

iXter A8 - A10 - A12
HOSA - HC Spray Booms



The Power of Simplicity!



Every Crop Deserves the Best Care

Vicon Crop Care believes that technology makes a better future. We develop intelligent solutions for a better harvest and to increase crop yields, because every crop deserves the best care. Our smart solutions help farmers work in an easier and more profitable way.

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services, with a long history based on a clear vision: listen to the farmers and make their work easier.

Today Kverneland Group, part of Kubota Corporation from Japan, has production sites in Norway, Denmark, Germany, France, The Netherlands, Italy, Russia and China. The Group has sales companies in 17 countries and exports to another 60 countries worldwide.

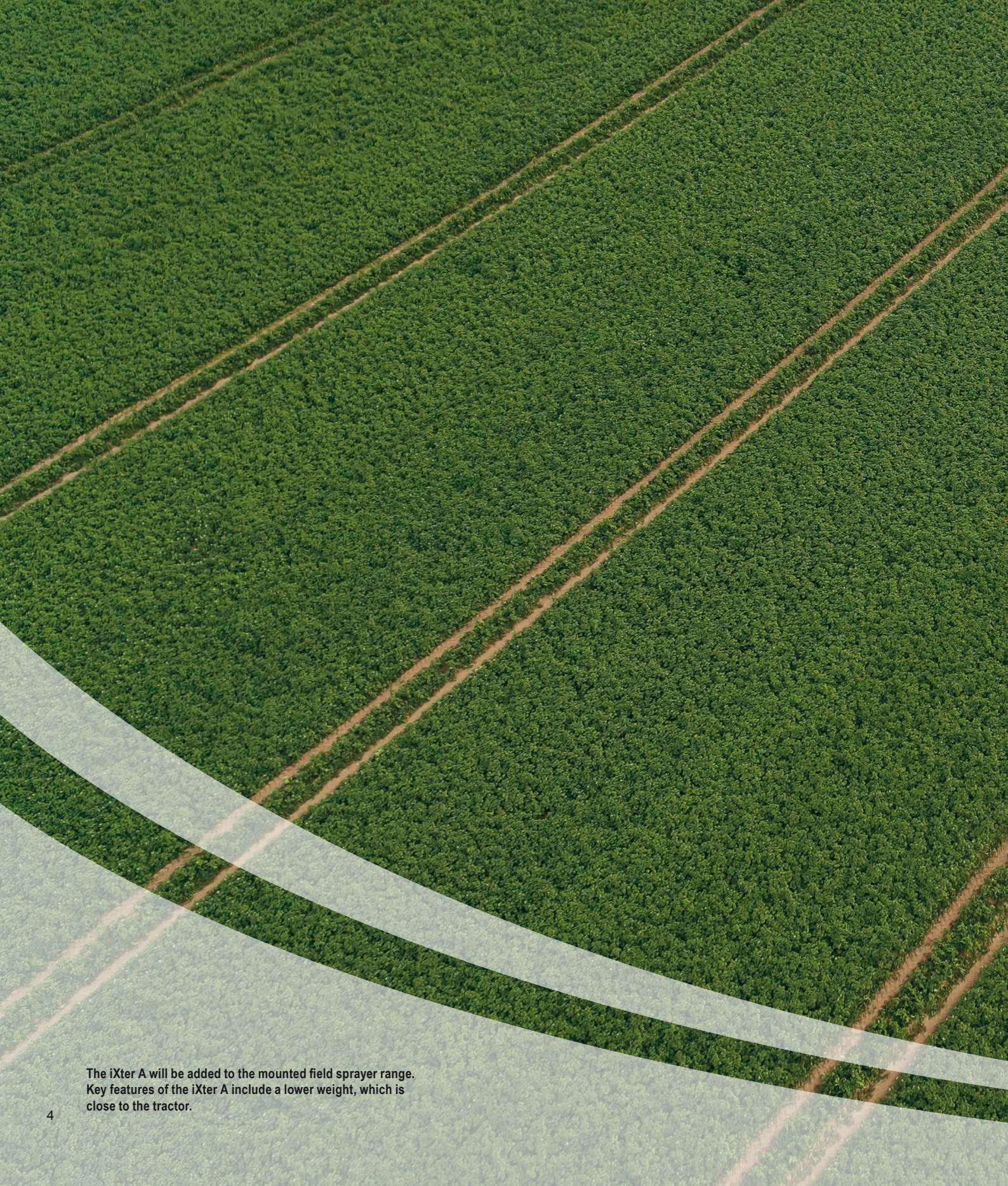


**Field sprayers for
farmers who protect their
crops with less chemicals.**

For modern farmers efficient spraying means to protect their crops against diseases, pests and weeds with as few chemicals as possible. We want enough food for the world, with a lower impact on the environment. Vicon field sprayers enable precision farming and spraying at the right moment, on the right spot.

