



IXDRIVE S6

SELF-PROPELLED 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.



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.

SMART FARMING

CONVENTIONAL AND CONSERVATION TILLAGE

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							
	> 30%							
extensive		Vertical Tillage shallow tillage						

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

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.

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

CONNECTIVITY

STABILITY

EASE OF USE

INTELLIGENT
ELECTRONICS

PRECISION

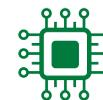


OPTIMISE PRECISION AND COMFORT TO GROW THE BEST CROPS



Ease of Use

Growers would like to apply spray liquid at the right time at the right place. That's why they need a reliable machine to be able to do this job.



Intelligent Electronics

Simple control to boost your performance. The iXspray hardware and software with intuitive touch interface guarantees user friendly operation of the iXdrive S6.



Precision Spraying

The iXdrive S6 is equipped with a smooth, suspended parallelogram for an optimal boom performance. Spray liquid circulation ensures correct and equal pressure on every nozzle, any time.



Liquid Management

Optimal crop protection with environmental focus. The iXdrive provides value from every drop of spray liquid, because every crop deserves the best care.



Stability

Stay safe during work and transport. The iXdrive has a low centre of gravity due to the tank position being low in the frame and compact dimensions which are beneficial for higher working speeds and safe transport.



Connectivity

Always directly connected to the iXdrive S6 with IsoMatch FarmCentre and IsoMatch TopService creating multiple opportunities for you.

*iXdrive S6 -
Every Crop Deserves the Best Care*

SPRAYING

THE KVERNELAND SOLUTIONS

EVERY DROPLET IN THE CORRECT PLACE

The Kverneland iXdrive S6 series consists of the iXdrive HP as a basic model and the iXdrive HP ECODRIVE as the top model, including features like a Power Stage V engine, iXflow-E® individual nozzle control. Kverneland is offering a sprayer range which fits to both arable farmers and contractors. Quality, productivity and performance - the iXdrive S6 has it all!

- 1 For Optimal Boom Performance**

The parallelogram on the iXdrive S6 series combines stability with balancing and limited vertical movements to minimise spray height deviations. The HSA (24-30 m) aluminium or HSS (24-40 m) steel spray booms fold away compactly over the main tank. The Boom Guide system ensures a perfect spraying pattern for high precision spraying.
- 2 Stay Safe During Work and Transport**

The iXdrive has a low centre of gravity due to the tank position. The iXdrive is available with three different ground clearance and track width combinations. The hydro pneumatic suspension on both axles provides operator comfort and boom stability in transport and field operation.
- 3 Optimal Crop Protection**

The position of the tanks, hoses, valves and drains is optimised to minimise rest liquid. The iXdrive S6 is equipped as standard with iXclean® Pro valve management and iXflow-E® circulation system with individual nozzle control. Spraying the right amount, in the right place, at the right time.
- 4 Suitable For Every Farmer**

The premium cab is equipped as standard with automatic climate control, active suspended leather seat and Level 4 overpressure. The EasySet control panel offers a clean and convenient workspace with all needed components directly at hand.
- 5 Simple Control to Boost Your Performance**

The innovative iXspray hardware and software with intuitive touch interface guarantees user friendly operation. With the IsoMatch Grip joystick you can add fingertip control for easy control of the iXdrive S6.
- 6 Connect Yourself to Your Machine**

IsoMatch FarmCentre is applicable for Kverneland ISOBUS machines in combination with an IsoMatch Tellus PRO control terminal. Whether you wish to control your fleet, manage tasks remotely or analyse machine performance data, IsoMatch FarmCentre provides this in a simple web application, linking implements, tractors and terminals in one continuous flow of data and connectivity.



IXDRIVE S6

DESIGN AND COMFORT

The ixdrive S6 self-propelled sprayer is designed with big focus on operator comfort and ease of use in combination with reliability and environmental protection. The ixdrive S6 is an 'all in one sprayer' offering ergonomics, reliability and comfort.

