

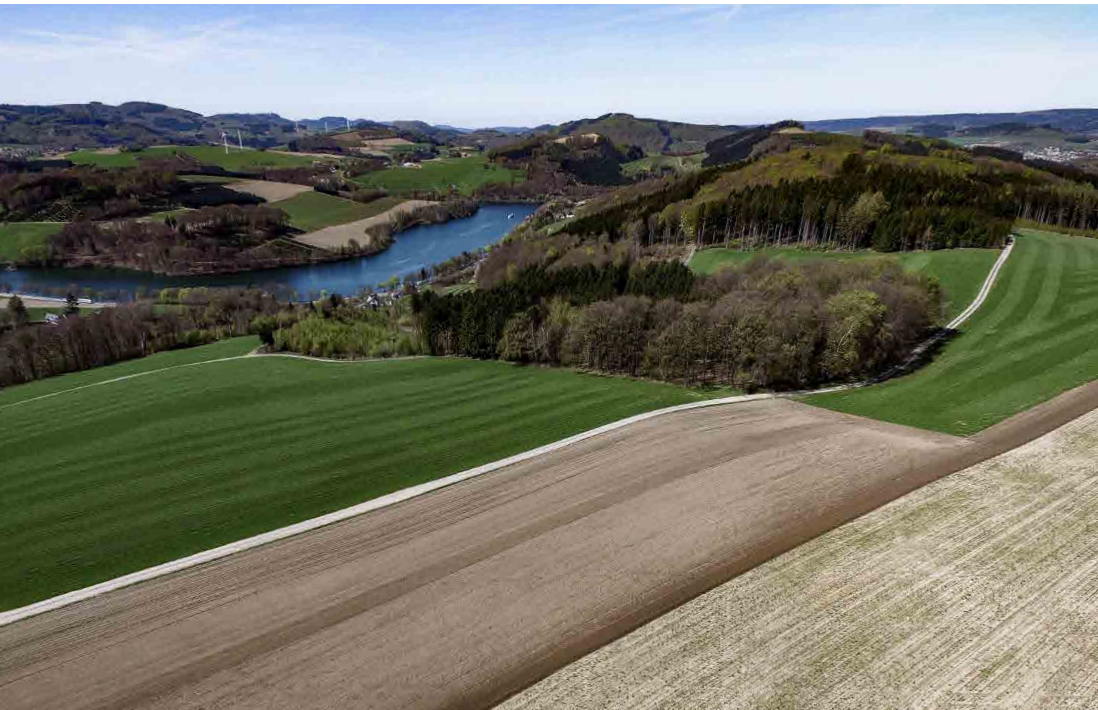


IXTER A/IXTER B/IXTRA

MOUNTED FIELD SPRAYERS

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 has to 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.



Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package aimed at the professional farming community, covering the areas of soil preparation, seeding, forage and bale equipment, spreading, spraying and electronic solutions for agricultural tractors and machinery.

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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 absorption

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			Deep Tillage (not a must)	Basic Tillage	Seedbed Preparation	Seeding	Spreading	Spraying
CROP ESTABLISHMENT SYSTEMS	CONVENTIONAL			  	 	 	 	  
	intensive				 			
CONSERVATION		Soil coverage after Seeding						
extensive		> 30%						
		15 - 30%						
		up to 15%						
		Method						
		Vertical Tillage shallow tillage						
		Mulch Seeding without soil inversion						
		Reduced Till without soil inversion						
		Conventional with soil inversion						

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

WHEN FARMING MEANS BUSINESS

Building a profitable operation. Investing in the future, using economies of scale. Farming is about growing, not only a crop or livestock, but also a profit. Because in the end farming comes down to business.

It starts with clear goals, the right strategy and holding on to your plan. Proven technology can help to realize your goals, as long as the investment in machinery contributes to efficiency, precision and lower cost.

Kverneland is a partner for entrepreneurs in agriculture. By providing top quality implements with the lowest total cost of ownership. Smart solutions to manage your success in agriculture.





SPRAY

Efficient spraying is a decisive factor when securing yield, quality and protection of crops and environment.



EFFICIENCY

PRECISION

PRODUCTIVITY



PRECISE, EASY AND COST EFFECTIVE SPRAYING

EVERY CROP DESERVES THE BEST CARE

Efficiency

When farming means business, efficient management of your crop protection to secure a profitable harvest is a decisive factor. Every crop deserves the best care: the right actions at the right moment.

Productivity

When farming the land you need to respond to specific demands of your crop. Raising productivity and output requires more precision in farming. You are facing specific field conditions, that may vary a lot, and weather conditions that could change per hour. Details in timing and execution can have a major impact.

Precision

High precision spraying is an important factor. You want to be sure that the product you apply is perfectly dispersed giving value out of every drop of spray liquid, even at high speed. The job has to be done with the highest possible efficiency. You want to cut back waste, reduce input costs and minimise the impact on the environment.