For the farmer, higher yields, lower costs and less waste.

The Power of Simplicity!



The iXter A will be added to the mounted field sprayer range. Key features of the iXter A include a lower weight, which is close to the tractor.

Vicon iXter A



Vicon iXter A

Make Your Choice!



iXter A8 / 800 litre



iXter A10 / 1000 litre



iXter A12 / 1200 litre

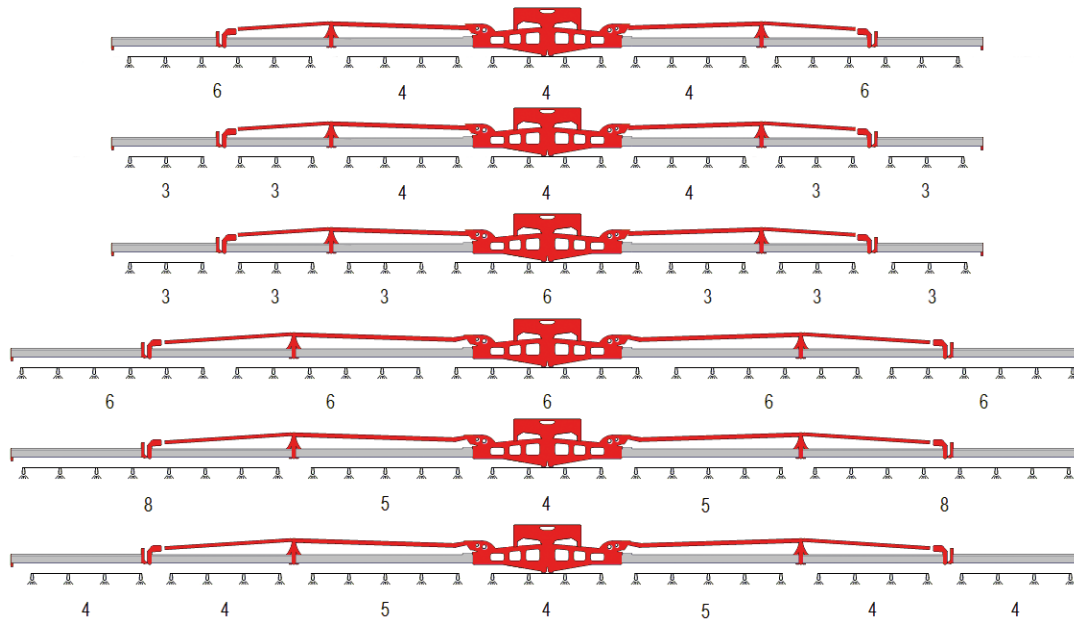


HOSA "Z" folding spray boom



HC vertical folding spray boom

HOSA 12 - 15 m



HOSA 12 - 5 sections

HOSA 12 - 7 sections v1

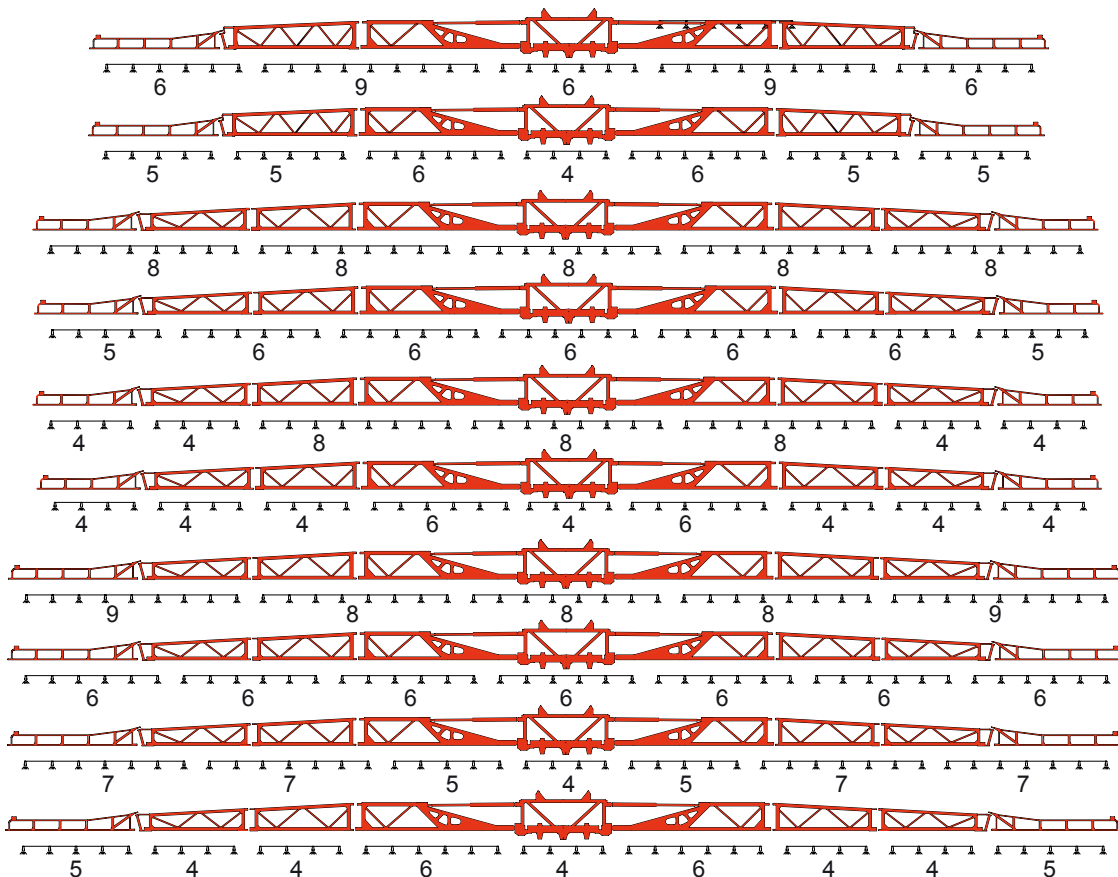
HOSA 12 - 7 sections v2

HOSA 15 - 5 sections

HOSA 15 - 5 sections

HOSA 15 - 7 sections v1

HC 18 - 20 - 21 m



HC 18 - 5 sections