Space and Comfort

The premium cab is spacious and equipped as standard with all the comfort an operator wants for a long day of spraying. The automatic climate control, active suspended leather seat and Level 4 overpressure cab with carbon filtering all add to the operator comfort. Due to the low position of the cab on the frame the ixdrive has a low centre of gravity and optimal view on the crop or the road at the same time. The mirrors can electrically be adjusted to the most convenient position for the operator. The hydraulic foldable stairs gives easy access to the cab and maximum clearance for the crop. For an optimal view on the crop and the spray boom, even for spraying during night. The cab can be equipped with LED working lights as an option.

Driving and Comfort

Comfort for the operator is also added by the automatic camera for driving backwards. Immediately when reversing, the rear camera switches to the backside and is displayed on the dashboard. It is very comfortable on the road, as well as in the field or during manoeuvring in the storage place. A camera on the front wheels is available as an option.

Spraying and Comfort

The spraying technology is easy to operate from the cab, as the ixdrive is equipped as standard with the IsoMatch Tellus PRO universal terminal with IsoMatch Grip joystick for easy, simple fingertip control. Other iM FARMING features can be added based on operator requirements for smart, easy and efficient spraying!





IsoMatch FarmCentre is a fleet management solution and gives the iXdrive S6 an online connection to the internet, creating multiple opportunities for the operator and manager.

- Always connected
- Wireless transfer of task data
- Documentation
- Service support

FULLY INTEGRATED CONCEPT FOR MORE COMFORT AND EASY OPERATION

The iXdrive S6 series offers easy access to the valve panel, chemical inductor, clean water tank, filters, pump and much more! Kverneland makes spraying easy and efficient.



EasySet Control Panel

The EasySet control panel makes life easy by its intuitive operation. All functions are grouped together and it is well protected behind a cover and a bottomflap; this keeps the operational area free of dirt and chemicals.

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.



Chemical Inductor

The chemical inductor is hydraulically operated and an integrated part of the design. It is located next to the main tank outlet and very close to the valve panel for easy access and short hose connections to reduce rest liquid to a minimum. To work easily and safely the chemical inductor is equipped with 3 separate valves for the different functionalities. Big quantities of powder and difficult mixtures are injected without any problems or risk of foam within seconds!

Easily Accessible Filters

The transparent filter bowl provides direct view on the dirt degree of the suction filter without dismounting. A valve at the bottom allows the filter content to be emptied 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.

Clean Water Tank

The 520 litre 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.

Hydrant Filling

A 2" hydrant fill connection with anti return valve for direct filling under pressure is standard. The 3" hydrant connection at the front side of the cab is available as an option. 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.



Filling via the Suction Hose

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 powders and liquid.

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. It is located at the parallelogram at the rear of the machine.

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 nozzles guarantee powerful mixing which you can activate after filling or a long break.

Easy Service and Maintenance

The easily accessible 520 l/min piston membrane pump is located at the right hand side of the machine directly at the main outlet of the tank, to ensure short hoses with low rest liquid. The pump can easily be slid out to the unique service position, or even totally be taken out for service and maintenance.



HIGH PERFORMANCE AND MAXIMUM PRODUCTIVITY

The iXdrive S6 series is equipped as standard with a High Performance (HP) drive line. The sophisticated hydraulic setup results in a more efficient use of the available power. The HP ECODRIVE model is the top level offering automatic engine RPM which means maximum control.

HP Model

The standard HP model has a 250hp diesel engine and a hydraulic drive line set up for maximum and efficient use of the available power. The hydraulic system provides a step-less speed variation reducing engine RPM when possible resulting in optimal efficiency and comfort. The engine is a JD 6 cylinder 250hp single turbo with European Stage V emission as standard. The 250hp Tier 2 and 300hp Stage V engines are available as options.

HP ECODRIVE Model

The HP ECODRIVE model is the top level drive line with a high volume twin hydraulic pump setup and a standard 300hp stage V engine resulting in a super comfortable 1350 engine RPM at 40km/h road transport. With ECODRIVE the engine RPM will automatically decrease when possible and increase when necessary. This obvious fuel saving results in maximum cost efficiency and ultimate comfort for the driver.