*With a Kverneland sprayer you are sure
that your crop gets the best care*

LIQUID MANAGEMENT

STABILITY

PRECISION SPRAYING

EASE OF USE

INTELLIGENT
ELECTRONICS



OPTIMISE PRECISION AND COMFORT TO GROW THE BEST CROPS



Ease of use

The complete iXter mounted sprayer range is developed in cooperation with farmers and designed for precise, easy and cost effective spraying. Means suitable for every farmer.



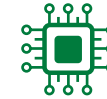
Precision spraying

The iXter range is equipped with a boom lift for an optimal boom performance, in spraying position, securing a correct crop coverage.



Stability

The gravity point of the iXter A and B is close to the tractor which has a positive influence for lower tractor lifting capacity. The iXtra front tank is that front end weight you can turn into additional capacity and adds even more stability to your tractor, only when needed!



Intelligent electronics

Simple control to boost your performance. Easy to operate electronics are available for the iXter A sprayer range. The iXter B series can also be equipped as ISOBUS compatible sprayer. The iXtra front tank is besides a manual controlled version, also available as ISOBUS compatible front tank, which means easy plug and play with any AEF certified terminal.



Liquid management

Optimal crop protection with environmental focus. The iXter mounted sprayer range is providing value out of every drop of spray liquid, because every crop deserves the best care. Multi-Tank-Management with the iXter B-iXtra combination gives you more flexibility while spraying.

THE KVERNELAND IXTER B SOLUTIONS

EVERY DROPLET IN THE CORRECT PLACE

The Kverneland iXter B mounted sprayer range is the fruit of years of research and development in close collaboration with farmers. The iXter B sprayer is designed with focus on ease of use, intelligent electronics and environmental protection.

- 1** The **EasyHitch** quick hitch system makes life simple for you. There is enough space between the tractor and the sprayer to connect the PTO shaft, the hydraulics and the electric cables. An ingenious locking system secures the machine and shows the operator it has been connected correctly. The **EasySet** control panel is boosting productivity by its intuitive operation. The controls are separated to a suction and pressure side. The valves are well protected behind the door; this keeps your operational area free of dirt and spray liquid. Filling the sprayer is **easy, clean and safe** due to the integrated chemical inductor, hand wash tank, clean water tank and clean cloth locker. This is all part of the design!
- 2** The suspended boom lift on the iXter B combines optimal stability with soft boom balancing and limited vertical movement to minimise spray height deviations, **securing correct crop coverage**. The **HOSA (15m)** and **HC (18-30m) spray booms** with different spraying functionalities are available to meet specific requirements or field conditions.
- 3** The ENFO priming and rinsing system is standard on all Kverneland spray computers. Operator convenience can be increased by adding an electrical level indicator, **iXclean Comfort** semi-automatic valve management system or **iXclean Pro** which offers a fully automatic, electric valve management system on ISOBUS sprayers. Every litre counts!
- 4** The **intelligent electronics** guarantee an user friendly operation of the sprayer. With the IsoMatch Grip you can add control to the fingertips for easy control of the sprayer. With the innovative features on the iXter B, like iXclean, iXflow-E and Boom Guide it is even more easy to do your spraying job.

*iXter B -
The power of technology*



FULLY INTEGRATED CONCEPT FOR MORE COMFORT AND EASY OPERATION

All functions of the iXter B are easily to handle: a better protection and integration is simply not possible.



Easy Hitch

Easy and simple to connect the iXter B to the tractor. The ingenious locking system secures the machine and shows the operator it has connected correctly.



Easy Set

The Easy Set valve panel makes life easy by its intuitive operation. The controls are separated to a suction and a pressure side. The valves are well protected behind the door; this keeps your operational area free of dirt and pesticides.



Filtration system

Both suction and pressure filters are easy accessible for inspection and any subsequent cleaning, ensuring minimal contact with spray liquid. The high capacity suction filter, filters the complete flow before the liquid enters the pump. The self cleaning pressure filter prevents blocking via a continuous flow keeping the filter mesh clean. The undissolved particles are returned into the tank until they are completely dispersed.



Induction bowl

The graduated induction bowl with a capacity of 30 litres is mounted on rails and fully integrated in the frame. The rotating canister cleaning nozzle releases the water when pushed downwards. The circular rinsing system is no add on: it is part of the design!



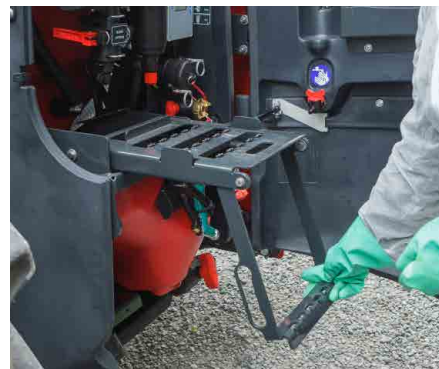
Clean cloth locker

A storage place for gloves, liquid soap and the hand wash tank itself are integrated in the door. To prevent contamination, washing liquids can be caught in the induction bowl.



Hand wash tank

Everything is available to keep your hands clean. Easy access to fill the tank via the opening in the cover. You can wash your hands via the hand wash tap which is integrated in the door. To prevent contamination, washing liquids can be caught in the induction bowl.



