantee the durability of the plough, Kverneland heat treats the frame as well. Most competitors do not. The induction process allows using lesser steel than competitors, therefore less weight to pull and lift while ensuring a higher resistance.

### **KVERNELAND AUTO-RESET SYSTEM** EFFICIENT AND MAINTENANCE FREE

#### **Release characteristics**

The diagram shows the differences between three different Auto-reset systems, and how the pressure varies as the body rises (1 cm).

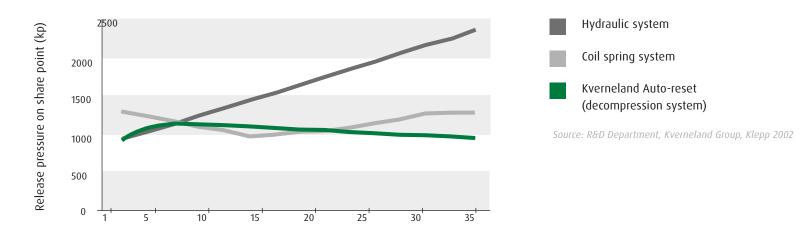
#### Conclusion

The unique Kverneland leaf spring Auto-reset system is highly recommended.

#### **Benefits from Kverneland Auto-reset**

When hitting an obstacle, the pressure on the point, frame, plough parts, decreases. The stress on the plough is therefore reduced which guarantees a longer life to the plough.

Each body releases independently one from another to come back to the correct ploughing depth once the obstable passed. This ensures a quality ploughing.





### **KVERNELAND BODIES** FOR HIGH PERFORMANCE

#### Designed for high performance

Kverneland bodies benefit from an outstanding reputation worldwide: high agronomic performance and low wearing.

#### Low pull requirement

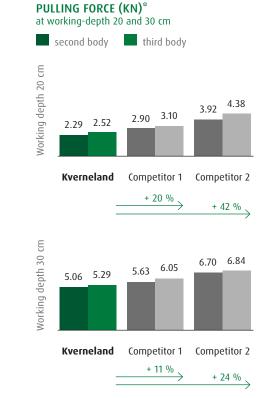
Recent university studies, FH Cologne and Wilsmannn 2012, have revealed that the design of Kverneland bodies offer some of the lowest pulling forces on the market: from -20% to -42% when ploughing at 20 cm working depth and -11% to -24% at 30 cm.

#### **Optimise profitability**

It is therefore possible to plough with one extra Kverneland body and gain in output compared to competition for the equivalent pulling forces. As regard to fuel consumption, it is reduced by 19% to 28% when using a Kverneland plough.

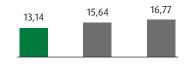
#### Wide choice of bodies

Over the years, Kverneland has designed bodies which are adapted to any soils conditions.