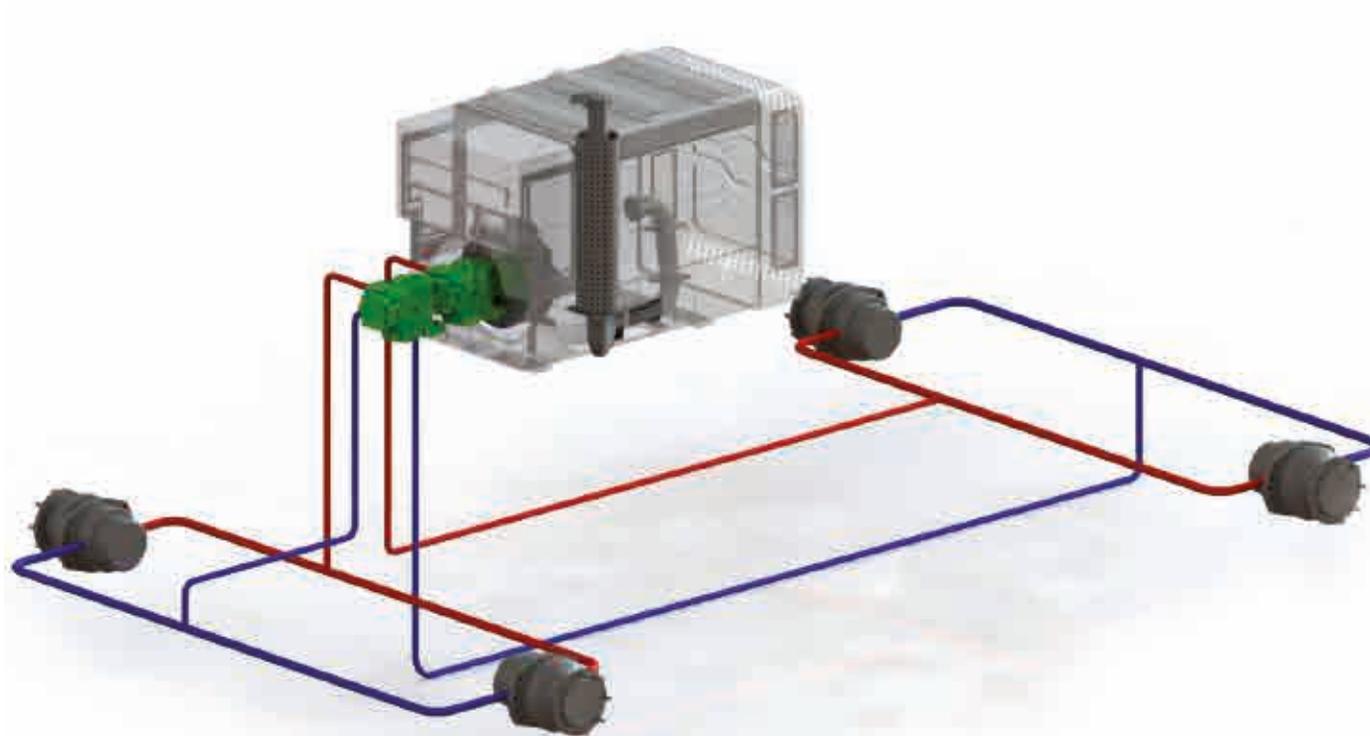


Engine Compartment

The central positioned engine is covered by a stable hood which has a large opening for easy access. The left platform is fully cleared for easy access to the main tank and engine.

Easy Operation

The HP model is always operated by the manual joystick. This intuitive operation makes the driver comfortable very quickly during field operation as well as during road transport. The brakes are activated by the brake pedal. The HP ECODRIVE model has a similar field operation as the HP model. During road transport the manual joystick only selects the driving direction. The driving pedal determines the speed and acceleration, whereas the brake pedal is operated when slowing down. The benefit is a very relaxed road transport operation, like a car with automatic gearbox or even better a continuously variable gearbox.



