Kverneland



IXTRACK T3/T4/T6

TRAILED FIELD SPRAYERS

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.

iM FARMING

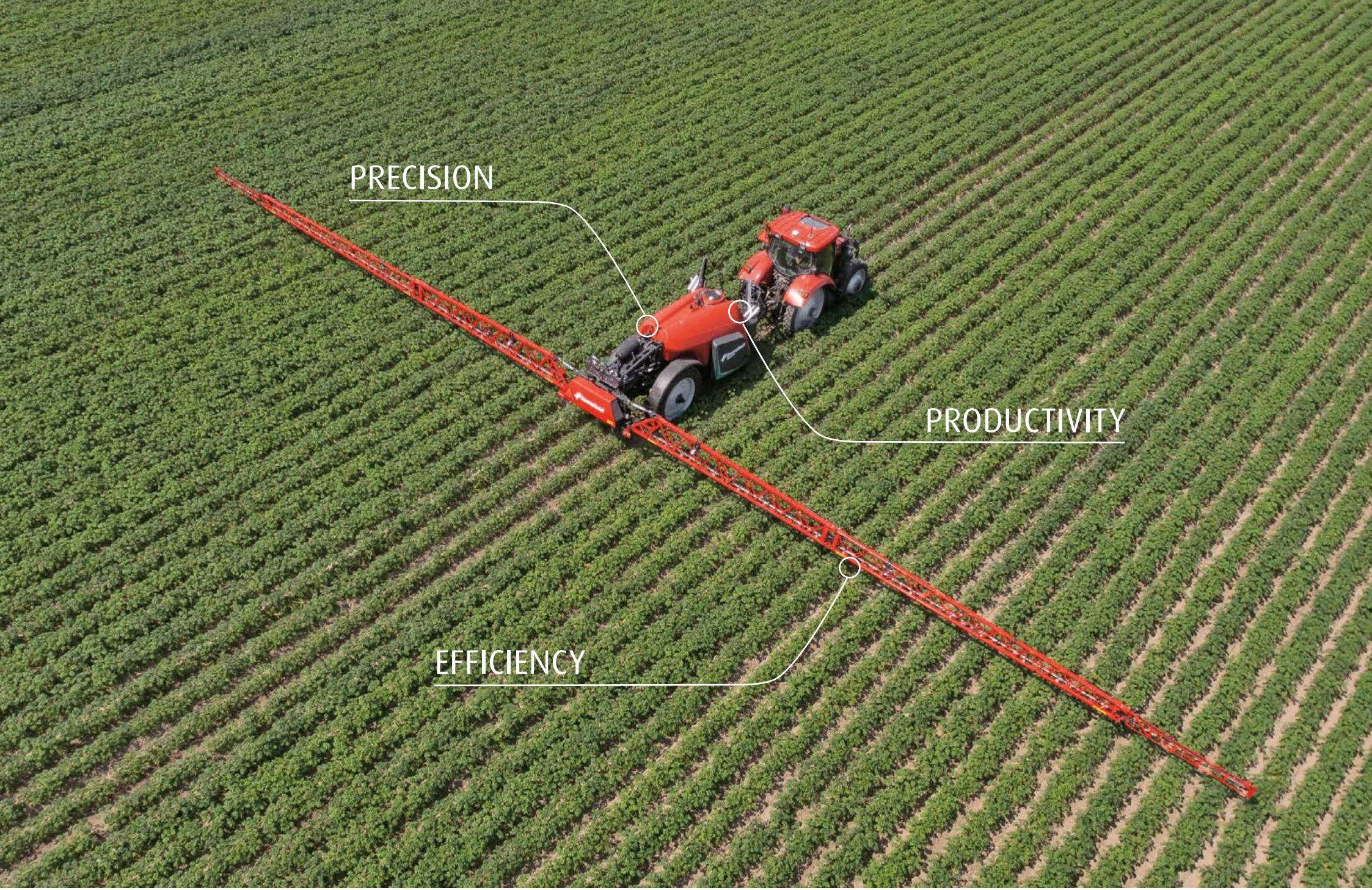
The iM FARMING logo appears when the implement can be connected to our smart farming systems and accessories, essential for managing your business.





SPRAY

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


PRECISION
PRODUCTIVITY
EFFICIENCY



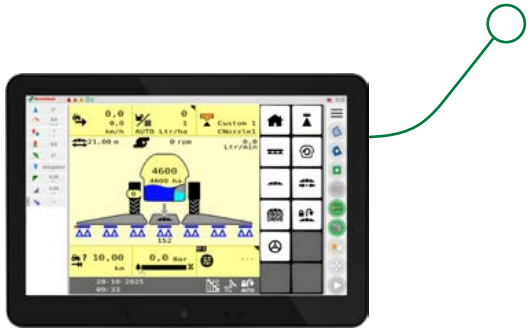
PRECISE, EASY AND COST EFFECTIVE SPRAYING
EVERY CROP DESERVES THE BEST CARE

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.

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

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.




Kverneland
iXtrack T4



PRECISION AND COMFORT
TO GROW THE BEST CROPS

Ease of Use
The iXtrack T trailed sprayer range is developed in cooperation with farmers and designed for precise, easy and cost effective spraying.

Precision Spraying
The iXtrack T range is equipped with a smooth, suspended parallelogram for an optimal boom performance, in spraying position, securing a correct crop coverage. Precise application with accurate pressure on every nozzle.

Stability
Stay save during work and transport. The iXtrack T has a low centre of gravity in combination with compact dimensions, means maximal stability of the sprayer.

Intelligent Electronics
Simple control to boost your performance. The iXspray hardware and software with intuitive touch interface guarantees user friendly operation of the complete iXtrack sprayer range.

Liquid Management
Optimal crop protection with environmental focus. The iXtrack T is providing value from every drop of spray liquid, because every crop deserves the best care.

Connectivity
Always directly connected to the iXtrack T sprayer with Kverneland FarmCentre and ServiceCentre creating multiple opportunities for you. The Kverneland Sync implement gateway enables easier task management, remote diagnostics and profitability.

THE KVERNELAND IXTRACK T SOLUTIONS
EVERY DROPLET IN THE CORRECT PLACE

The Kverneland iXtrack T trailed sprayer range is developed in cooperation with farmers and designed with focus on a short, low and compact design in combination with intelligent electronics and ease of use. The iXtrack T sprayer fulfills the requirements of farmers spraying today and tomorrow with its compact design, different tank volumes and high technology features.

1 For an Optimal Boom Performance
The parallelogram on the iXtrack T series combines stability with balancing and limited vertical movements. The HSA aluminium or HSS steel spray boom fold away compact over the patented tank design, keeping the boom away from the tractor cab and the centre of gravity low during transport. The versatile HC spray boom offers multiple spraying possibilities and a narrow transport width due to the compact folding system.