HC 18 - 7 sections v1

HC 20 - 5 sections v1

HC 20 - 7 sections

HC 20 - 7 sections v2

HC 20 - 9 sections v1

HC 21 - 5 sections v1

HC 21 - 7 sections

HC 21 - 7 sections v2

HC 21 - 9 sections v1

Easy to Hitch

iXter Makes Life Easy



Weight carried closer to the tractor
for maximum weight transfer.

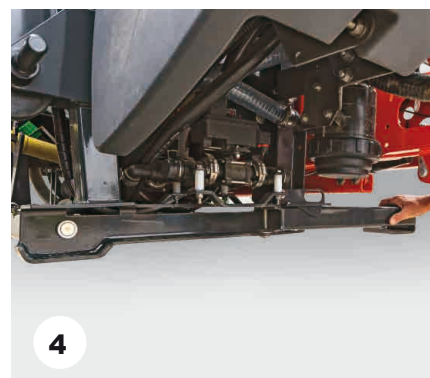
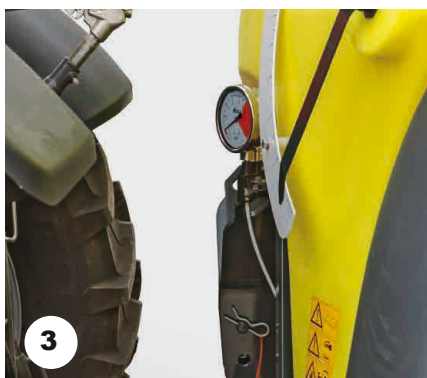
The iXter A makes life simple for you:

1. Enough space to connect the PTO shaft, hydraulic lines and electric cables.
2. Drive backwards to connect to the sprayer.
3. Lift up the sprayer.
4. Push in the storage legs and the iXter A is ready to go!

A parking frame is available for easy hitching and storage of the sprayer.