Continuous 4-wheel Drive

The iXdrive has a smart hydraulic layout which guarantees a permanent 4-wheel drive. The hydraulic drive line is fed by 2 hydraulic pumps: one for the front axle and one for the rear axle. The oil flow for one axle can not go to one wheel only, resulting in a permanent traction on all 4 wheels. This is standard equipment and is always activated. It is simpler for the driver because it is not possible to forget to activate the 4-wheel drive and therefore not possible to accidentally get stuck.

Reliable Wheel Motors

The HP wheel motors are optimised on all levels. Most importantly the motors can supply higher power especially at low speed. They still consume less power, which is even more reduced at higher speeds. This efficiency saves fuel and is also more efficient with the available power. In combination with the ECODRIVE technology the user experiences a step-less speed variation providing power when it is needed and reducing engine RPM's when possible.

Integrated Brakes

The active brakes are integrated in the wheel motors. For the HP model, the front axle is equipped with active brakes. The HP ECODRIVE model has integrated brakes on all 4 wheels.

STABILITY AND PRECISION

SAFE DURING WORK AND TRANSPORT

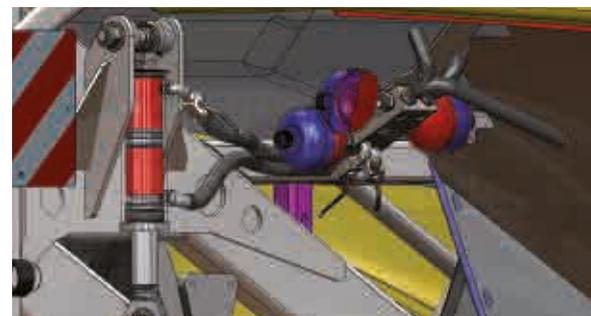
The iXdrive S6 has a low centre of gravity due to the integrated main tank and compact dimensions which are beneficial for higher working speeds and safe transport. To suit farmers' requirements the iXdrive S6 is equipped with three modes of steering and different ground clearance and track width combinations.

Heavy Duty, Smooth Suspension

The hydro pneumatic suspensions damps movement in both directions on both axles, providing maximum operator comfort and boom stability in transport, especially in curves and field operation. The 3D rear axle suspension allows axle movement, but limits the track influence on the spray boom.

Maximum Steering Possibilities

Maneuverability is guaranteed with 2-wheel/4-wheel and crab steering modes as well as ErgoDrive headland management as standard. The different steering modes are controlled by the IsoMatch Tellus PRO terminal and IsoMatch Grip joystick from the cab.



2-wheel steering



4-wheel steering

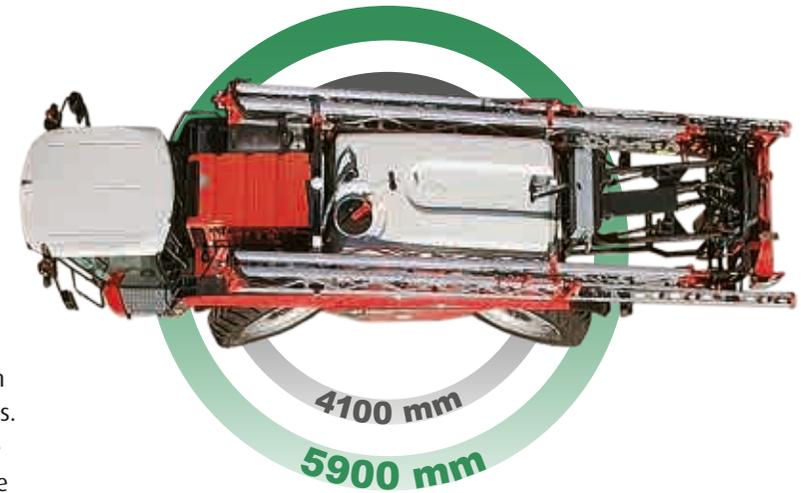


Crab steering



Perfect Weight Balance

The strong and robust chassis with an optimal gravity point brings a perfect 50%-50% weight balance in every situation, without any influence from tank filling or spray boom position.