Source: FH Cologne and Wilsmann, 2012

#### FUEL CONSUMPTION (L/HA)\*

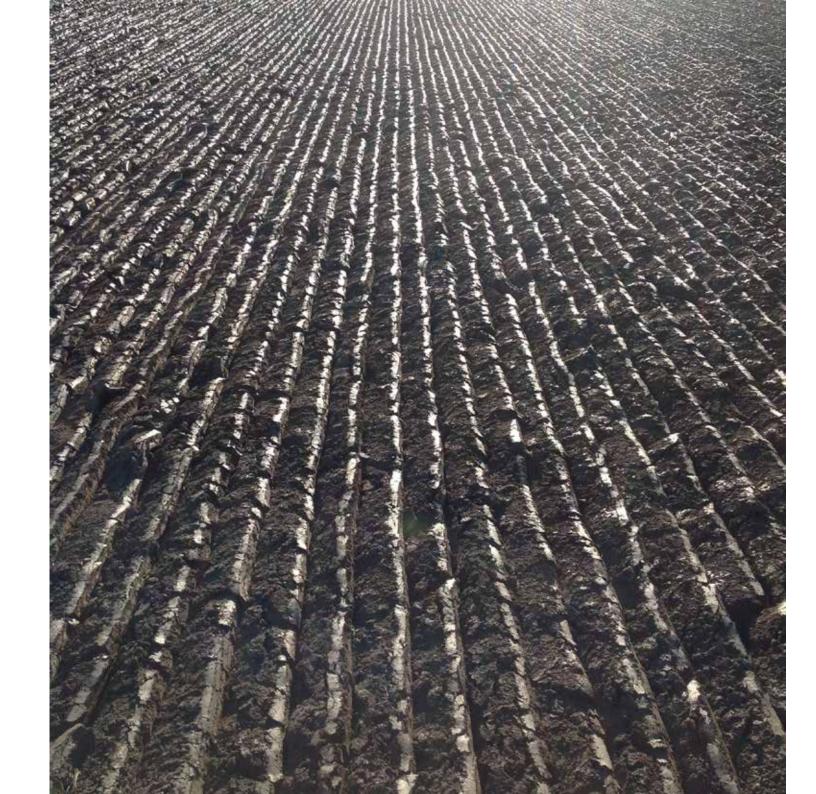


Kverneland Competitor A Competitor B



\* The reference body is Kverneland No. 28 and the equivalent from competitors.

Source: FH Cologne, 2014





#### Body No. 8

- general purpose body
- for light to heavy soils
- working depth: 15-28 cm
- working width: 30-50 cm
- landside / mouldboard: 40°



#### Body No. 9

- universal body •
- for light and medium soil .
- easy to pull •
- working depth: 18-30 cm •
- working width: 30-50 cm •
- landside / mouldboard: 40° •



#### Body No. 30

- finger mouldboard with 4 exchangeable strips •
- plastic spacers
- shape of body no.19
- for any soil conditions
- intensive crumbling
- working depth: 18-35 cm
- working width: 30-55 cm
- landside / mouldboard: 46°



#### Body No. 19

- universal body
- for medium to heavy soils
- specially designed for burying large ٠ quantities of chopped or stripped straw
- working depth: 18-35 cm •
- working width: 30-55 cm
- landside / mouldboard: 46°



#### Body No. 34

- plastic mouldboard .
- long and slim shape (similar to body No. 28) •
- for soils with high humus content without stones •
- advised for tractors with large tyres
- easy pulling •
- working depth: 12-35 cm •
- working width: 30-55 cm .
- landside / mouldboard: 40° •



#### Body No. 38

- universal body easy to pull
- for any soil conditions
- recommended for tractors with large tyres •
- from deep to shallow ploughing •
- perfect turning of the furrow slice
- working depth: 12-38 cm •
- working width: 30-55 cm
- landside / mouldboard: 40°

### **BODY NO. 28** THE ANSWER FOR PLOUGHING WITH WIDE TYRES



#### Body No. 28

- universal body easy to pull
- for any soil conditions
- recommended for tractors with large tyres
- creates a flatter profile for improved tilth
- perfect turning of the furrow slice
- working depth: 12-30 cm
- working width: 30-55 cm
- landside / mouldboard: 40°

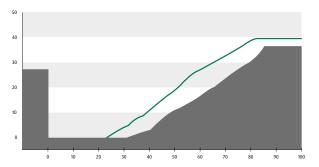
Body No. 28 is Kverneland's answer to ploughing with modern farm tractors equipped with wide tyres.

#### Wide empty furrow

Body No. 28 shape and action moves the soil further away from the landside, increases the furrow bottom width by as much as 25% compared to body No. 9. This allows wide tractor tyres, like a 710 serie type, to work in the furrow without rolling down the previous furrow.

#### Low pulling forces

Body No. 28 is suitable for depths from 15 to 30 cm (6 to 12 inches) and widths from 35 to 50 cm (14 to 20 inches). Longer than body No. 8, it creates a flatter profile for an improved tilth. The furrow is well turned and packed. body No. 28 clever design will require as little pulling force as body No. 8 or 9.



furrow profile body No. 28 working depth: 26 cm, buttom: 30 cm, width 73 cm





### **KVERNELAND AB/AD VARIOMAT® PLOUGHS** STRONG AND EFFICIENT

Increase your capacity up to 30% with 20% less fuel: Conventional mounted ploughs with stepless furrow width adjustment, manual or hydraulic.

#### **Robust construction**

The Kverneland AB & AD are known for their simple but strong and reliable construction.

A robust 100x200 mm square frame, induction heattreated by a special method developed by Kverneland, gives the necessary strength. This together with the heavy duty beams, the Kverneland auto-reset system and the well known Kverneland bodies contribute to high ploughing performance in most conditions.