Parking frame iXter A



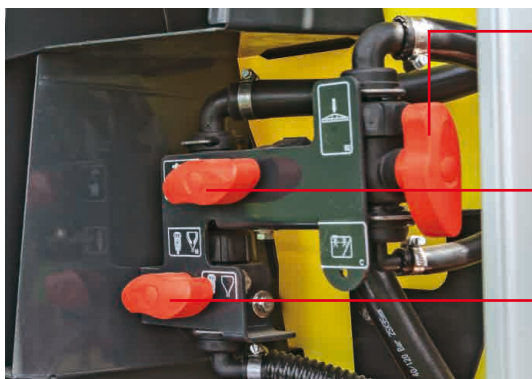
Control Panel

Leads You in the Right Direction



Full integration concept:

It is easy to operate the iXter A sprayer with the control panel, chemical inductor, handwash tank and clean clothes locker all on the same side of the sprayer. The chemical inductor is securely stored when not in use.



2-Position pressure valve:

- Up: spraying
- Down: additional functions; tank cleaning, external cleaning, liquid transfer

2-Position pressure valve:

- Left: filling main tank
- Right: spraying mode

2-Position pressure valve:

- Vertical: activate chemical inductor
- Horizontal: deactivate chemical inductor

2-Position suction valve:

- Vertical: main tank
- Horizontal: external or clean water

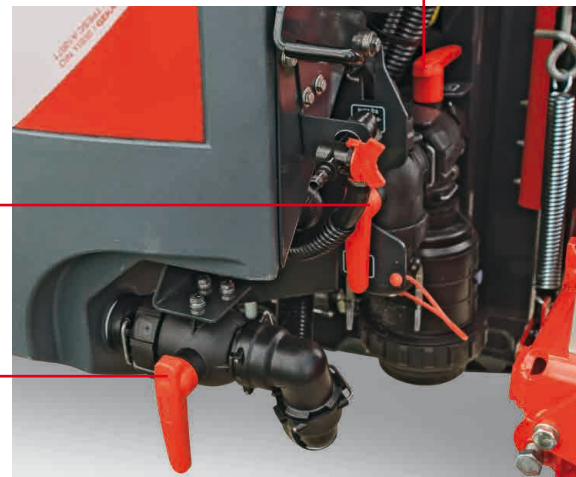
Intuitive control panel design separates suction and pressure sides. It is conveniently located on the left-hand side of the sprayer.

2-Position suction valve:

- Vertical: clean water tank
- Horizontal: external water

2-Position suction valve:

- Vertical: no suction from chemical inductor
- Horizontal: suction from chemical inductor to main tank



Easy operation

Filling is Easy, Clean and Safe



18 litre 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 using the hand wash tap.



Chemical inductor

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



130 litre clean water tank

The sprayer can be cleaned in the field with water from the clean water tank. The level sight gauge indicates the amount of water in the clean water tank. An external cleaning set is optional and includes a 15m hose, a brush with insert for soap, all linked to the pressure side of the pump.



Clean cloth locker

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



Hydrant filling

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



Filling via the 1.5 inch suction hose

Water is filtered initially by the filter on the hose and then by the suction filter. At the same time you can use the chemical inductor to add and premix chemicals. A camlock adapter for 2 inch filling is available as an option.



Rotating level indicator

A rotating level indicator provides the actual tank volume.

Silent piston diaphragm pumps

Pumps are available with capacities of 100, 150 and 200 l/min. They are liquid fertiliser resistant and capable of running dry without damage.



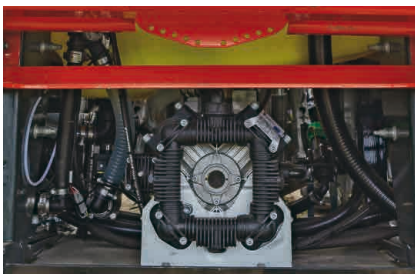
Central pressure filter

The pressure filter prevents blockages by keeping the filter mesh clean. You can use a 50 or 80 mesh filter.



High capacity suction filter

Both suction and pressure filters are easily accessible for inspection and cleaning, ensuring minimal contact with pesticide. The high capacity suction cleans all liquid before it enters the pump.



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.

We Care about Your Crop!

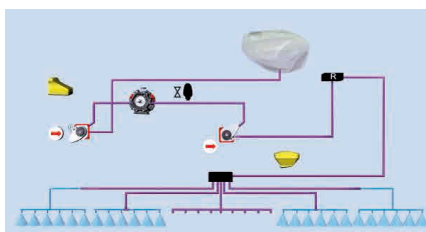


ENvironmental FOCUS:

ENFO priming and rinsing system is standard on all our spray computers.

