

# A CONNECTION FOR THE FUTURE

Whether new or existing machines – **iQblue connect** makes your implements smarter and more precise. With iQblue connect, the implement optimises its performance continuously, all by itself. This takes strain off the operator and substantially increases the efficiency of the entire combination. This control system is easy to install and represents a cost-effective alternative for upgrading your

existing machine with new functionalities, compared to buying a new machine. **iQblue connect** additionally supports seamless, automatic data management, as machine data is integrated into your documentation. The **iQblue connect control** is portable and can be flexibly extended to include additional applications by using implement-specific sensor kits.

## SUITABLE FOR:

-  LEMKEN cultivators
-  LEMKEN ploughs
-  Other brands

## ENTDECKEN SIE JETZT DIE LEMKEN **iQblue-Welt**.



iQblue connect



iQblue Clara Weather station



Data management



Assistance and Operating systems



Terminals



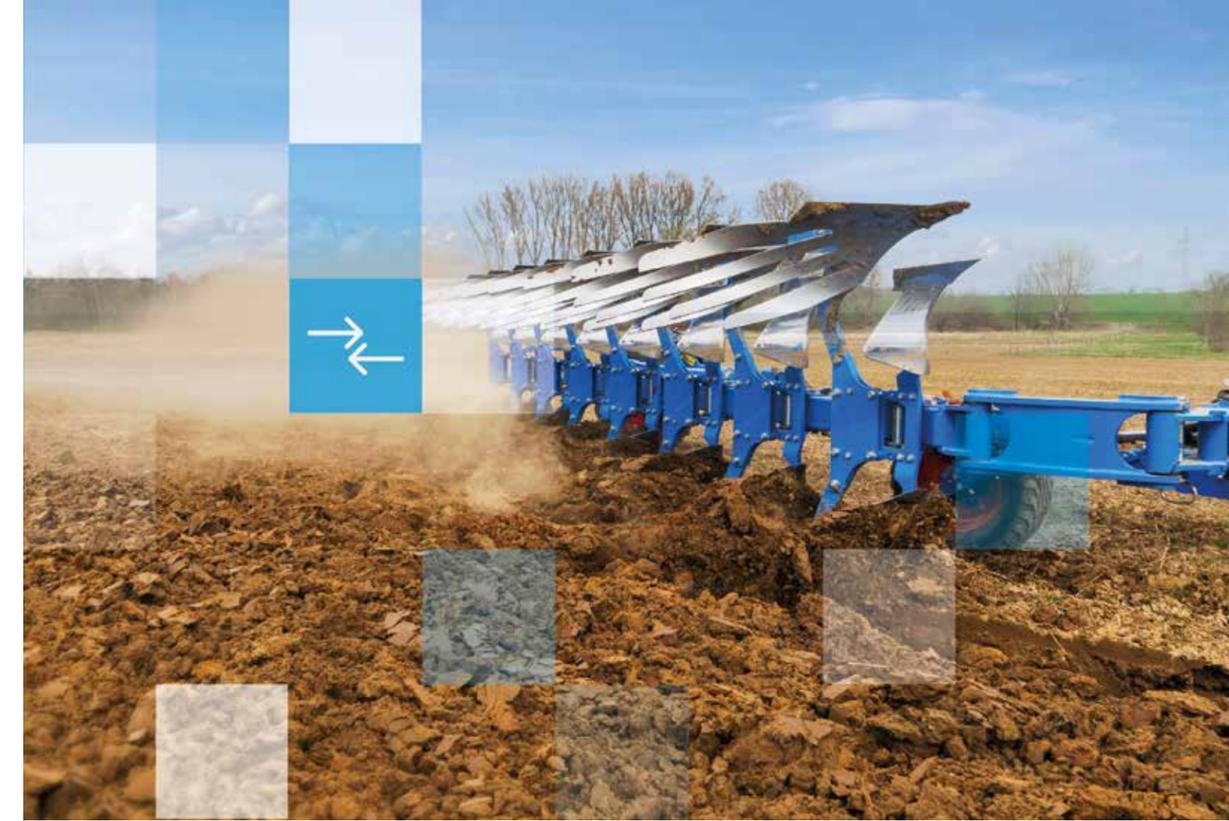
Joysticks & Co.



LEMKEN Apps

[iqblue.lemken.com](http://iqblue.lemken.com)

Your LEMKEN dealer:



## **iQblue connect**

MAKES PLOUGHS AND CULTIVATORS SMARTER



## ON THE PLOUGH



### GPS working width control with iQblue connect

The control calculates the optimal plough working width and sends control commands to the tractor. The tractor's spool valves are then operated automatically to adjust the machine settings.