Adjustable Track Width

For optimal use, also in high crops, the ixdrive is available with three different ground clearance and track width combinations. The hydraulic adjustable track width ensures optimal row spacing possibilities in different crops. Changing track width with double hydraulic support and remote control is quick and easy, even in the middle of a busy spraying season. Automatic track width adjustment is available as an option. The track width can be automatically adjusted from the cab. Front and rear axle are operated individually from each other.

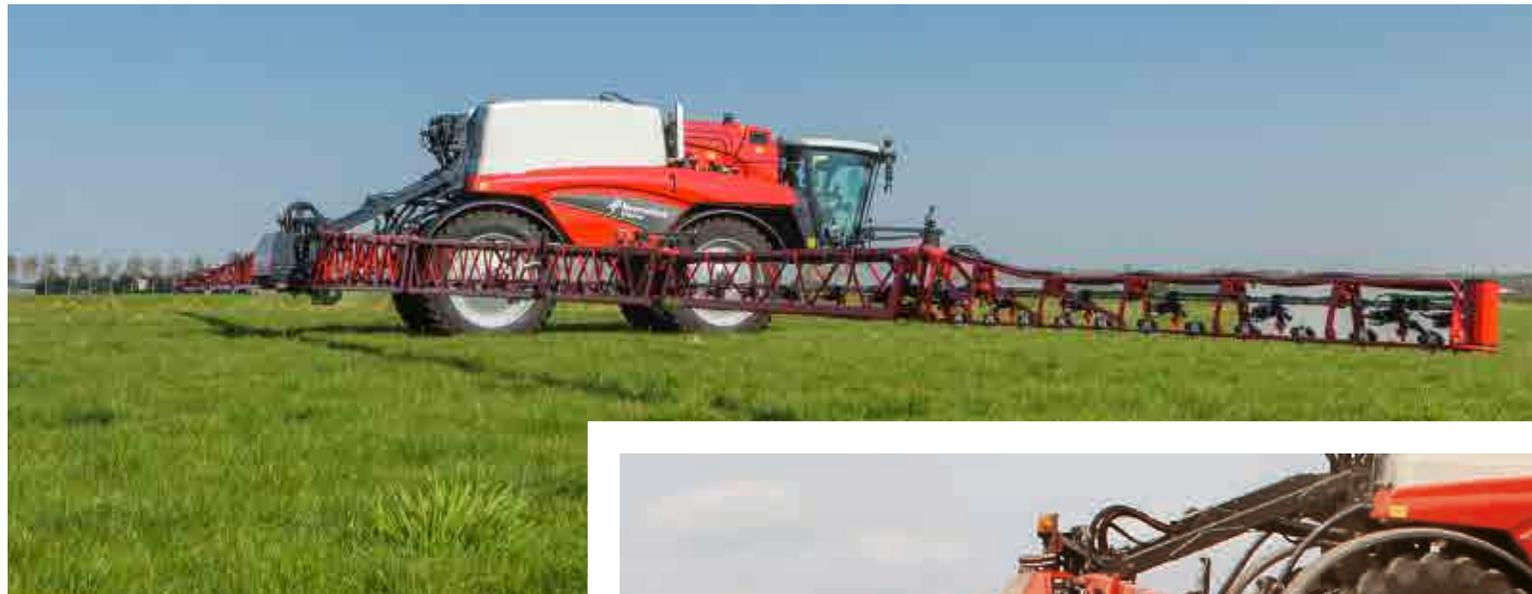


*Track width in combination with standard tyres

HSS AND HSA SPRAY BOOMS

HIGH TECH AND HEAVY DUTY QUALITY

The HSS spray boom combines minimum 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 weight saving and has 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 24 up to 40 metres with a variation in different section lengths means the sprayer can be adapted to customer requirements! The safety break away device on the HSS32-40 metre spray boom range ensures that the second boom part folds away when you hit an obstacle, so damage to the complete spray boom is avoided. With accessories like sensing skids or a tip end protection the HSS spray boom can be build up as complete as you want.