Fully integrated step

The fully integrated step and handgrips allow safe access to the tank lid even on the 1800 litre tank. This for an easy and save inspection.



Electrical level indicator

An electrical level indicator provides actual tank volume to a spraying computer as well as via the external display on the valve panel.



180 litre clean water tank

The sprayer can be cleaned in the field with water from the clean water tank. Easy access to fill the tank via the opening in the cover.



IXCLEAN COMFORT

iXclean Comfort is a semi-automatic valve control system. The combination of an electrical level indicator and suction valve provides operator comfort and accuracy; automatic filling stops when the programmed level is reached, and remote control of all ENFO rinsing and priming functions are carried out from the cab! Simple prime the spray lines before you start and rinse them afterwards. ENFO is included as part of the standard specification of all Kverneland spray computers.

IXCLEAN PRO

iXclean Pro is an advanced solution with fully automatic, electric valve management on ISOBUS sprayers. It means all functions can be controlled from the cab. Switching between filling, agitation, spraying, diluting, priming, rinsing and tank cleaning, is extremely easy: just push the button! In addition to auto filling, iXclean Pro offers also a fully automatic multi-step rinsing and cleaning program for the entire sprayer. Pushing one button a comprehensive cleaning process including all lines will start. It is so thorough, that residue levels after automated cleaning are below 1%. iXclean Pro for filling or cleaning: making every litre count!



IXFLOW-E - FOR INCREASED CROP QUALITY AND COST SAVINGS

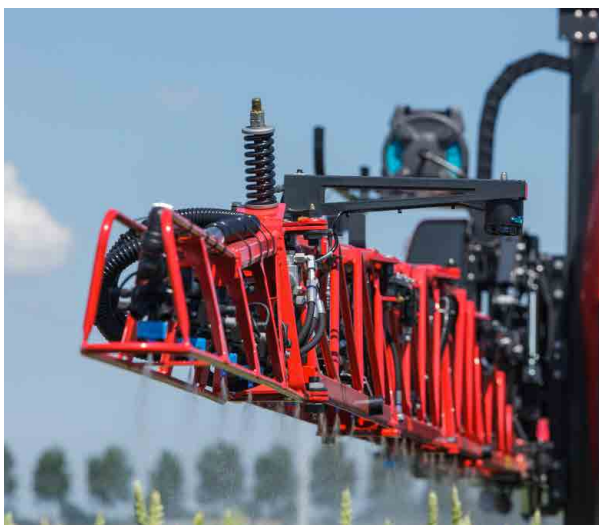
iXflow-E is the spray line recirculation system with electric nozzle control. There is a free circulation of chemicals with a return of spray liquid back to the tank as spraying stops. This means there is no sedimentation in the spray lines and no dead ends for spraying or cleaning, even when the boom is in vertical position. Each section gets under pressure from both ends of the spray lines, so the operator can immediately start spraying without any pressure drop. iXflow-E is available on the iXter B mounted sprayer range in combination with the HC 24-30 metre spray boom range with a maximum number of 15 spraying sections. So it is easy for the operator to determine the number and size of sections which fits the best to their requirements and field situations. The combination of IsoMatch GEOCONTROL and GPS allows the operator to reduce overlap and over dosing, to increase crop quality and save costs. All this in combination with even high flow rates, because there is no impact on the section length, no loss of pressure or an unequal flow between sections. iXflow-E is also fully compatible with the iXclean Pro automatic cleaning and rinsing functionality. Rest liquid is not returned into the tank with the result of minimisation of the technical rest volume in the tank and spot contamination at the farm or in the field is avoided.





BOOM GUIDE - MAINTAIN YOUR BOOM HEIGHT!

Boom Guide is an automatic boom height control system that helps the operator to maintain your chosen spraying height. Ultrasonic sensors control the sprayer's hydraulics to guide the boom. This unique sensor technology provides excellent guidance in many different and challenging field conditions and crops. It guides the boom over the crop canopy, soil surface or a combination of both modes, making it easier for the operator to stay focused on spraying.

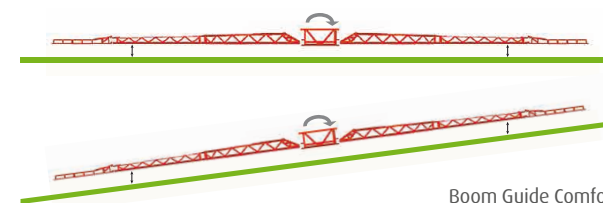


Boom Guide Comfort

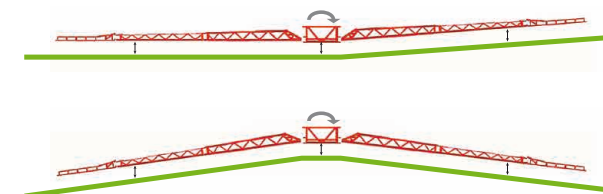
The two ultrasonic sensors on the boom can control the spray height via the central slope correction and boom lift functions. This cost-effective system is suited to gentle slopes, uneven crop conditions and lower driving speeds.