### Sensor kit

Easily retrofitted; measures the current plough working width. For all mounted and semi-mounted ploughs with hydraulic working width cylinder.

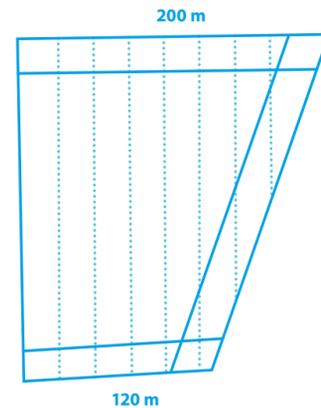


### Your benefits for ploughing thanks to:

- a dead straight furrow
- perfect seedbed preparation
- convenient, precise pass alignment
- optimally ploughed wedge-shaped fields
- fewer turns
- target contour ploughing

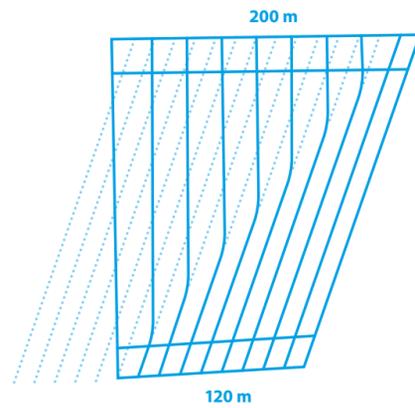
### WITHOUT iQblue connect: 3 headlands required!

- additional soil compaction
- substantially more time required



### WITH iQblue connect: Only 2 headlands!

- no unnecessary soil compaction
- minimal time required
- more level work results
- better field hygiene



## ON THE CULTIVATOR



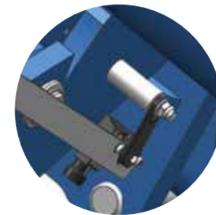
### Working depth control with iQblue connect

The control compares the current working depth with the tillage map. As soon as there is a discrepancy, the tractor's spool valves are operated automatically to adjust the machine settings. The lift mast is adjusted at the same time to ensure a consistent working depth and alignment of the implement.



### Sensor kit

Easily retrofitted; measures the current cultivator working depth. For all semi-mounted cultivators with hydraulically adjustable working depth.

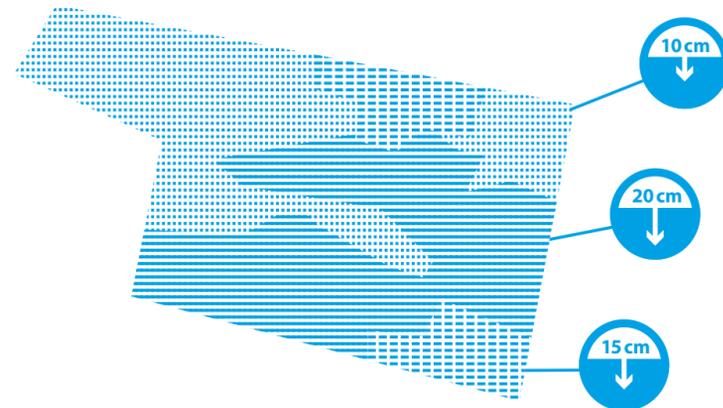


### Your benefits for cultivator tillage thanks to:

- precise working depth adjustment
- fuel savings due to width section-specific working depth settings
- width section-specific adjustment of the depth of tillage
- tillage as shallow as possible, as deep as necessary
- optimised fuel consumption

### Automatic, width section-specific working depth adjustment thanks to iQblue connect

- reduce soil disturbance to a minimum to protect the water balance in the soil and ensure efficient fuel use



Fields are rarely homogeneous. On this field, the working depth to be achieved varies between 10 cm and 20 cm, for example.

## TIM – EVERY OPERATOR'S NEW FRIEND

The ISOBUS standard **Tractor-Implement Management (TIM)** allows your implement to access the tractor to support autonomous control of functions such as forward speed, steering, PTO speed and the lift height of the rear hydraulics. With **iQblue connect** the plough or semi-mounted cultivator controls the tractor spool valve via TIM to adjust machine settings to reach the target status.

Automatic processes replace the manual handling of tiring, repetitive tasks. As a result your work becomes easier, more precise and more effective!