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. Aluminium bonding provides weight savings and gives remarkable strength. This aerospace technology has consistently proven itself in the field over the past years.



Compact and Stable

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



Easy boom folding on the screen from the cab





Smooth and Suspended

The iXdrive is equipped with a smooth, suspended parallelogram 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.

ErgoDrive Headland Management System

ErgoDrive headland management comes as standard on the iXdrive S6. 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.





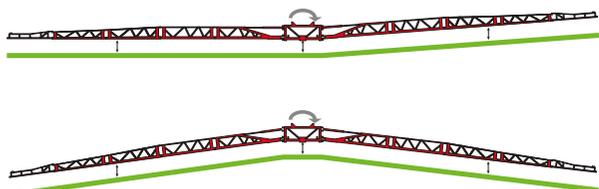
BOOM GUIDE

MAINTAIN YOUR BOOM HEIGHT!

Boom Guide ensures a perfect spraying pattern for high precision spraying. The Boom Guide sensor technology provides perfect guidance in many different and challenging field conditions, making it easier for the operator to stay focused on the spraying job.

Boom Guide Pro

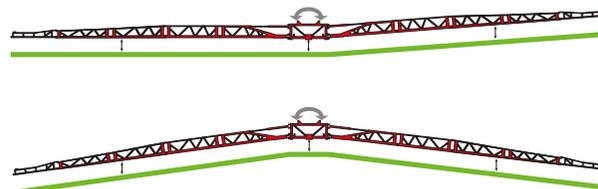
The system uses three ultrasonic sensors to control left- and right-hand boom wings independently for ultimate guidance in the most challenging field conditions. It can deliver positive and negative lateral movement on each side of the boom to follow the contours in every condition!



Boom Guide Pro

Boom Guide ProActive (3 sensors)

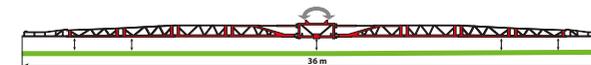
This advanced system proactively reacts on boom movement and controls both the central and independent slope correction, as well as boom lift functions to guide the boom over the crop canopy, soil surface or a combination of both modes.



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



IXSPRAY

CLEAR, INTUITIVE AND EASY

The innovative iXspray software with intuitive interface guarantees an easy and user friendly operation of the sprayer. iXspray is full of nice features to maximise the business for the operator, save time and avoid mistakes in a busy spraying season, like pre-sets for spray jobs and easy programmable boom configurations. The IsoMatch 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 iXdrive with iXspray is ISOBUS compatible and AEF certified for guaranteed compatibility.



- 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

IsoMatch Grip

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



IXFLOW-E®

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 a unique technology which is patented by Kverneland.

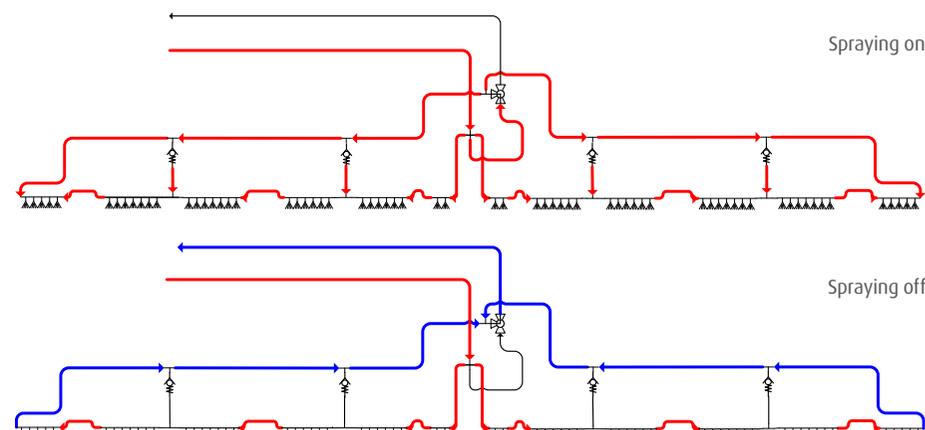
For Increased Crop Quality and Cost Savings