Boom Guide Pro

This advanced system uses three ultrasonic sensors to control left- and right-hand boom sections independently for the ultimate guidance in the most challenging field conditions. It can deliver positive and negative lateral movement on each side of the boom to follow the contours in every condition!



Boom Guide Comfort



Boom Guide Pro

THE KVERNELAND IXTRA SOLUTIONS

MORE THAN JUST EXTRA VOLUME

The innovative iXtra concept offers much more than just extra tank volume. In combination with the iXter B mounted sprayer, the iXtra front tank provides a total tank volume of around 3000 litres, making the iXter B in combination with the iXtra a serious alternative to a self propelled sprayer.

①

The iXtra concept with combined functions gives you more flexibility: you can easily select which tank you would like to use from the tractor cab while spraying. There are three different combinations possible with the iXtra front tank:

- One-tank approach: both tanks are filled with spray liquid it **boosts tank capacity** by 60%.
- Two-tank approach: filled with **two different tank mixes**, the front and rear tanks can be used as two independent spray tanks.
- Reservoir approach: filled with **clean water** or a concentrated product the iXtra front tank can be used as a reservoir for later use, for example in another field or crop.

②

There are two different versions of the iXtra front tank. The iXtra Comfort with manual control of the EasySet control panel on the iXter as well as the control panel of the iXtra. The other version is the iXtra Pro. This is the ISOBUS version of the front tank, the operator gets **full control over all functions** from the tractor seat including automatic level management. Front to rear tanks will then be emptied in equal proportion for optimum weight distribution.

③

The iXtra front tank uses the functions of the iXter B mounted sprayer when filling and spraying. This avoids the need - or additional cost - for a separate induction hopper or spray pump for the front tank. All the necessary controls are conveniently located on the sprayer and are operated from the EasySet valve panel on the iXter B.

④

Without a front PTO shaft or hydraulic hoses, hitching and unhitching the iXtra is extremely simple: it uses only two hoses with CAMlock connections and an electrical cable - it really is that simple!





OPTIMAL VISIBILITY

FROM THE TRACTOR CAB IN ALL SITUATIONS

The low and compact design of the iXtra front tank gives the tractor driver still an excellent visibility on the tramlines in the field.

The iXter B and iXtra will give optimal balance to this combination. With tractors able to carry much higher loads on their rear linkages, the need for ballast weight on the front of the tractor is essential. With a nominal volume of more than 1100 litres, the iXtra is that front end weight, adding stability to your tractor, but only when needed.



THE KVERNELAND IXTER A SOLUTIONS

EVERY DROPLET IN THE CORRECT PLACE

The Kverneland iXter A is a professional mounted sprayer, with a low weight, close gravity point to the tractor and easy to operate at the same time.

①

The iXter A makes life easy, because the sprayer is **easy to hitch and unhitch**. There is enough space to connect the PTO shaft and the hydraulic and electric cables. A parking frame is available for easy storage.

It is **easy to operate** the iXter A sprayer with the control panel (valves are separated to a suction and pressure side), chemical inductor, hand wash tank and clean cloth locker all on the same side of the sprayer.

②

The suspended on the iXter A combines optimal stability with soft boom balancing and limited vertical movement to minimise spray height deviations, **securing correct crop coverage**.

The **HOSA (12-15m)** and **HC (18-21m)** spray booms with different spraying functionalities are available to meet specific requirements or field conditions.

③

The ENFO priming and rinsing system is standard on all Kverneland spray computers. This smart technology optimises filling and cleaning of the spray lines. Accurate application, no waste of chemicals and saving water are the benefits for the operator and the environment.

④

The **electronics** guarantee an user friendly operation of the sprayer. With the all in one Remote Control or the simple to operate FlowMate Control spray computer it is easy to have full control over your sprayer.

*iXter A -
The power of simplicity*



EASY OPERATION LEADS YOU IN THE RIGHT DIRECTION

It is easy to operate the iXter A sprayer with the control panel, induction bowl, handwash tank and clean cloth locker all on the same side of the sprayer. Better protection and integration is simply not possible.

Easy to hitch

The gravity point of the iXter A is close to the tractor for a maximum weight transfer, but still there is enough space to easy hitch and unhitch the sprayer.



Control panel

The control panel makes life easy by its intuitive operation. The controls are separated to a suction and pressure side. So all control functions are easily to hand.





Clean water tank

The sprayer can be cleaned in the field with water from the clean water tank. The level indicator indicates the actual water level in the clean water tank.

Stairs to tank lid

Stairs to tank lid for filling or inspection
The fully integrated step and handgrips allow safe access to the tank lid even on the 1200 litre tank.



Rotating level indicator

A rotating level indicator provides the actual tank volume.



Outside cleaning set (optional)

15m of hose, a brush with insert for soap, all linked to the pressure side of the pump, allow cleaning in the field with water from the clean water tank.



Hand wash tank

Everything is available to keep your hands clean. Easy access to fill the tank via the opening in the cover. You can wash your hands via the hand wash tap which is integrated in the door. To prevent contamination, washing liquids can be caught in the induction bowl.