2 Stay Safe During Work and Transport
The iXtrack T has one central frame beam which is made out of heavy duty steel which provides higher flexibility and durability. The sprayer has a very low centre of gravity and compact dimensions which are beneficial for the operator during work and transport.

3 Optimal Crop Protection
With features as iXflow-E® circulation system with individual nozzle control, iXflow-Pulse® PWM, SpotSpray, 25 cm nozzle spacing, next generation Boom Guide and different iXclean® solutions the iXtrack T series offers optimal protection of crops and the environment.

4 Suitable For Every Farmer
With the adjustable axle on the iXtrack T3/T4, the track widths are easily changed in 5 centimetre steps over the full range from 1.50 to 2.25 m. The single central frame, in combination with the special shaped parallelogram arms, create room for high tyres and allow a maximum steering angle. This ensures maximum steering possibilities with a tight turning radius, even on 1.50 m or 1.80 m track.

5 Simple Control to Boost Your Performance
The innovative iXspray hardware and software with intuitive touch interface guarantees an user friendly operation of the sprayer. With the Kverneland Grip joystick you can add fingertip control for easy control of the iXtrack T series.

6 Connect Yourself to Your Machine
Stay seamlessly linked with Kverneland's 'Always Connected' feature. Kverneland Sync ensures continuous connectivity to Kverneland online services, eliminating manual syncing and enhancing efficiency. Enjoy seamless data transfer to Kverneland FarmCentre and Kverneland ServiceCentre for streamlined operations, regardless of an ISOBUS terminal.


1
6
Sync
Kverneland
iXtrack T4
5
2
3
4

FULLY INTEGRATED CONCEPT
FOR MORE COMFORT AND EASY OPERATION

The iXtrack T series offers easy access to the valve panel, chemical inductor, storage locker, clean water tank, filters, pumps and much more!



EasySet Control Panel
The EasySet control panel makes life easy by its intuitive operation. The controls are separated in a suction and pressure side. The valves are well protected behind the door: this keeps the operational area free of dirt and chemicals.

Storage Locker
A storage locker is integrated on the left hand side behind the door allowing you to keep your safety and cleaning equipment or tools with you on the sprayer.
An additional storage locker is available (as option) for the right hand side to create even more storage place.

Easy Accessible Filters
The semi-transparant filter bowl provides direct view on the dirt degree of the suction filter without dismounting. A valve at the bottom allows emptying the filter content before removing the bowl to avoid contamination of the hands with chemicals. 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.

Turbo Agitation System

The turbo agitation system keeps the mixture homogeneous during operation and can be easily switched off in case of foam risk or nearly empty tank.

The powerful high pressure agitation with injector nozzles guarantees powerful mixing which you can activate after filling or a long break.



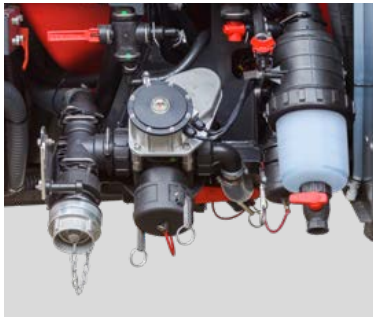
Chemical Inductor

The chemical inductor is an integrated part of the tank design. It it located next to the valve panel for easy access. Equipped with a circular rinsing system and waterproof cover, it can be rinsed safely with closed cover.
Big quantities of powder and difficult mixtures are injected without any problems within seconds!



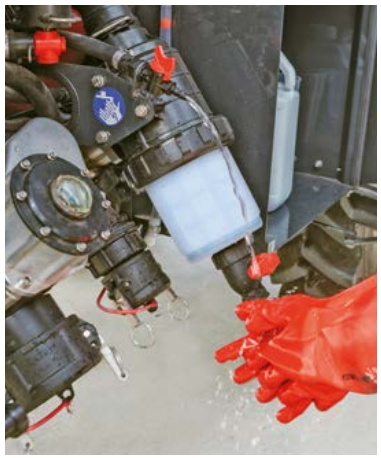
Closed Transfer System (Optional)

A Closed Transfer System (CTS) ensures a safe, quick and precise way of filling the product in the right concentration as well as integrated cleaning of housing and container. Therefore the use of a CTS limits the main risk of point source contamination into soil or surface water by limiting the risk of product leakage during filling operation. The complete product is used and the cans are completely emptied and cleaned by the CTS system, so only empty and clean cans are left for recycling.



Hydrant Filling (Optional)

A hydrant fill connection with anti return valve for direct filling under pressure is standard. Quick filling on the headland can be done safely and easily. The transport trailer pumps the liquid into the main tank. The booms can stay unfolded for quick resumption of the spraying process.



Hand Wash Tap

You can wash your hands via the hand wash tap which is centrally located on the valve panel.

Clean Water Tank

The 460 litre (iXtrack T3) or 620 litre (iXtrack T4/T6) clean water tank is equipped with a level indicator. It can be filled via the opening on the clean water tank as well as by the standard external connection on the EasySet control panel.



External Washing (Optional)

A cleaning kit with a 15 metre hose and a brush, can be connected to the pressure side of the pump. It is allowing precleaning of the sprayer in the field, using water from the clean water tank.



Filling via the Suction Hose (Optional)

External aspirated water is filtered first by the filter on the hose and then by the suction filter.
In parallel you can already use the chemical inductor to add and premix chemicals.

OPTIMAL STABILITY AND ACCURACY
FOR MAXIMUM PERFORMANCE

The iXtrack T series has a low centre of gravity and compact dimensions for higher working speeds, safe transportation and easy parking on the yard. The T series has one central frame which is made out of heavy duty steel, also known as High Strength Low Alloyed, that has higher flexibility and durability to withstand the impacts of modern farming with higher driving speeds in the field as well as on the road. The frame is riveted instead of welded for example, which leads to a very strong and robust construction.

Easy Hitching

The drawbar for the iXtrack T3 and T4 is easy to change from top to low linkage or the other way around, depending on the linkage point of the tractor. The iXtrack T6 is available in combination with a low linkage. A fixed or rotating pulling eye or a ball coupling can be added dependent on the linkage type.

Maximum Steering Possibilities

The iXtrack T series offers maximum user friendliness and comfort by having a steering axle which contributes to excellent stability in different field conditions. The track width can be changed from 1.50 m (iXtrack T3/T4) or 1.80 m (iXtrack T4 (with 5300 litre tank)/T6) to 2.25 metres. This ensures maximum steering possibilities with a tight turning radius. The mudguards follow the steering angle and offer full protection of the nozzles, also in curves. The combination of small or narrow, but high tyres is ideal in row crops to reduce soil compaction.