#### **Optimise output**

Both models feature the Variomat® system, which allows infinite furrow width adjustment from 30 to 50 cm (12" to 20"). By increasing from 35 to 45 cm (14" to 18") the working capacity will be increased by up to 30%.

Likewise, the optimal furrow width can be obtained for all types of soil, moisture conditions and tractor capacity. Hence fuel consumption and ploughing performance are optimised.

#### AB and AD models

On the AB model all adjustments have to be done manually while setting up the plough. For the AD model, "On the Move" working width adjustments are hydraulically done from the tractor seat.

On the AB model the furrow width adjustment is done by using two turnbuckles: one to angle the main frame and the other to correct the width of the front furrow. On the AD model, a special frame construction with one hydraulic cylinder enables the operator to hydraulically adjust all furrows, including the first one, plus the realignment of the rear wheel, with a single lever operation from the tractor seat.

#### Ploughing on side slopes

Mechanical front furrow width adjustment is standard. However, a hydraulic cylinder is available and is recommended for ploughing on side slopes to control the front furrow width "On the Move".

#### Maximise performance

The Kverneland auto-reset system, the simplest and most reliable system in the world, ensures trouble-free work in stony fields for years.

#### Very easy to operate

Both models are easy to adjust to any tractors and remain easy to operate: only a few adjustments and the plough is ready for work. Under difficult conditions one or more bodies can be locked in a parked position.

#### **Optimise your plough**

Kverneland AB is available as: 2-, 3- and 4 furrows, while Kverneland AD is available as: 3-, 4- and 5 furrows.

All models can be extended by one furrow to the maximum size indicated above. This means that the plough can grow with the size of your tractor.



## HIGH MANOEUVRABILITY

OI INT ORSE &

# HIGH PERFORMANCE

### **KVERNELAND BE VARIOMAT®** ROBUST SEMI-MOUNTED PLOUGH

#### Designed to be strong

The Kverneland BE model has an upgraded design to better withstand the ever increasing demand from the market. The dimensions of the main beam is 200 x 200 mm using the Kverneland induction heattreated tube. In addition the whole front and the hitch system are upgraded and strengthened.

Not least, the Kverneland BE benefits from the unique Kverneland Auto-Reset system for perfect Non-Stop ploughing in most conditions.

#### **Optimized output**

The Variomat® allows "On the Move" working width changes between 30 and 55 cm (12 and 22 inches). It ensures the perfect ploughing in any conditions by giving possibilities to adjust the ploughing width according to the ploughing conditions. On heavy soils, it may be advantageous to use a narrow ploughing width of 30 cm (12"), while ploughing in light and sandy conditions, allows you to go up to the maximum width of 55 cm (22").

The adjustment of the ploughing width is done hydraulically from the tractor seat, effortless and uncomplicated.

#### Very easy to operate

The Kverneland BE is very easy to adapt to different tractor wheel settings, once the plough is initially adjusted for a specific tractor wheel width, the Variomat® system ensures that the lines of draft remains correct even when widening the furrows to the maximum size. Hence, there is no need to readjust the tractor wheel settings. With an underbeam clearance of 80 cm (32") and a interbody clearance of 100 cm (40"), the Kverneland BE plough operates in all ploughing conditions with perfect results.

#### Maximise output

The Kverneland BE model is available as: 5-, 6-, 7- and 8 furrows. Most models are extendable by 1 furrow to max. 8 furrows.

#### **Recommended for hilly conditions**

Mechanical front furrow width adjustment is standard. A hydraulic cylinder is available as an option and is recommended for ploughing in hilly conditions to adjust the furrow width "on the move".

### **KVERNELAND BE VARIOMAT®** ROBUST SEMI-MOUNTED PLOUGH

#### Easy front furrow adjustments

The Kverneland BE plough features a heavy front and hitch attachment making it easier to fit to all tractors and to adjust the witdth of the front furrow.

The manual front furrow adjustment is a standard equipment. An hydraulic cylinder is available for hydraulically operations from the tractor seat. Is very advantageous when working across sloping grounds.