Clean cloth locker

The clean cloth locker allowing you to keep your safety and cleaning equipment or tools with you on the sprayer.

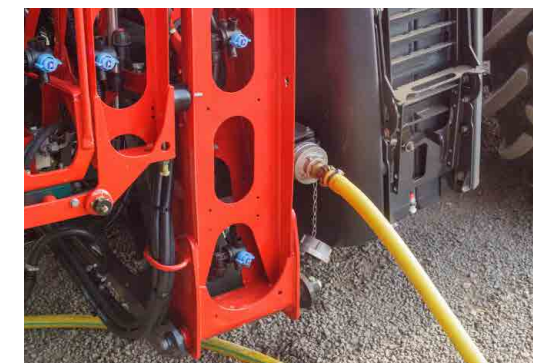
Induction bowl

The graduated induction bowl with a capacity of 30 litres is mounted on a pivoting point and fully integrated in the frame. The rotating canister cleaning nozzle releases the water when pushed downwards. The circular rinsing system is no add on: it is part of the design!



Hydrant filling

The optional 2 inch hydrant filling device allows filling under pressure at high capacity. A GEKA adapter for 1 inch filling is optional available.



HOSA BOOM

INNOVATIONS TO MAKE LIFE EASY

The HOSA is an unique boom having an advanced Z-folding principle: the lateral movement enables you to quickly reduce boom width and pass obstacles in the field. The aluminium profile is designed for maximum resistance. No welding provides remarkable strength, the anodised hardened surface protects against scratches and corrosion.



One-side spraying

With the HOSA spray boom it is possible to do one-side spraying, it gives more flexibility in the fields along hedges and obstacles.



“Z” folding

The HOSA “Z” folding system is unbeatable in passing obstacles quickly. No space is needed behind to fold in and out.



Integrated nozzle protection

The nozzles are fully integrated in the boom design for optimal protection.



- Z-folding aluminium boom
- One-side spraying
- 2,50m transport width
- Heavy construction, light weight
- Profile integrated nozzle protection
- Smooth surface for easy cleaning
- Mono or Trijets
- Central locking of pendulum system



- Made for high speed and extreme conditions
- 4 boom segments can be folded symmetrically or asymmetrically
- One-side spraying
- Full integration of nozzles
- 2,50m transport width
- High quality components

HC BOOM

THE VERSATILE BOOM

The HC is the multi-talented boom in the Steel-Liner family. The triangular steel construction and the unique ant yaw system allow high speed spraying in very difficult conditions. The boom is extremely strong and reliable. The balancing system with professional steel rollers ensures a perfect suspension in all circumstances.



Light weight, maximum strength

The HC boom has been designed for 100% integration of spray lines and nozzles, for light weight and maximum strength.



One-side spraying

The HC boom is giving you the functionalities for one side folding, symmetrical reduction and asymmetrical reduction depending of the choice for electric hydraulic command.



Safe on the road

The 2.50m transport width means that even narrow roads and gateways are no obstacle.



Remote Control EC

All in one remote control

Spraying on/off functions

Agitation shut off

Pressure control

Pre-select hydraulic boom functions



FlowMate Control FMC

Integration of all spraying and hydraulic functions

Controlling unique ENFO functions

Integrated nozzle advice

Field memory for 25 different fields



Starguide IV

Intuitive 5.7" colour touch screen

Field view with covered areas and overlap

Single and double overlap in different colours

USB slot for data export in different formats

GPS status warnings



IsoMatch Tellus GO

Under and over dosing on the go

Automatic section control

Variable rate application

Universal ISOBUS one-screen terminal



IsoMatch Tellus PRO

Under and over dosing on the go

Automatic section control

Variable rate application

Two ISOBUS interface screens



Switchbox



Switchbox

Operates spray and boom functions by intuitive layout for maximum comfort and short reaction times.

IsoMatch Grip



IsoMatch Grip

- Working together with the ISOBUS terminals IsoMatch Tellus PRO or IsoMatch Tellus GO
- 44 implement functions can be controlled and assigned
- Supports up to four work modes

ISOMATCH GEOCONTROL BRINGS CLEAR BENEFITS

IsoMatch GEOCONTROL

IsoMatch GEOCONTROL is an additional software application within the IsoMatch Tellus GO or PRO that helps you to control all ISOBUS compatible Kverneland Group machines such as sprayers or spreaders. Combined with a GPS receiver it fulfils the future needs in terms of easy, smart and efficient farming.

Section control

Automatic switching on and off implement sections on headlands, boundaries and already covered areas to minimise overlap.

Variable rate control

Automatically adjusts the implement application rate based on input from the field prescription or crop sensors.

Documentation

Saves all operational job data and field maps for exchange via USB to farm management information systems.

Manual guidance

- Advised driving position using guidance lines (straight, curved or combined) in the field and on headlands.
- Extendable using the optional IsoMatch InLine light bar, to place guidance in line of sights.
- Smart boundary recording: independent from the working width, even without any connected implement
- Boundary shrinking: create new inner boundaries by setting the desired width of the headland.
- Manual guidance for all operations, includes non-electric or non-ISOBUS implements. e.g. cultivators, mowers, tedders etc.