Low linkage



Top linkage



Smooth and Suspended

The iXtrack T series is equipped with a smooth, suspended parallogram that is active when in the field and in transport. The parallelogram combines optimal stability with soft boom balancing and limited vertical movement to minimise spray height deviations, securing correct crop coverage.

	iXtrack T3	iXtrack T4	iXtrack T6
Parallelogram suspension	●	●	●
Drawbar suspension	-	●	●
Axle suspension	-	●	●







ErgoDrive Headland Management System

ErgoDrive headland management is standard equipment for the iXtrack T series. ErgoDrive assists the operator on the headland turns. It is activated by simply switching ON or OFF and ErgoDrive controls all the necessary actions, while the operator can focus on driving safely.



HSS AND HSA SPRAY BOOMS
HIGH TECH AND HEAVY DUTY QUALITY



The HSS spray boom combines a minimum of weight with maximum strength and stability. Special hardened Domex steel gives this spray boom a long lasting heavy duty high quality reputation. The aluminium bonding instead of welding of the HSA spray boom range provides a weight saving and gives remarkable strength.

HSS Spray Boom

The HSS spray boom is designed for professional use. Its triangular construction provides perfect integration of the stainless steel spray lines, nozzles and nozzle holders and the optimal hose routing where all is well protected. Working widths from 18 up to 40 metres with a variation in different section lengths offer the sprayer adapted to customer demands! For the HSS (30-40 metres) spray boom range, a hydraulic safety break away system is part of the boom design. The hydraulic cylinder between the first and second boom part ensures that the second boom part folds away when the spray boom hits an obstacle in the field, therefore damage to the boom structure is avoided.



HSA Spray Boom

The HSA spray boom offers efficient protection of the nozzle holders within the bottom profile. This profile is designed for easy cleaning and much more. With no sharp angles, no liquid and residues can be trapped. The anodised surface protects against corrosion and scratches.

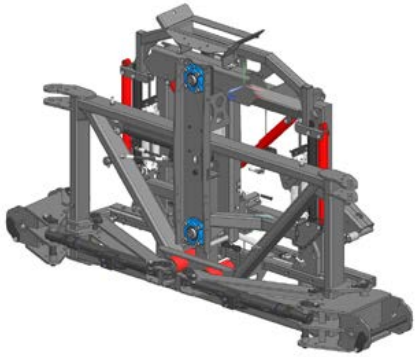






Compact and Stable

In transport position the HSA and HSS spray booms fold away nicely over the patented tank design and far away from the tractor cab. The results in a transport width of 2.55 m and a height below 4 m that together with the low gravity point provides excellent stability on the road, as well as in the field.





HC SPRAY BOOM

THE VERSATILE BOOM

The HC is a vertically folded steel spray boom. It has been designed for 100% integration of spray lines and nozzles, for light weight and maximum strength. The triangular steel construction and anti-yaw system allows high speed spraying in challenging conditions. As a result this boom is extremely strong and reliable. The parallelogram is full time suspended, during spraying, but also during transport on the road.



Multi-Functional

The HC boom is a multi-functional spray boom with the possibilities of one-side spraying and asymmetric and symmetric folding of 3, 4 or 5 boom segments which fit to variable field conditions with narrow or no headlands. It offers multiple folding options for difficult field shapes, varying conditions and obstacles in field or special crop types (vegetable farms).



Safe on the Road

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



Utmost Flexibility

The HC boom in combination with Boom Guide Pro or ProActive can offer utmost flexibility because it can create a negative angle and spray boom reduction is possible. This offers additional safety for the full working width in case of obstacles or extreme field conditions.





- Made for high speed and extreme conditions
- 3, 4 or 5 boom segments can be folded symmetrically or asymmetrically
- One-side spraying
- Full integration of nozzles
- 2.50 m transport width
- High quality components
- Full time suspended, also during transport

PERFECT BOOM GUIDANCE
EVEN AT HIGHER SPEED

Kverneland offers two different balancing systems to suit different field conditions or circumstances. For the iXtrack T4/T6 in combination with the larger HSS spray booms either a balancing system, especially for flatland conditions can be chosen. Another possibility for the complete HSS, HSA and HC spray boom range is the Kverneland Boom Guide automatic boom height control system which provides excellent guidance in many different and challenging field conditions and crops.



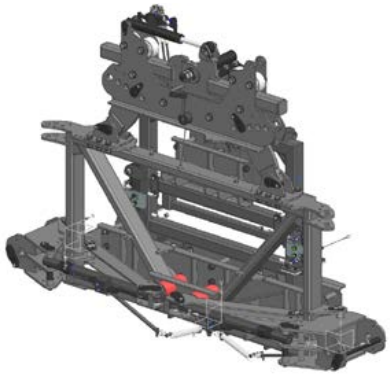


Perfect Balancing in Flatland Conditions

An especially designed balancing system for flatland conditions is available for HSS spray booms from 30-40 metres. This system does not require any electronic boom guidance in flatland areas. The advantage is a perfect boom guidance at higher speed and a total respect of the optimal nozzle distance to the crop, which results in highest efficiency of the application and reducing drift to a minimum level.

Excellent Guidance in Challenging Field Conditions and Crops

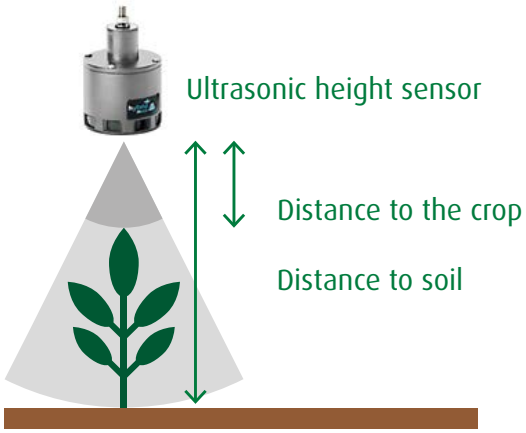
Boom Guide is an automatic boom height control system that helps the operator to maintain the chosen spraying height. Ultrasonic sensors control the sprayer's hydraulics to guide the boom. There are three different modes possible dependent on the soil or crop: soil mode, crop mode or hybrid mode. The advantage is a perfect boom guidance at higher speed and a total respect of the optimal nozzle distance to the crop, which results in high efficiency in application and reducing drift to a minimum level.



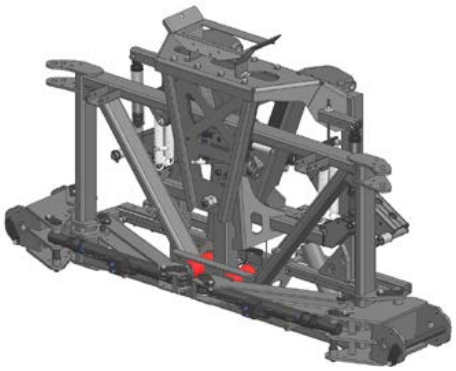
Sensor Modes

The Boom Guide system can be adapted to any field conditions, because three different sensor modes can be used:

- Soil mode: the sensors only see the bottom of the field.
  For example, a large weed has not any influence on the boom height.
  The soil remains representative.
- Crop mode: the sensors only see the crop. In a closed crop the sensors continue to automatically follow the crop.
- Hybrid mode: the sensors see the crop and the soil. The sensors follow the soil surface and the crop. When the crop is uneven, a uniform crop is virtually determined. This mode can especially be used in unclosed or uneven crops.