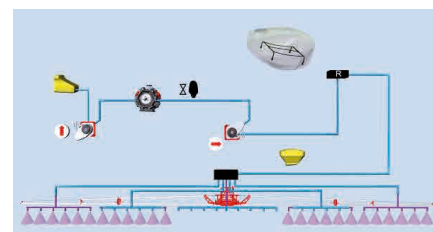
This smart technology optimises filling and cleaning of spray lines.

Accurate application, no waste of chemicals and saving water are key benefits for you and the environment.



Automatic Rinsing of spray lines:

After finishing or interruption, pesticides are automatically flushed out of the spray lines. This means using up to the last litre of mixture and rinsing the spray lines with the minimum amount of clean water.



Automatic Priming of spray lines:

Before spraying starts the spray lines are filled with chemicals exactly up to the nozzle by automatic section shut off. This means chemicals aren't wasted and application is accurate from the first moment!

EC



Remote Control EC:

- All in one remote control
- Spraying on/off functions including up to 7 sections and two border nozzle switches
- Agitation shut off
- Pressure control
- Pre-select hydraulic boom functions

FMC



FlowMate Control FMC:

- Professional spray computer
- Extremely simple to operate
- Very compact design, integrating all spraying and hydraulic functions
- Controlling the unique ENFO functions
- Integrated nozzle advice
- Field memory for 25 different fields

Sprayer Test Hall for Top Quality!



NSTS: National Sprayer Testing Scheme is the relevant authority in UK for sprayer homologation.



SKL: Official homologation for Benelux, delivered by the SKL foundation for agricultural machinery in Wageningen.



JKI: Official homologation for Germany, delivered by the Federal Biological Research Centre of Germany, now JKI Institute.



NY: Official homologation for Norway, delivered by the Norwegian Food and Safety Authority.



ENTAM: ENTAM is the European Network for Testing Agricultural Machines. JKI of Germany and Cemagref of France are among others, official members of ENTAM.



Every iXter A, and of course all other sprayers that leave the factory via our own test hall are certified to ensure our sprayers meet the latest environmental regulations. Our testers are trained to carry out all of the test procedures.

Starguide IV

Starguide IV: Automatic GPS section control and guidance by D-GPS

Those who have used it will never go back. Starguide IV will change your spraying days forever: spray around the headland and Starguide IV will control the spray sections automatically as you cover the remainder of the field. Starguide IV is easy to operate: after spraying a field boundary the overlap and headland management are controlled for the rest of the field!

The Starguide IV enables you:

- Spraying in the dark
- Accurate spraying by full overlap control
- Increased operator comfort
- Cost savings by reduced overlap

In addition the Starguide IV also includes the following features:

- Easy to operate intuitive 5.7" colour touch screen
- Field view with covered areas and overlap
- Single and double overlap in different colours
- GPS status warnings
- USB slot for data export in different formats
- RXA-30 antenna



Innovations to Make Life Easy



The HOSA is a 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 and the anodised hardened surface protects against scratches and corrosion.

- Z-folding aluminium boom
- One-side spraying possible
- 2,5m transport width
- Heavy-duty construction, light weight
- Profile integrated nozzle protection
- Smooth surface for easy cleaning
- Monojets or Trijets
- Central locking of pendulum system



Transport locking



Hydraulic locking pendulum system



Safety break-away



One-side spraying



HC Boom

The Versatile Boom



The new generation HC boom is a multi-talented spray boom range. The triangular steel construction allows high speed even in very difficult conditions. The boom is extremely strong and reliable, and its 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.

Safety on the road

The 2.5 m transport width means that even narrow roads and gateways are no obstacle.