Clear benefits

- Easy and comfortable operation, due to not having to manually switch on or off sections or change the application rate. You can focus 100% on driving in the field.
- More efficient work and avoiding overlap leads to cost savings of 5-10% on e.g. fertiliser or pesticides. Better growing conditions and increased yield.
- With IsoMatch GEOCONTROL, working at night becomes very easy.

*IsoMatch GEOCONTROL
gives more freedom*



ISOMATCH GEOCONTROL

COST SAVING WITH PAYBACK

The more precisely the spray liquid is applied, the easier it is to work and harvest, and the greater the possible yield.

Spraying with GPS and IsoMatch GEOCONTROL in combination with a Kverneland ISOBUS compatible sprayer is a major step towards precision and cost saving. These machines are all equipped with ISOBUS technology which, with the help of the IsoMatch Tellus terminal, can be easily controlled.

This smart IsoMatch GEOCONTROL technology prevents waste of expensive spray liquid and ensures perfect alignment on the headlands and in the triangles. Overlap is a thing of the past, which not only saves on crop protection agents, it also ensures a more equal crop yield and quality. Each plant receives exactly the same amount of crop protection.

iM Calculator App - free to download

After filling in the required data, the calculator clearly shows what you can save in terms of money. With GPS it is possible to accurately seed, spread and spray without any overlap. The iM Calculator App calculates the cost saving by using those GPS functionalities.

The amount of **spray liquid saved** depends on the size and shape of the field and may amount to more than **10%**. The iM Calculator App suitable for tablets is free for download from the App Store or Google Play. The desktop version of the calculator can be found at: <http://imcalculator.kvernelandgroup.com>





MANAGE YOUR FARM AS A BUSINESS WITH OUR ISOMATCH PRECISION FARMING OFFERING

Our precision farming offering is essential in managing your farming business with success. Applying electronics, software, satellite-technology, online tools and Big Data enables you to use your farming equipment more effectively and reach higher profitability of your crops.



iM FARMING - smart, efficient, easy farming

Speed up on the path towards connected agriculture. We offer you numerous options and solutions for how to produce more with less; utilise inputs more efficiently and thereby increase profits and sustainability.

Enhance your success with e-learning

IsoMatch Simulator is a free downloadable virtual training program. It simulates all functions of the IsoMatch Universal Terminals and Kverneland ISOBUS machines. Train yourself and make yourself familiar with your machine to avoid errors and enhance your machine performance.

The best overview in farm management

IsoMatch FarmCentre is the first of a series of telematics solutions. This fleet management solution is applicable for your ISOBUS machines in combination with an IsoMatch Tellus GO/PRO. Whether you wish to control your fleet, manage tasks remotely or analyse machine performance data, IsoMatch FarmCentre provides this in an efficient web application, linking implements, tractors, terminals and the cloud in one continuous flow of data and connectivity.





ISOMATCH PRODUCTS



Improve your performance
Maximum efficiency, minimum waste

Be a PRO in increasing productivity

The **IsoMatch Tellus PRO** 12-inch terminal provides you with the optimal solution for an all-in-one control system inside the tractor cab. It is the centre for connecting all ISOBUS machines, running precision farming applications and Farm Management Systems. It offers everything you need to get the maximum out of your machines and crop, as well as cost savings in fertiliser, chemicals and seeds by using automatic section control and variable rate control. With the unique dual screen functionality it gives you the

opportunity to view and manage two machines and/or processes simultaneously.

Easy control management

The **IsoMatch Tellus GO** is a cost-efficient 7-inch terminal, especially developed for managing the machine in a simple way. Easily set up the machine with the soft keys and simply use the hard keys and rotary switch for optimal control while driving.



IsoMatch Grip

This ISOBUS auxiliary device is made for maximum machine control and efficient farming. Operate up to 44 implement functions from one device.



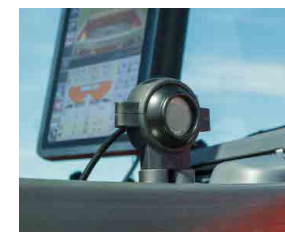
IsoMatch Global

GPS antenna enabling satellite navigation for site-specific section control, variable rate application, manual guidance and field registration.