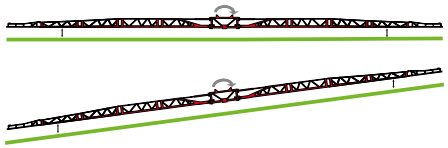


Ultrasonic sensor in Hybrid mode



Boom Guide ComfortActive

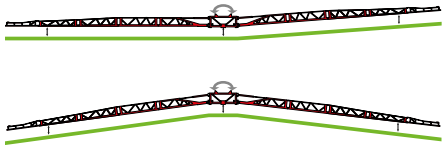
Automatic boom height control for the complete boom width. Suitable for flat and mild sloped field conditions.
Proportional steering of the central slope correction cylinder is done by two ultrasonic sensors to get the best spraying result.



Boom Guide ComfortActive

Boom Guide Pro

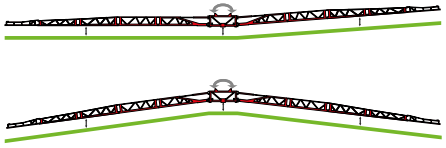
The system uses three ultrasonic sensors to control left- and right-hand boom wings independently for ultimate guidance in the most challenging field conditions.
It can deliver positive and negative lateral movement on each side of the boom to follow the contours in every condition!



Boom Guide Pro

Boom Guide ProActive (3 Sensors)

This advanced system proactively reacts on boom movement and controls both the central and independent slope correction, as well as boom lift functions to guide the boom over the crop canopy, soil surface or a combination of both modes.



Boom Guide ProActive

Boom Guide ProActive (5/3 Sensors)

Boom Guide ProActive can be equipped with 5 sensors for the full spray boom width and only be using 3 sensors when the boom is symmetrically reduced for a smaller working width.



Boom Guide ProActive 5 sensors



Boom Guide ProActive using 3 sensors for a symmetrically reduced working width

IXCLEAN®
SAFE AND EASY FILLING AND CLEANING

iXclean® Basic
ENFO® priming and rinsing is standard on all Kverneland sprayers. Before spraying starts the spray lines are filled with chemicals exactly up to the nozzle by automatic shut off. After finishing or interruption, crop protection agents are automatically flushed out of the spray lines with a minimum of clean water consumption. This ENFO® technology optimises filling and cleaning of the spray lines. Accurate application, no waste of products and saving water are the benefit for the environment.

iXclean® Plus
iXclean® Plus works with an electric pump which is connected to the clean water tank, the suction side and to tank cleaning/rinsing tank nozzles on the pressure side.
The operator can start iXclean® Plus from the tractor cab, directly in field, when spraying is finished and the main tank is empty or it can be started during spraying and rest liquid can be diluted in the main tank. ENFO® priming and rinsing is included in the iXclean® Plus functionality.

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® rinising and priming functions are carried out from the cab! Simply prime the spray lines before you start and rinse them afterwards.

iXclean® Pro
iXclean® Pro means fully automatic electric valve management. It means all functions can be controlled from the cab. Switching between filling, agitation, spraying, diluting, priming, rinsing and tank cleaning is extremely easy. In addition to auto filling, iXclean® Pro also offers a fully automatic multi-step rinsing and cleaning program with triple dilution for the entire sprayer. By 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%.



Electrical Level Indicator
The electrical level indicator provides the actual tank volume to the spraying computer, as well as via the Focus 3 display on the EasySet control panel.

	iXclean® Basic	iXclean® Basic & electric level indicator	iXclean® Plus	iXclean® Comfort	iXclean® Pro
ENFO® - Prime spray lines	●	●	●	●	●
ENFO® - Clean spray lines	●	●	●	●	●
Display tank level on terminal	-	●	-	●	●
Automatic fill stop	-	-	-	●	●
Activate ENFO® from cab	-	-	-	●	●
Activate automatic single cleaning program from cab	-	-	-	●	●
Activate automatic triple cleaning program from cab	-	-	-	-	●
Activate tank cleaning nozzle from cab	-	-	●	-	●
Diluting main tank rest liquid	-	-	●	●	●

IXSPRAY

CLEAR, INTUITIVE AND EASY

The innovative iXspray software with intuitive interface guarantees an easy and user friendly operation of the complete Kverneland sprayer range. iXspray is full of nice features to maximise the comfort of the operator, save time and avoid mistakes in a busy spraying season, like pre-sets for spray jobs and easy programmable boom configurations. The Kverneland Grip joystick adds easy control to the fingertips.

Different Levels to Work in an Easy Way

The main iXspray menu is split into different user levels to have a clear overview and maximise user friendliness.

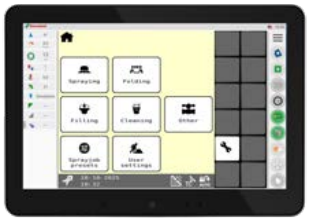
User working level	User pre-set level	Service and diagnostic level
Spraying operation (spraying, driving, steering and boom functionality)	Start your spray job quicker and minimise mistakes (20 different spray jobs to store)	Calibrations and settings
Preparation for spray job (filling, mixing, diluting and agitation)	Pre-sets for nozzles, rate and speed	Customising to spray conditions and customer needs
Finish the job (emptying, cleaning and storing)	Boom configurations for different section split and working widths	Diagnostic and warning to keep the sprayer running



AEF and ISOBUS

The iXtrack T sprayer range is ISOBUS compatible and AEF certified for guaranteed compatiblity.

AEF AGRICULTURAL INDUSTRY



- 100% ISOBUS compatible
- Intuitive touch interface
- Clear screen layout - easy to use and to understand
- Shortcuts between different screen levels
- Only a few clicks to different functions
- Intuitive and logical - suitable for every farmer
- Easy to program and to operate due to the AUX-N functionality

Kverneland Grip

- In total 44 function assignments can be mapped to the Kverneland Grip buttons
- Supports up to four work modes, each identified by a coloured LED
- Full control at your fingertips
- AUX-N certification (AEF)



SPOTSPRAY APPLICATION
SPRAY ONLY WHEN IT IS NEEDED

Variable Rate Application (VRA) has been used already for several years to adapt the application rate of a seeder, spreader or sprayer to specific areas in the field. VRA prescription maps can be created based on soil maps, pictures from a drone or satellite images. The optional SpotSpray application on every Kverneland sprayer with iXspray software is based on prescription maps with zero application rates.