iXflow-E® is available on the iXdrive self-propelled sprayer range in combination with HSS or HSA spray booms. It is easy for the operator to program the number and size of sections that fit their requirements and fields 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 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 and rinsing 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.

Invest more, save a lot

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.



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

iXflowe



ISOMATCH GEOCONTROL®

BRINGS CLEAR BENEFITS

IsoMatch 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. IsoMatch GEOCONTROL®, an advanced precision farming application within the IsoMatch Tellus PRO and IsoMatch Tellus GO+, 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 IsoMatch FarmCentre telematics solution.

Manual Guidance

Advised driving direction using guidance lines in the field and on headlands. Perfect to use in combination with the IsoMatch InLine.

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.

Multiple Guidance Lines

Add a maximum of 20 guidance lines per field.

Clear Benefits

- Section control – Control up to 88 sections 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 IsoMatch FarmCentre you can download reports remotely





ISOMATCH GEOCONTROL®

EASILY INTEGRATED SET-UP

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

iM FARMING Calculator

How much can you save with our precision farming offering?

With an IsoMatch Tellus GO+ or PRO and a GPS like IsoMatch InLine, 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 spray liquid saved depends on the size and shape of the field and may amount to more than 10%.

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

ORIGINAL
PARTS

- 
- ① LONG LASTING - HIGH QUALITY SPARE PARTS
 - ② OVER 100 YEARS OF PARTS KNOWLEDGE
 - ③ SUPPORT FROM A WIDE NETWORK OF DEALERS
 - ④ 24/7 SPARE PARTS SERVICE
 - ⑤ HIGHLY SKILLED DEALER TECHNICIANS

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.

First hand access to information on future developments and updates, Operator and Spare Part manuals, FAQs and local VIP offers. All info gathered in one place.



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TECHNICAL DATA IXDRIVE S6

Model	iXdrive S6 - 4250l	iXdrive S6 - 5200l	iXdrive S6 - 6150l
1. Tank Size			
Nominal tank capacity (l)	4250	5200	6150
Maximum tank capacity (l)	4500	5500	6500
Clean water tank (l)		520	
Hand wash tank (l)		15	
Chemical inductor and fust cleaner (l)		30	
Fuel tank / AdBlue tank (l)		320 / 20	
2. Weight Distribution			
Full (open boom)		50%-50%	
Empty (open boom)		51%-49%	
3. Empty Weight with Standard Tyres (Total Machine Incl. Boom)			
Standard tyres	320/90R54 Alliance	380/90R54 Alliance	
Operational empty weight - indication (kg)	11.985 ¹	12.180 ¹	12.335 ¹
		¹ Dependent on spray boom and tyres	
4. Chassis			
Wheel base (m)		3.60	
Turning radius (m)		4.10 (5.90 external)	
Steering mode		2-wheel ² / 4-wheel ² / Crab steering	
		² Integrated ErgoDrive headland management control function	
Length x width x height (m)		10.2 x 2.55 x 3.91 ³	
		³ With 1.30m clearance, standard tyres, HSA30m	
Ground clearance (m)		1.30 / 1.50 / 1.70	1.30 / 1.50
Track width - hydraulic adjustable (m)		1.30m = 1.80-2.25 / 1.50 and 1.70m = 2.25-2.95	
Hydro pneumatic suspension		●	
5. Cab			
Cab filtering level 4 with overpressure and carbon filtering		●	
Leather active suspended seat with ventilation and heating		●	
Audio stereo USB, SD, MP3, Aux		●	
Sunblind on 4 sides		●	
Electric adjustable mirrors		●	
Camera on Tera display - rear and/or front		○	
LED working lights on cab (halogen is standard)		○	
6. Driveline			
	HP	HP ECODRIVE	
Diesel engine			
- JD 6 cylinder 6.8 l – PowerTech PVS 187 kW (250hp) Stage V	●	-	
- JD 6 cylinder 6.8 l – PowerTech PSS 224 kW (300hp) Stage V dual turbo	○	●	
- JD 6 cylinder 6.8 l – PowerTech iT2 186 kW (250hp) Stage 2	○	-	
Hydraulic pumps	Twin hydraulic pump	High volume twin hydraulic pump	
Automatic engine RPM reduction at transport modus	40 km/h @ 2100 rpm	40 km/h @ 1350 rpm	
Hydraulic brakes	On front axle	On all 4 wheels	
Poclain wheel motors	4 gear automatic	4 gear automatic	
Operation in the field	With joystick and brake pedal	With drive and brake pedal	
Operation on the road	With joystick and brake pedal	With drive and brake pedal	
Driving speed (km/h)	0-25 km/h - field mode 0-40 km/h - transport mode ⁴	0-25 km/h - field mode 0-40 km/h - transport mode ⁴	
	⁴ Dependent on tyre size and homologation		