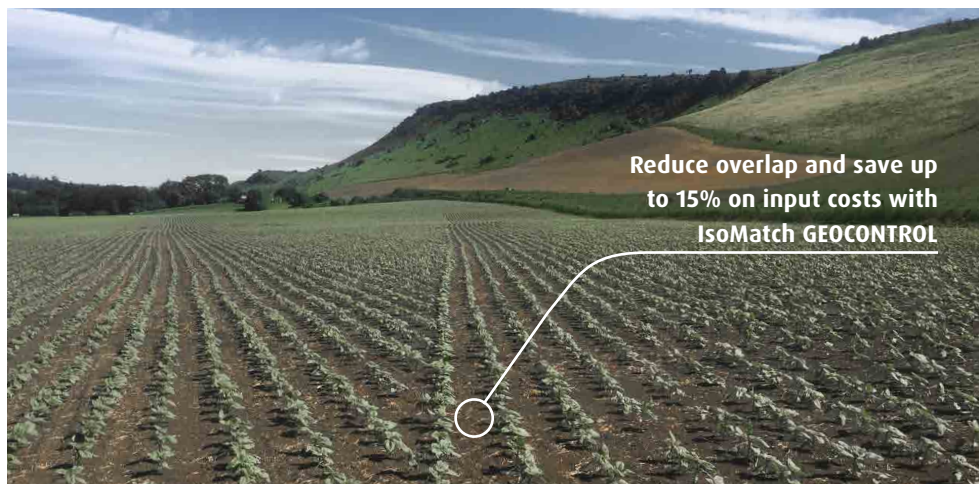
IsoMatch InLine

Light bar for manual guidance including section status information. Manage the distance from the A-B line and steer for the ideal position.



IsoMatch (Multi)Eye

Connect up to 4 cameras to the IsoMatch Universal Terminals. It gives you full control and overview of the entire machine operation.



Reduce overlap and save up to 15% on input costs with **IsoMatch GEOCONTROL**

Maximum savings!

The IsoMatch GEOCONTROL precision farming application includes Manual Guidance and Data Management free of charge. It is possible to expand this application with Section Control and/or Variable Rate Control.

ORIGINAL
PARTS

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.

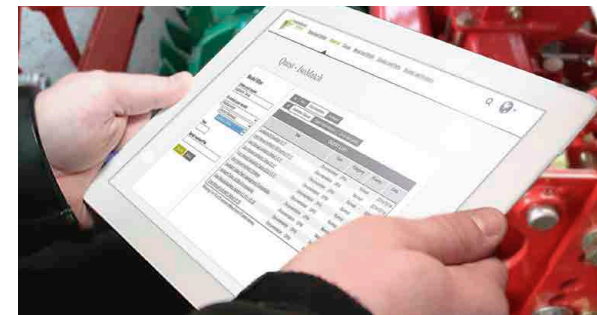
Your parts specialist has got all the parts that you need and will also have the facilities to service your machine. Make sure to visit your Kverneland dealer on a regular basis to be updated on promotions and product news that you will not find elsewhere.



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	iXter A			iXter B			
1. Tank Size							
Nominal tank capacity (l)	800	1000	1200	1000	1300	1600	1800
Maximum tank capacity (l)	965	1185	1395	1100	1450	1800	2000
Clean water tank (l)	130	130	130	180	180	180	180
Hand wash tank (l)	18	18	18	18	18	18	18
Chemical inductor with opening of 40x40 cm (l)	30	30	30	30	30	30	30
2. Empty Weight (Total Machine incl. Boom)							
... with HOSA 12m	889 kg	901 kg	913 kg	-	-	-	-
... with HOSA 15m	952 kg	964 kg	976 kg	1048 kg	1060 kg	1073 kg	1082 kg
... with HC 18m	1207 kg	1219 kg	1231 kg	1371 kg	1383 kg	1396 kg	1405 kg
... with HC 20m	1287 kg	1299 kg	1311 kg	1415 kg	1427 kg	1440 kg	1449 kg
... with HC 21m	1293 kg	1305 kg	1317 kg	1421 kg	1433 kg	1446 kg	1455 kg
... with HC 24m	-	-	-	1459 kg	1471 kg	1484 kg	1493 kg
... with HC 27m	-	-	-	1619 kg	1633 kg	1647 kg	1670 kg
... with HC 28m	-	-	-	1634 kg	1648 kg	1662 kg	1675 kg
... with HC 30m	-	-	-	1647 kg	1661 kg	1675 kg	1898 kg
3. Measurements							
Width (total machine incl. boom)	HOSA = 2.35 m / HC = 2.50 m			HOSA + HC 18-30 = 2.50 m			
Height (total machine incl. boom)	HOSA 12 = 2.56 m / HOSA 15 = 2.85 m / HC = 3.30 m			HOSA = 2.85 m - HC = 3.30 m			
Length (total machine incl. boom)	HOSA = 1.36 m / HC 18 m = 1.45 m / HC 20-21 = 1.65 m			HOSA + HC 18 m = 1.45 m / HC 20-24 m = 1.65 m / HC 27-30 m = 2.10 m			
4. Pumps							
Piston-diaphragm pumps (l/min)	100, 150, 200			150, 200, 260			
5. Electronics							
5.1 Remote Control							
EC 5-section 3-way-valves, for pre-selection hydr. (incl. EC control box)	▲ ¹ not for HC			▲ ¹ not for HC			
5.2 Basic Spray Computer							
FMC 5-section 2-way-valves, for pre-selection hydraulics (incl. FMC control box)	▲ ²			▲ ²			
FMC 7-section 2-way-valves, for pre-selection hydraulics (incl. FMC control box)	▲ ³			▲ ³			
FMC 9-section 2-way-valves, for pre-selection hydraulics (incl. FMC control box)	▲ ⁴			▲ ⁴			
FMC 5-section 2-way-valves, for oilcircuit hydraulics (incl. FMC control box)	▲ ⁵			▲ ⁵			
FMC 7-section 2-way-valves, for oilcircuit hydraulics (incl. FMC control box)	▲ ⁶			▲ ⁶			
FMC 9-section 2-way-valves, for oilcircuit hydraulics (incl. FMC control box)	▲ ⁷			▲ ⁷			