Every Crop Deserves the Best Care

Based on a predefined prescription map the Kverneland sprayer shuts on and off in combination with the SpotSpray application. This is done based on the predefined sections in the control terminal and can be done in combination with iXflow-E®, but even with normal section valves on the sprayer. Only designated spots are sprayed, which is particularly helpful when targeting weed spots, thistles, wet areas, non-germinated areas and areas with soil problems.

With SpotSpray costs can be saved by reducing the spray liquid to be used and preserving healthy crops from unnecessary treatment. This also means less crop damage. Another benefit is that, based on the area of spots in the VRA map, it is easy to see exactly how much spray liquid is required in the sprayer. Capacity is also increased as more hectares or fields can be covered with one tank of spray liquid.

Kverneland FarmCentre

With Kverneland FarmCentre it is possible to create and remotely send prescription maps and spray tasks of fields, in a user-friendly way. Additionaly Variable Rate Application maps can be created with a ‘zero’ rate that gives the possibility to use the SpotSpray application in a field in a more precise and easy way.



- Increase of capacity: cover more hectares or fields with one tank fill
- Preserving healthy crops from unnecessary treatments
- Reducing the costs when applying the desired rate only at the right place
- Creating environmental benefits: only apply products where it is needed
- Reducing waste and pollution by zero applications at spots without potential

DAT ECOPATCH AI-VISION SYSTEM
PATCH SPRAYING SYSTEM

The DAT Ecopatch, the all-in-one AI-vision system indentifies weed patches and sprays Green-on-Brown and Green-on-Green in real time at the push of a button. Saving money was never as easy as this!

Only Spray where Needed

The DAT Ecopatch system uses RGB-LED sensors to identify weed patches, sending a signal to the nozzles to spray only the patch. During operation, the Ecopatch system effortlessly finds the weed spots in the field, spraying only the targeted weed-species.

The Ecopatch system has the ability to not only recognize weed from crop, but also identify individual weed species. This allows new possibilities for targeted herbicide applications by using herbicides fitting only to the weeds that are identified by the system in the field.



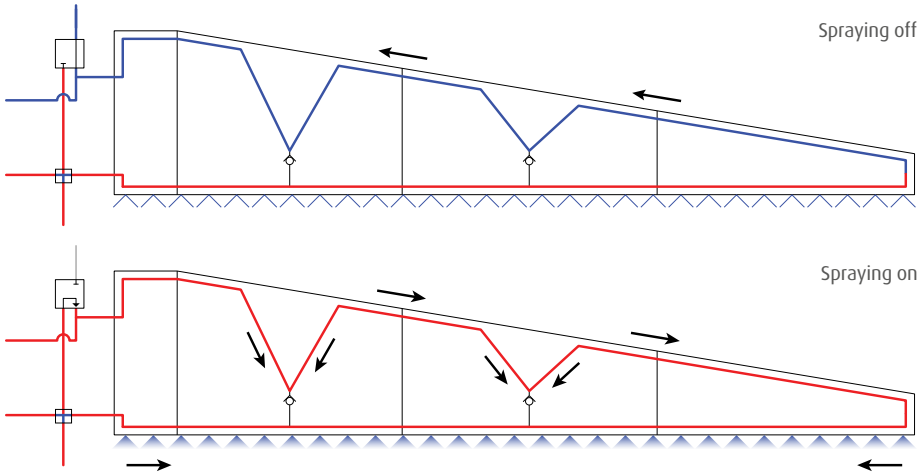


IXFLOW-E® or IXFLOW®-AIR
INCREASE QUALITY AND SAVE COSTS

iXflow-E® is the high pressure recirculation system with electric nozzle control. There is a free circulation of spray liquid with a return 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 working width is only partially used. During spraying, the spray line is fed from multiple directions supplying constant pressure to each nozzle, so the operator can immediately start spraying at the set pressure. This is unique technology which is patented by Kverneland.

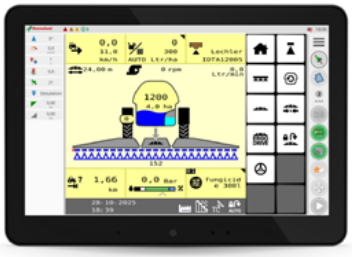
For Increased Crop Quality and Cost Savings

iXflow-E® is available on the iXtrack T sprayer range in combination with the the HSS, HSA or HC spray booms. It is easy for the operator to program the number and size of sections in order to fit best to their requirements and field situations. The combination of GEOCONTROL® and GPS allows the operator to reduce overlap and over dosing, to increase crop quality and save costs. All this is in combination with 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 system. Rest liquid is sprayed in the field automatically, resulting in a low volume of rest liquid in the sprayer and spot contamination at the farm or in the field is avoided.



Precise and Reliable

The Kverneland iXflow-E® electrical ball valve features a robust, electric and stainless steel ball valve, that is very reliable compared to solenoid or plunger valves. Without any wearing parts and the self-cleaning-effect the ball valve stands out in reliability. The ball valve temporarily utilises an extremely low amount of power and provides a high capacity flow in a compact valve design. Kverneland's electrical valves are CANbus/ISOBUS compatible for Section Control (nozzle by nozzle) or for spot spraying. iXflow® recirculation is also available as iXflow®-Air with air operated nozzles with a maximum of 15 sections. Air pressure supply can come from the air brake system.

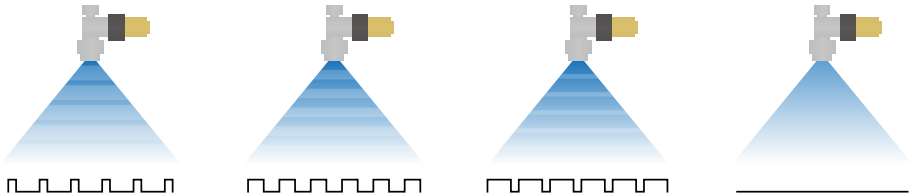


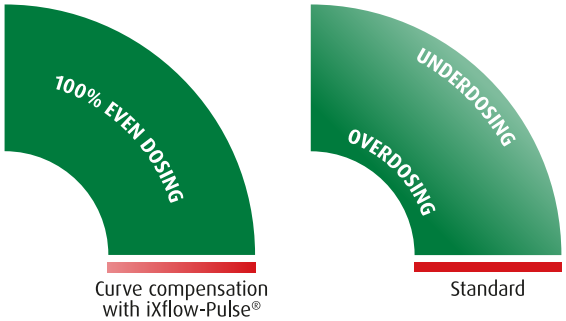
Easily shut on and off nozzles by a push of a button

IXFLOW-PULSE®

THE NEXT LEVEL IN PRECISION SPRAYING

The Kverneland iXflow-Pulse® - Pulse Width Modulation - system is available on the complete iXtrack T sprayer range in combination with the heavy duty HSS18-40 metre or HC18-30 metre spray boom range.
iXflow-Pulse® creates the most effective agronomical spraying due to an optimal balance between droplet size, crop coverage and water use, also under changing conditions of speed or application rate.