#### **Kverneland beams**

The beam on the Kverneland BE are extremely strong. The steel quality together with the special heat treatment provide maximum strength. The beams have been used for many years on thousands of ploughs and are working in all conditions all over the world with great success.





### **KVERNELAND BE VARIOMAT®** ROBUST SEMI-MOUNTED PLOUGH

#### **High manoeuvrability**

The Kverneland BE plough is equipped with a new hydraulically operated rear wheel, making it very easy to operate the plough. The new system provides small turning radius and excellent manouvrability during work and transportation.

The BE plough can be supplied with different wheel dimensions.



As standard, 2 accumulators are fitted to the BE plough for safe steering







### KVERNELAND KNOCK-ON® QUICK & EASY

#### Smart

The Knock-on® system consists of only 2 parts: a holder fixed to a regular Kverneland share and a Knock-on® point.

#### Clever

Kverneland Knock-on® is a universal system. Plough Knock-on® points can also be used for cultivators.

#### Long lasting

Knock-on® benefits from the Kverneland steel technology (quality steels + Kverneland heat treatments). The quality of the steel combined with a clever design ensure a long life to the Knock-on® system. Therefore, Knock-on® points can be used in any soil conditions.

#### Quick

Knock-on® points are changed in a few seconds. It makes sense to save 90% of your time in changing points when working in abrasive soils (points wear quicker) or when having a 5+ furrow plough.

#### Easy

The only tools needed are a chisel and a hammer (2 kg). Field tests reveal that, as an average, 3 points can be mounted on the same Knock-on® holder. No bolt to unscrew helps save time. In addition, when the holder is worn out, it is normally also time to change the share, without unscrewing the holder. Very handy!

#### **Agronomic benefits**

Good soil penetration & Stable in work

Knock-on® has been tested in several soil conditions. Even in the hardest soils, the points ensure a good penetration.

#### Low pulling forces

Kverneland bodies are reknown for their unrivalled low pulling forces. With Knock-on® points, the pulling forces remain low and hence the fuel consumption.

#### Soil flow protection

The clever design of Knock-on® actually protects the other parts of the body while allowing an efficient soil flow.







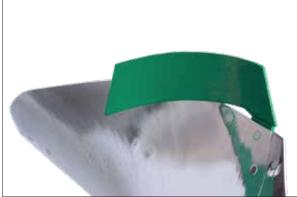
Soil flow protects other parts.

### ACCESSORIES TO MAXIMISE EFFICIENCY



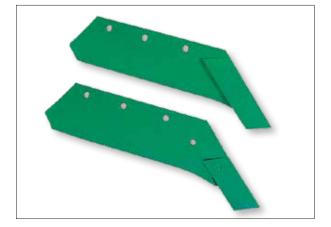
#### Easy adjustable skimmers

To ensure optimum positioning of the skimmer, a quick adjusting system is incorporated on all plough models. The skimmers are available in two versions: standard manure and maize skimmers for those difficult conditions with large amounts of trash.



#### Trashboards

Particularly useful when large quantities of surface trash are present (manure, straw etc.)



#### Shares

Shares with Reversible Points: The most cost efficient system to plough in difficult conditions like hard or abrasive soils.

#### Shares with Flush Fit Points:

Recommended for ploughing in sticky soil conditions. The point is fixed by means of a single bolt and is therefore quickly replaced.



Plain disc coulter

Notched disk coulter

#### **Disc Coulters**

Available in sizes 45, 50 and 55 cm (18, 20 or 22") diameter, plain or notched. Disc coulters are mounted on single arms. Easy to adjust to suit all conditions.



#### **Sword Share Knives**

These are an alternative to disc coulters, either to reduce weight or to avoid blockage from trash and stones. It can only be used on ploughs fitted with reversible points.



#### **Landside Knives**

A very good alternative to disc coulters, either to reduce weight or to avoid blockage from trash and stones. A good combination with skimmers.



#### **Furrow Opener**

For use on the rear body to increase the width of the furrow bottom in order to accept tractors with larger tyres: up to 30" wide for example.



Steel wheel

Rubber wheel

#### Rear Depth Wheel for AB/AD ploughs

When ploughing in changing soil conditions and when it is essential for an even depth, the depth wheel eliminates the need for constant adjustment with the depth control lever on the tractor. Rubber wheel: 6,00 x 9 Metal wheel: 500 x 165



Easy adjustable skimmers

To ensure optimum positioning of the skimmer, a quick adjusting system is incorporated on all plough models.