▲1 -▲.... = one of these choices must be selected ▲ = must be selected ● = option, free to select

Model	iXter A	iXter B
5.3 ISOBUS Electronics		
FMA 5-section 2-way-valves, for oilcircuit hydraulics ISOBUS (excl. control box)	-	▲ ⁸
FMA 7-section 2-way-valves, for oilcircuit hydraulics ISOBUS (excl. control box)	-	▲ ⁹
FMA 9-section 2-way-valves, for oilcircuit hydraulics ISOBUS (excl. control box)	-	▲ ¹⁰
5.3.1 Controls for ISOBUS Electronics		
IsoMatch Tellus GO or IsoMatch Tellus PRO	-	●
Switchbox	-	▲ ¹
IsoMatch Grip	-	▲ ²
6. Other Basics		
Chemical inductor	▲	▲
PTO shaft 6-splines	▲	▲
Frame stand, clean water tank, hand wash tank, manometer, mechanical level indicator, tank inside cleaner, drain	Standard	Standard
7. Options (Factory Fitted)		
Electrical level indicator	-	● only FMC/FMA electronics
iXclean Comfort (incl. electrical level indicator)	-	● only FMC/FMA electronics
iXclean Pro (incl. electrical level indicator)	-	● only FMA electronics
Boom Guide Comfort or Pro (only possible in combination with ISOBUS terminal, IsoMatch Tellus GO or PRO)	-	● only FMA electronics
iXflow-E recirculation system	-	● only FMA electronics
8. Accessories (Also Loose Available)		
Turbo agitation (high pressure agitator)	-	●
Protection curtain	●	●
Hydrant filling connection 2"	●	●
GEKA filling adapter 1" for hydrant filling	●	-
Filling hose 8m 1,5" (for sucking from external)	●	●
Camlock adapter 1,5"	●	-
Non return valve 1,5" or 2" for filling hose	●	●
Float for filling hose	●	●
Clean water tank filling connection 1" at Easy Set valve panel	-	●
Outside cleaner	●	●
Urea sieve	●	●
Pump out connection	●	●
Parking frame	●	●
Battery cable 3 pin (only for EC/FMC, if no power connector at tractor)	●	●
Starguide IV	●	●
LED boom lights	●	●
CAN extension cable 6m (only for FMC)	-	●
Second quick hitch	-	●

Model	iXter A		iXter B		
	HOSA	HC	HOSA	HC	HC
Spray Booms					
1. Basic Boom Functionality					
Working width (maximum)	12 / 15 m	18 / 20 / 21 m	15 m	18 / 20 / 21	24 / 27 / 28 / 30 m
Material	Aluminium	Steel	Aluminium	Steel	Steel
Transport position	Vertical		Vertical		
Folding drive	Hydraulically		Hydraulically		
2. Spray Sections					
Standard	5 / 5	5 / 7 / 7	5	5 / 7 / 7	7 / 9 / 9 / 9
Alternative 1 (two sections more than standard)	7 / 7	7 / 9 / 9	7	7 / 9 / 9	9 / - / - / -
Alternative 2 (two sections less than standard)	- / -	- / 5 / 5	-	- / 5 / 5	- / 7 / 7 / 7
3. Spray Jets					
Monojets		▲ ¹	▲ ¹		▲ ¹
Trijets		▲ ²	▲ ²		▲ ²
Pentajets	-	▲ ³	-		▲ ³
4. Accessories (Also Loose Available)					
Electrical or manual border nozzle		●		●	
Electrical or manual verge nozzle		●		●	
Kverneland iXtra Front Tank					
1. Front Tank Models					
			iXtra 1100 Comfort		iXtra 1100 Pro
Nominal tank capacity (l)			1100		1100
Maximum tank capacity (l)			1300		1300
Clean water tank capacity (l)			2x65		2x65
Empty weight			221 kg		223 kg
Front linkage			Cat II		
12V electrical pump capacity (l/min)			25 (for cleaning & agitation)		
Automatic agitation stop			Standard		
2 rotating cleaning nozzles			Standard		
2 injector nozzles for agitation			Standard		
Autonomous suction filter			Standard		
Level indicator			Mechanical		Electrical
Control panel			Manual		Electrical (ISOBUS)
2. Accessories (Also Loose Available)					
Traffic lights			●		●
Transport rollers			●		●
Deflector decals			●		●
IsoMatch Eye (camera)			-		●
3. Compatibility on iXter B with Adaptation Set					
FMC			●		●
FMA-ISO (IsoMatch Tellus GO or Tellus PRO)			●		●
iXclean Comfort			●		●
iXclean Pro			-		●

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