Optimal Droplet Size for Maximum Efficiency

An important factor in precision spraying is to keep a stable nozzle pressure and to find the best balance between droplet size, crop coverage and drift. This results in the optimal droplet size spectrum to reach the desired crop coverage, independent from changing speed or application rate. iXflow-Pulse® is creating a flexible and fast adjustable opening and closing time of the nozzles. When driving faster the opening time will become longer. When driving slower the opening time gets shorter, but by using iXflow-Pulse® the right droplet size will be kept.

Stable Spraying Pressure

iXflow-Pulse® takes care of a stable spraying pressure over a wide speed range during variation in application rate. For example, during speed variation at start/stop on headlands or slowing down during turning or when driving and spraying up or down the hill. During spraying in curves there is often overdosing or underdosing. With iXflow-Pulse® there is a different output from the inner to the outer boom side, dependent on the boom speed, resulting in an equal application rate in every boom segment. Another benefit is that the pressure and flow can be adjusted separately, and during operation.
One nozzle can be used for a wider range of applications, which means less changes of nozzles required, saving time and increasing efficiency. There is also the ability to use lower pressure with the same nozzle in challenging or windy conditions.

25 CENTIMETRE NOZZLE DISTANCE
IMPROVE CROP COVERAGE AND REDUCE DRIFT

The complete HSS steel spray boom range comes as standard with 50 centimetre nozzle spacing. Additional nozzle holders can be added to the spray boom to create 25 centimetre nozzle distance. The 25 cm nozzle distance is required by legislation and confirmed as a low drift technology in a limited number of countries.





Improved Crop Coverage and Drift Reduction
The 25 cm nozzle distance will improve the crop coverage and will reduce drift, as it is possible to spray closer to the target area at 30 cm spray height, by keeping an accurate distribution of spray liquid at the correct level with the correct droplet size.

Increase Spray Window
Easy switching from 50 to 25 cm nozzle distance means more flexibility during spraying and it creates more time to spray in optimal conditions. In addition, the weather has less of an effect. It is easy to change from 50 to 25 cm nozzle distance or the other way around. The 25 cm nozzle distance is an optional add on, on top of the standard 50 cm nozzle distance for all spray line systems (central sections, iXflow®-Air and iXflow-E®).

Maximum Productivity and Performance

"I have been working in the agricultural sector for about 20 years. We grow cereals and oil seeds with my partner in the region of Vidin in Bulgaria. This year we have bought a Kverneland iXtrack T4 sprayer. Our main requirement was a 36 m spray boom, because of our technology (seeding, spraying, spreading) is based on this working width.

Another important requirement was that a track width of 2.80 m should be possible. And most important, that there is section control - switching on and off of boom sections or individual nozzle control. Section Control is an incredible advantage!

The Boom Guide Pro system works very well with 5 sensors that provides constant height of the spray boom. We usually spray at a height of 50-60 cm above the crops. This system is very helpfully, especially when spraying in windy weather.

For us it is very important that the sprayer is ISOBUS compatible. We have a lot of agricultural machinery and we don't have to worry about which tractor we will connect to the sprayer. I definitely have no regrets about our choice!"

Plamen Vladimirov, Bulgaria
Farmer and contractor
Grows cereals and oil seed rape



GEOCONTROL®
BRINGS CLEAR BENEFITS

GEOCONTROL®
Realising the full potential of farming is about growing and developing your business. When there is work to be done, you need the optimal setup and solutions to work as efficiently as possible. GEOCONTROL®, an advanced precision farming application within the Tellus 700 and Tellus 1200 helps you to control all ISOBUS compatible machines. Combined with a GPS receiver it fulfills the future needs towards an easy and profitable way of working.

Section Control (SC)
The Section Control makes sure that the implement's sections will be switched on and off automatically. This avoids undesired overlap and operation outside the field border.
- Shut off sections when driving over previously covered areas
- Shut off sections when driving outside field boundary
- Shut off sections when driving backwards
- Headland control
- Manual override possibility

Variable Rate (VR)
The Variable Rate will automatically adjust the rate of your machine based on Variable Rate maps. It enables you to vary the rate of, for example, seeds, fertiliser and chemicals.
- Forward place specific rate from task to machine
- Record applied rate from machine to task

Documentation
Save all operational job data and field maps for exchange via USB to farm management information systems or the Kverneland FarmCentre telematics solution.

Manual Guidance
Advised driving direction using guidance lines in the field and on headlands.

Smart Field Boundary Recording
Independent from the working width, even without an implement connected.

Boundary Shrinking
Create inner boundaries by setting the desired width of the headland.

Clear Benefits
- Section control – control up to 48 sections and 8 rates (Tellus 700) or 255 sections and 30 rates (Tellus 1200) automatically
- Variable rate control – always use the exact amount of fertiliser, chemicals or seeds
- Manual guidance – stay within your guidance lines in the field
- Reports – with Kverneland FarmCentre you can download reports remotely



GEOCONTROL®

EASILY INTEGRATED SET-UP





Setup and full operation of a Kverneland ISOBUS implement is conveniently controlled by one single application: GEOCONTROL®

Precision implement control and tractor steering on one screen. Recording of (pre-recorded) straight or curved guidance lines can be done simultaneously with the field boundary registration. Multiple lines can be stored per field. Specific configurations and settings for a tractor – implement combination can be saved in tractor profiles, which can be recalled at any time. Reduce overlap and save up to 15% on input costs with GEOCONTROL®.

iM FARMING Calculator

How much can you save with our precision farming offering?

With a Tellus 700 or Tellus 1200 and a GPS, it is possible to accurately seed, spread and spray without any overlap. The iM FARMING Calculator calculates the cost saving by using these GPS functionalities as accurately as possible. After filling in the required data, the calculator clearly shows what you can save in terms of money.