Multiple folding possibilities

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



Narrow transport width



One-side spraying

Technical Specifications

	Vicon iXter A		
Mounted sprayer models	A8	A10	A12
1. Tank size			
Nominal / maximum main tank capacity	800 l / 965 l	1000 l / 1185 l	1200 l / 1395 l
Clean water tank / Hand wash tank	130 l / 18 l	130 l / 18 l	130 l / 18 l
Chemical inductor with opening of 40x40 cm	30 l	30 l	30 l
2. Empty weight (total machine incl. boom)			
... with HOSA 12 m	889 kg	901 kg	913 kg
... with HOSA 15 m	952 kg	964 kg	976 kg
... with HC 18 m	1207 kg	1219 kg	1231 kg
... with HC 20 m	1287 kg	1299 kg	1311 kg
... with HC 21 m	1293 kg	1305 kg	1317 kg
3. Measurements			
Width (total machine incl. boom)	HOSA = 2,35 m / HC = 2,50 m		
Height (total machine incl. boom)	HOSA12 = 2,56 m / HOSA15 = 2,85 m / HC = 3,30 m		
Length (total machine incl. boom)	HOSA = 1,35 m / HC18 m = 1,45 m / HC20-21 m = 1,65 m		
4. Pumps			
Piston-diaphragm pumps	100, 150, 200 l/min		
5. Electronics			
5.1. Remote control			
EC 5-section 3-way-valves, for pre-selection hydr. (incl. EC control box)	▲¹ not for HC		
5.2. Basic spray computer			
FMC 5-section 2-way-valves, for pre-selection hydraulics (incl. FMC control box)	▲²		
FMC 7-section 2-way-valves, for pre-selection hydraulics (incl. FMC control box)	▲³		
FMC 9-section 2-way-valves, for pre-selection hydraulics (incl. FMC control box)	▲⁴		
FMC 5-section 2-way-valves, for oilcircuit hydraulics (incl. FMC control box)	▲⁵		
FMC 7-section 2-way-valves, for oilcircuit hydraulics (incl. FMC control box)	▲⁶		
FMC 9-section 2-way-valves, for oilcircuit hydraulics (incl. FMC control box)	▲⁷		
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 (via filter)	standard		
7. Accessories (also loose available)			
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" to 2" for filling hose	●		
Float for filling hose	●		
Non return valve 1,5" for filling hose	●		
Urea sieve	●		
Pump out connection	●		
Parking frame	●		
Battery cable 3 pin (only for EC/FMC, if no power connector at tractor)	●		
Starguide IV	●		
Booms	HOSA	HC	
Type	12 / 15	18 / 20 / 21	
1. Basic boom functionality			
Working width (m)	12 / 15	18 / 20 / 21	
Material	Aluminium	Steel	
Transport position	Vertical	Vertical	
Folding drive	Hydraulically	Hydraulically	
2. Spray sections			
Standard	5 / 5	5 / 7 / 7	
Alternative 1 (two sections more than standard)	7 / 7	7 / 9 / 9	
Alternative 2 (two sections less than standard)	- / -	- / 5 / 5	
3. Spray jets			
Monojets	▲¹	▲¹	
Trijets	▲²	▲²	
Pentajets		▲³	
4. Other			
Road lights	●	●	
Electrical or manual border nozzle	●	●	
Electrical or manual verge nozzle	●	●	
▲¹ - ▲³"" = one of these choices must be selected. ▲ = must be selected. ● = option, free to select			

▲¹ - ▲² - ▲³ - = one of these choices must be selected, ▲ = must be selected, ● = option, free to select

Vicon Field Sprayer Range

A Complete Range of Mounted Sprayers

Vicon now offers a complete range of mounted, trailed and even self-propelled sprayers. The iXter A joins the existing iXter B mounted field sprayer range, to offer a comprehensive mounted sprayer range, including the iXtra front tank.



iXter A8 - A10 - A12

The iXter A is a professional mounted sprayer, which is easy to operate. The iXter A is available with 800, 1000 and 1200 litre tank capacity in combination with two different boom types: the HOSA aluminium spray boom and the HC steel boom range. The centre of gravity for the sprayer is extremely close to the tractor for an optimal weight transfer. Operation can be made easy with the simple Electric Remote Control or the well-proven FMC spray computer.



iXter B10 - B13 - B16 - B18

The iXter B is an ISOBUS compatible mounted sprayer available in 4 different tank sizes: 1000, 1300, 1600 and 1800 litres and 2 different boom types (HOSA and HC). The HC boom range is even available up to 30m. The centre of gravity of the sprayer is close to the tractor for maximum weight transfer. It is very easy to work with the EasySet control panel. The valves are well protected behind the door! To operate the iXter B you can use the EC remote control, FMC spray computer, IsoMatch Tellus GO or IsoMatch Tellus Terminal.

iXtra Comfort or iXtra Pro front tank

The iXtra front tank has a nominal volume of more than 1100 litres. The iXtra is that front end weight, adding stability to your tractor! In combination with the iXter B mounted sprayer, the iXtra provides a total volume of around 3000 litres, making this combination a serious alternative to a self propelled sprayer. The iXtra is available as Comfort (semi automatic control) or Pro (full electric control) versions. You can select the front tank from the cab or through the EasySet valve panel. Without a front PTO shaft or hydraulic hoses, hitching and unhitching the iXtra is extremely simple.



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.



Original Spare Parts


Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



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