● = Standard equipment ○ = Option

Model	iXdrive S6
7. Spray Pumps	
Pump 520 litres - Altek piston membrane	●
8. IsoMatch Products	
IsoMatch Tellus PRO	●
IsoMatch Tellus GO+	○
IsoMatch Grip	●
IsoMatch FarmCentre	●
IsoMatch Global 2	○
IsoMatch Eye	○
IsoMatch InLine	○
9. Options (Factory Fitted)	
iXclean® Pro automatic valve management system	●
iXflow-E® high pressure recirculation system with electric individual nozzle control	●
ErgoDrive headland management system	●
Boom Guide Pro	○
Boom Guide ProActive (3 sensors)	○
Boom Guide ProActive (5/3 sensors)	○
Automatic track width adjustment	○
10. Accessories (Also Loose Available)	
Pump out connection	●
Urea sieve	●
Non-return valve set for suction hose (standard in valve panel)	●
Mudguards	●
Hydrant filling connection 2"	●
Hydrant filling connection front 3"	○
Outside cleaning set	○
Suction hose 3"	○
Float	○
LED boom lights	○
Rotating beacon	○
Sensing skids	○ (Only 3 part folded booms)
Electrical border or verge nozzle	○
Tip end protection (for HSS booms)	●
Protection kit for wheels	○
Full plastic covers for wheels	○

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Spray Booms	HSS 24-30	HSS 32-40	HSS 36/24m	HSA 24/30m
1. Basic Boom Functionality				
Material	Steel	Steel	Steel	Aluminium
Folding principle	Two-part side folding	Three-part side folding	Three-part side folding	Two-part side folding
Available working width (m)	24/27/28/30	32/33/34/36/38/39/40	36/24	24/27/28/30
Symmetric folded (m)	12/15/15/15	28	24	12/15/15/15
Asymmetric folded (m)	18/21/21.5/22.5	30/30.5/31/32/33/33.5/34	30	18/21/21.5/22.5
Spray height (cm)	30-275 * dependent on tyres and parallelogram position			
2. Spray Boom Hydraulics				
	HSS 24-30	HSS 32-40	HSS 36-24	HSA 24-30
Hydraulic package Comfort 2 - oil circulation for:				
1. Parallelogram lift				
2. Symmetric folding spray boom				
3. A-symmetric folding spray boom (outer boom parts)				
4. Slope correction				
5. Hydraulic boom locking				
Hydraulic package Comfort 3 - oil circulation for:				
1. Parallelogram lift				
2. Symmetric folding spray boom				
3. A-symmetric folding spray boom (outer boom parts)				
4. Slope correction				
5. Hydraulic boom locking				
6. Independent slope correction				

● = Standard equipment ○ = Option



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