The amount of fertiliser saved depends on the size and shape of the field and may amount to more than 15%. The iM FARMING Calculator can easily be used on a laptop, phone or tablet and you can easily download it from the Stores or find it here:
http://imcalculator.kvernelandgroup.com

ORIGINAL PARTS & SERVICE
LET'S FOCUS ON YOUR BUSINESS

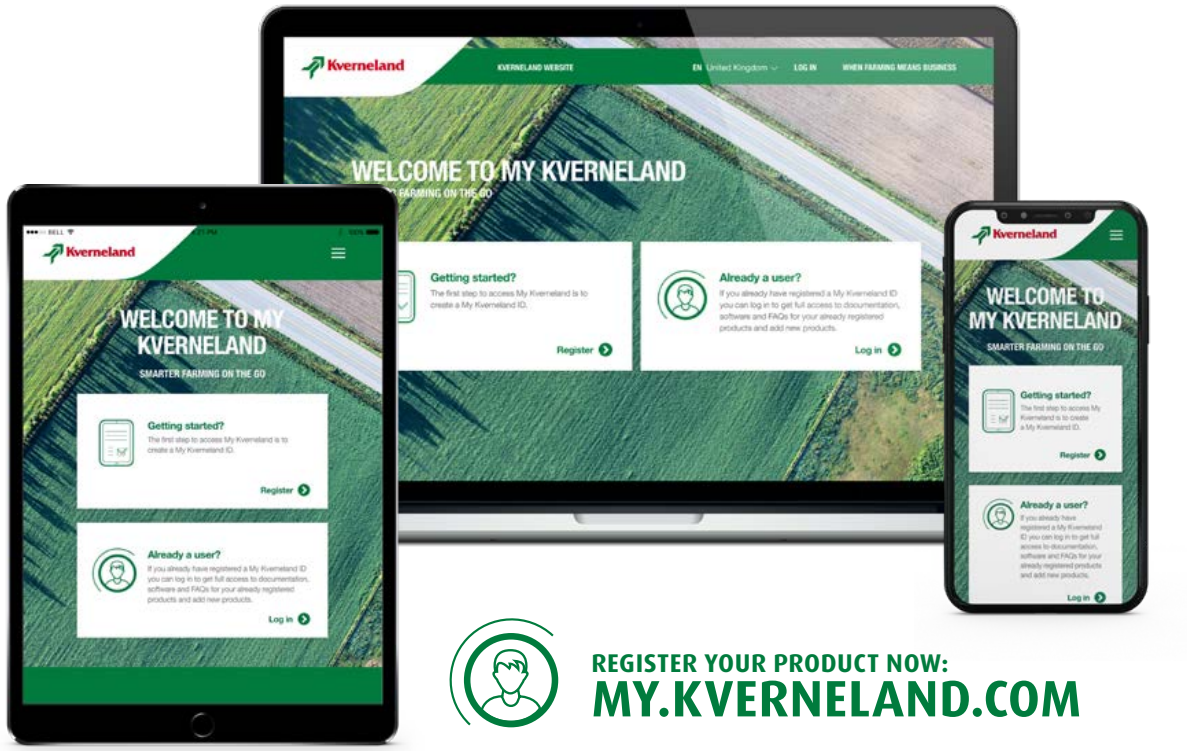


MYKVERNELAND
SMARTER FARMING ON THE GO

A personalised online platform tailored to your machine needs

With MYKVERNELAND you will benefit from easy access to Kverneland's online service tools.

Receive first hand access to information on future developments and updates, operator and spare parts manuals, FAQs and local VIP offers. All information is gathered in one place.



REGISTER YOUR PRODUCT NOW:
MY.KVERNELAND.COM

TECHNICAL DATA

Model	iXtrack T3		iXtrack T4			iXtrack T6	
1. Tank Size							
Nominal tank capacity (l)	2600	3200	3800	4500	5300	6400	7600
Maximum tank capacity (l)	2780	3400	4100	4750	5600	7000	8300
Clean water tank (l)	340	340	500	500	500	500	500
Clean water tank extension (l)	120	120	120	120	120	120	120
Hand wash tank (l)	32	32	32	32	32	32	32
Chemical inductor (l)	37	37	37	37	37	37	37
2. Empty Weight with Standard Tyres (Total Machine Incl. Boom)							
Standard tyres	300/95R52		270/95R54			380/90R46	
...with HSS 18m - HSS 24 m 2PF (kg)	3350 - 3550	3500 - 3700	-	-	-	-	-
...with HSS 18m - HSS 30 m 2PF (kg)	-	-	3750 - 4450	3800 - 4500	4000 - 4700	5050 - 5750	5200 - 5900
...with HSS 27m - HSS 30 m 3PF (kg)	3750 - 3850	3900 - 4000	-	-	-	-	-
...with HSS 27m - HSS 40 m 3PF (kg)	-	-	4150 - 5250	4200 - 5300	4400 - 5500	5450 - 6550	5600 - 6700
...with HSS 30(24) m (kg)	-	-	4975	5025	5225	6275	6425
...with HSS 36(24) m (kg)	-	-	5050	5100	5300	6350	6500
...with HSA 21m - HSA 24 m (kg)	3600 - 3650	3750 - 3800	-	-	-	-	-
...with HSA 21m - HSA 33 m (kg)	-	-	3950 - 4400	4000 - 4450	4200-4650	5300 - 5750	5450 - 5900
...with HC 18m - HC 30 m (kg)	-	-	4700 - 5100	4750 - 5150	4950 - 5350	-	-
3. Drawbar (Turnable)							
Top linkage in combination with pulling eye/ball coupling	Ø40 mm fixed / Ø80 mm ball coupling		Ø40 mm fixed / Ø80 mm ball coupling			-	
Hitch linkage in combination with pulling eye/ball coupling	Ø40 mm fixed / Ø50 mm rotating / Ø80 mm ball coupling		Ø40 mm fixed / Ø50 mm rotating / Ø80 mm ball coupling			Ø50 mm rotating / Ø80 mm ball coupling	
4. Wheel Axle							
Adjustable axle (m) (in 5 cm)	1.50 - 2.25		1.50 - 2.25		1.80 - 2.25	-	
Fixed steering axle (m)	-		-			1.80 - 2.25 by changing rims	
Adjustable steering axle (m)	1.50 - 2.25		1.50 - 2.25		1.80 - 2.25	-	
Turning radius (m) (track 1.50 m)	4.4 (340/85R48 or narrower)		5.5 (340/85R48 or narrower)			-	
Turning radius (m) (track 1.80 m)	-		-			6.30	
Turning radius (m) (track 2.25 m)	4.15		5.25			6.10	
Hydraulic brakes - single line	○		○			-	
Hydraulic emergency brakes	○		○			-	
Air brakes - dual line - EU homologation	○		○			○	
Axle suspension	-		●			●	
5. Dimensions							
Wheel base (m)	4.15		5.10			6.00	
Length (m)	6.60 - 7.10		7.55 - 8.05			8.50 - 9.05	
Width x height (m) (depending of wheels and spray boom)	2.55 x 3.20		2.55 x 3.30			2.55 x 3.50	