#### PARTS & SERVICE



### **ORIGINAL PARTS & SERVICE** ONLY ORIGINAL PARTS WILL KEEP YOUR MACHINE A KVERNELAND



Did you know that our parts are manufactured to the same high standards and strict specifications as the Kverneland machines? Original Parts will always work and fit as intended, and are guaranteed to keep your machine running at maximum performance.

Kverneland has been a symbol of quality since 1879; the experience we have, combined with a constant strive to improve our products, ensures you the best parts available for your Kverneland machine. Parts and Service surrounds your machine with a safety-net; the quality ensures optimal usage of the machine, the quality of the parts refers to a low life-cycle cost and longer wearing time.

Our long term relationship starts at the purchase of your Kverneland machine, and we will continuously stay by your side for support and assistance. We will guide you on the way to make sure you achieve maximum performance, productivity and profit.

Do not compromise quality with cheap solutions, remember that only Original Kverneland parts are the guaranteed solution to achieve what is expected by a Kverneland machine.





#### **YOUR PARTS SPECIALIST**

Through our worldwide dealer network you will find your local dealer, whom is always prepared to assist you. Your Kverneland dealer knows every inch of your machine and will gladly provide the expertise needed to ensure that you are operating at maximum potential.

Your parts specialist has got all the parts that you need and will also have the facilities to service your machine. Make sure to visit your Kverneland dealer on a regular basis to be updated on promotions and product news that you will not find elsewhere.



#### **ALWAYS AVAILABLE**

Time is money, and we know the importance of receiving the right parts at the right time! Your Kverneland dealer is supported by a massive distribution network to supply you with exactly what you need, when you need it.

Our main distribution centre is located in Metz, France. A strategic location for distributing parts to all corners of the world. With over 70.000 parts in stock and 24/7 service, we are ready to supply you with parts – at any time!



#### **EASY ACCESS TO INFORMATION**

Are you looking for a complete overview of parts for your machine? Maybe you are searching for more technical information? Our Online Search Database, *Quest*, provides all information available for your machine.

Various documentation like Parts Manuals, Operation Manuals, Software updates and FAQ's, it is all there. *Quest* is available in several different languages and can be accessed wherever and whenever. All answers are easy to find – just a few clicks away !

### **TECHNICAL DATA**

Model	Interbody clearance cm	Working width cm	Underbeam clearance cm	No. of furrows	Weight (kg)							Recommended horse power (hp)						
					2	3	4	5	6	7	8	2	3	4	5	6		8
AB	85	30-50	70	2-4	425	580	750	-	-	-	-	40-60	60-80	80-100	-	-	-	-
AB	100	30-55	70	2-4	440	600	800	-	-	-	-	40-60	60-80	80-100	-	-	-	-
AD	85	30-50	70/80	3-5	-	730	900	1090	1260	-	-	-	60-80	80-100	100-120	120-140	-	-
AD	100	30-55	70/80	3-5	-	750	920	1120	1290	-	-	-	60-80	80-100	100-120	120-140	-	-
BE	85	30-50	80	5-6	-	-	-	2060	2260	-	-	-	-	-	90-100	120-180	-	-
BE	100	35-55	80	5-8	-	-	-	2135	2350	2600	2850	-	-	-	90-100	120-180	140-190	160-200
BE	115	35-55	80	5-7	-	-	-	2210	2440	2705	-	-	-	-	90-110	120-180	140-190	-

Most models can be extended by one body. All weights are given without optional equipment (net weights). The lift-requirements are given with the following equipment: depth wheel, one coulter and skimmers for all furrows. Weights and lifting requirements are given for ploughs with 85 cm 'interbody clearance'. For ploughs with 100 cm clearance, please adjust according to the following: Weight + 15 kg/body, lifting requirement + 50 kg/body. Most ploughs with stepless ploughing width and interbody clearance of 85 cm have a working width between 30-45 cm, while ploughs with 100 cm have a working width between 35-50 cm.

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KVERNELAND CONVENTIONAL 782302 05/11.2019

### WHEN FARMING MEANS BUSINESS

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