● = Standard equipment ○ = Option

Model	iXtrack T3	iXtrack T4	iXtrack T6
6. Pumps			
4 Piston-diaphragm pump 200 or 260 l/min	○	○	○
8 Piston-diaphragm pump 400 or 520 l/min	○	○	○
7. Precision Farming			
Tellus 700/1200, Global 3, Grip, FarmCentre	○	○	○
Kverneland Sync	●	●	●
8. Options (Factory Fitted)			
Mechanical or electrical level indicator	○	○	○
iXclean® Basic	●	●	●
iXclean® Comfort	○	○	○
iXclean® Pro automatic valve management system	○	○	○
ErgoDrive headland management system	●	●	●
Headland Curve Assist	-	○	○
Central sections	5 / 7 / 9 / 11*	5 / 7 / 9 / 11*	5 / 7 / 9 / 11*
iXflow®-Air (sections)	5-15	5-15	5-15
iXflow-Pulse® PWM system	○	○	○
iXcurve (curve compensation)	Standard for iXflow-Pulse®	Standard for iXflow-Pulse®	Standard for iXflow-Pulse®
Boom Guide ComfortActive	○	○	○
Boom Guide Pro	○	○	○
Boom Guide ProActive - 3 sensors	○	○	○
Boom Guide ProActive - 5/3 sensors	○	○	○
DAT Ecopatch camera system	○	○	○
9. Accessories (Also Loose Available)			
High pressure agitation	○	○	○
Spray gun	○	○	○
Outside cleaning set	○	○	○
Suction hose 3" (frame)	○	○	○
Non-return valve set 3" for suction hose	○	○	○
Float	○	○	○
Hydrant filling connection	○	○	○
Urea sieve	○	○	○
Pump out connection	○	○	○
LED boom lights and rotating beacon	○	○	○
Manual/Electrical border or verge nozzle	○	○	○
Sensing skids	○	○	○
25 cm nozzle distance	○	○	○
Turning mudguards (400-550-700 mm)	○	○	○



● = Standard equipment ○ = Option

*Dependent on boom model and working width

TECHNICAL DATA

Model	iXtrack T3			iXtrack T4		
	HSS 18-24 m	**HSA 21-24 m**	**HSS 27-30 m**	**HSS 18-30 m**	**HSA 21-33 m**	**HSS 27-40 m**
1. Basic Boom Functionality						
Working width (m)	18/20/21/24	21/24	27/28/30	18/20/21/24/27/28/30	21/24/27/28/30/32/33	27/28/30/32/33/34/36/38/39/40
Material	Steel	Aluminium	Steel	Steel	Aluminium	Steel
Folding principle	Two-part side folding	Two-part side folding	Three-part side folding	Two-part side folding	Two-part side folding	Three-part side folding
Symmetric folding (m)	12/12/12/12	12/12	21/21/21	12/12/12/12/15/15/15	12/12/15/15/15/17/17	21/21/21/28/28/28/28/28/28/28
Asymmetric folding (m)	15/16/16.5/18	16.5/18	24/24.5/25.5	15/16/16.5/18/21/21.5/22.5	16.5/18/21/21.5/22.5/24.5/25	24/24.5/25.5/30/30.5/31/32/33/33.5/34
Lift range - boom height (cm)	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245
Parallelogram transport suspension	●	●	●	●	●	●
2. Boom Hydraulics	**HSS 18-24m**	**HSA 21-24m**	**HSS 27-30m**	**HSS 18-30m**	**HSA 21-33m**	**HSS 27-40m**
Hydro package contains oil-circuit for: 1. Parallelogram lift 2. Symmetric boom reduction 3. Slope correction 4. Hydraulic locking	●	●	●	●	●	●
Hydro package Comfort 2: Asymmetric boom reduction will be added on top of the standard hydro package	○	○	○	○	○	○
Hydro package Comfort 3: Asymmetric boom reduction and independent slope correction will be added on top of the standard hydro package	○	○	○	○	○	○

● = Standard Equipment ○ = Option

*30 cm boom height only in combination with 25 cm nozzle distance

Model	iXtrack T4			iXtrack T6				
	HSS 30(24)m	HSS 36(24)m	HC 18-30m	HSS 27-30m	HSA 24-33m	HSS 27-40m	HSS 30(24)m	HSS 36(24)m
1. Basic Boom Functionality								
Working width (m)	30/24	36/24	18/20/21/24/27/28/30	27/28/30	24/27/28/30/32/33	27/28/30/32/33/34/36/38/39/40	30/24	36/24
Material	Steel	Steel	Steel	Steel	Aluminium	Steel	Steel	Steel
Folding principle	Three-part-side folding	Three-part-side folding	Vertical folding	Two-part-side folding	Two-part-side folding	Three-part-side folding	Three-part-side folding	Three-part-side folding
Symmetric folding (m)	24	24	Flexible per boom section	15/15/15	12/15/15/15/17/17	21/21/21/28/28/28/28/28/28/28	24	24
Asymmetric folding (m)	27	30	Flexible per boom section	21/21.5/22.5	18/21/21.5/22.5/24.5/25	24/24.5/25.5/30/30.5/31/32/33/33.5/34	27	30
Lift range - boom height (cm)	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245	(30)* 45-245
Parallelogram transport suspension	●	●	●	●	●	●	●	●
2. Boom Hydraulics	**HSS 18-24m**	**HSA 21-24m**	**HSS 27-30m**	**HSS 18-30m**	**HSA 21-33m**	**HSS 27-40m**	**HSS 30(24)m**	**HSS 36(24)m**
Hydro package contains oil-circuit for: 1. Parallelogram lift 2. Symmetric boom reduction 3. Slope correction 4. Hydraulic locking	●	●	●	●	●	●	●	●
Hydro package Comfort 2: Asymmetric boom reduction will be added on top of the standard hydro package	○	○	○	○	○	○	○	○
Hydro package Comfort 3: Asymmetric boom reduction and independent slope correction will be added on top of the standard hydro package	○	○	○	○	○	○	○	○
Hydro package HC: contains oil-circuit for: 1. Parallelogram lift 2. Symmetric and asymmetric boom 3. Slope correction 4. Hydraulic locking	●	●	●	●	●	●	●	●
Hydro package Comfort 3 HC: Independent slope correction will be added on top of the standard hydro package	○	○	○	○	○	○	○	○

● = Standard Equipment ○ = Option

*30 cm boom height only in combination with 25 cm nozzle distance

Information provided in this brochure is made for general information purposes only and for worldwide circulation. Inaccuracies, errors or omissions may occur and the information may thus not constitute basis for any legal claim against Kverneland Group. Availability of models, specifications and optional equipment may differ from country to country. Please consult your local dealer. Kverneland Group reserves the right at any time to make changes to the design or specifications shown or described, to add or remove features, without any notice or obligations. Safety devices may have been removed from the machines for illustration purposes only, in order to better present functions of the machines. To avoid risk of injury, safety devices must never be removed. If removal of safety devices is necessary, e.g. for maintenance purposes, please contact proper assistance or supervision of a technical assistant. © Kverneland Group Nieuw-Vennep BV

REGISTER YOUR PRODUCT NOW:
MY.KVERNELAND.COM

WHEN FARMING MEANS BUSINESS

kverneland.com