



ISO-RosCrop

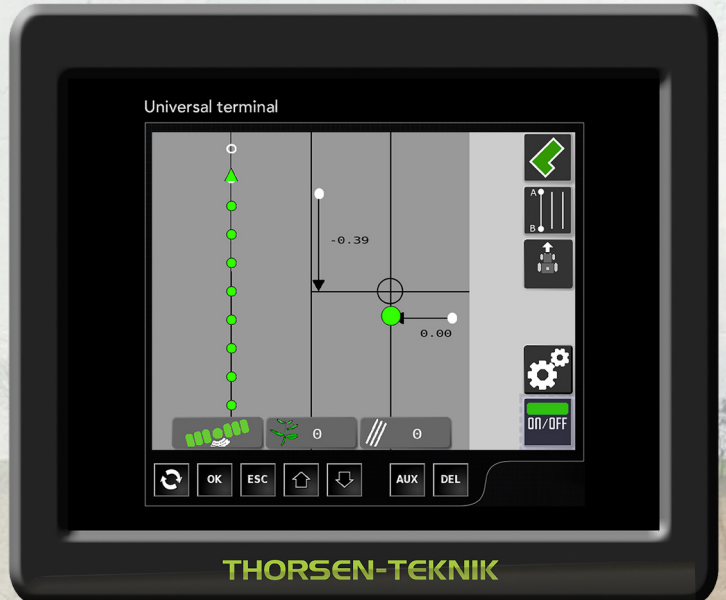
RTK planting
On the Go / Stop 'n Go

THORSEN-TEKNIK
Solutions for Precision Agriculture

Stop n 'Go

– GPS RTK offers a range of benefits

The Stop 'n Go function is designed to enable high-precision planting of larger plants, where the machine must hold still while doing the work. The function is suitable for drilling holes for e.g. fences, trees, plants etc. Stop 'n Go supports NMEA 2000, enabling data sharing on compatible machines. The system is ISOBUS-compatible and can be used with all the latest ISOBUS-consoles on the market. The new user interface has been developed in cooperation with our customers, to ensure a simple and functional interface. The ISO-BUS-UT contains a host of important features and numerical values, allowing the user to follow the planting through the ISOBUS-console.



- ISO-RosCrop is easy to use
- Offers precision planting
- Independent of speed
- Plants more plants per hour
- More viable plants in the field
- Easier weed control

THE SYSTEM THAT EFFICIENTLY PLANTS YOUR PLANTS AND SOWS YOUR SEED WITH PRECISION!

Practical experience shows that great benefits can be achieved by planting trees precisely. Precision planting leads to more trees per acre and more uniform trees of a higher quality, because all of them have equal access to vital nutrients e.g. light, water, fertiliser, etc. Vegetable growers, nurseries and in the long term, farmers can gain significant benefits from planting seeds and seedlings precisely. This has previously not been possible, when both efficiency and higher capa-

city have been required. ISO-RosCrop uses a sat-nav system based on RTK signals to plant/sow with a precision of +/- 2.5 cm. For the same reason, more can be planted/sown per hour than with other systems. ISO-RosCrop can be used together with all ISOBUS-compatible RTK-systems, irrespective of make, that are fitted to any tractor, regardless of brand.



CHARACTERISTICS



ISOBUS

The ISO-RosCrop system is ISOBUS-compatible and can be used through all ISOBUS consoles regardless of brand. The ISO-RosCrop is therefore an extremely flexible system that can be moved from machine to machine.



Save field data

You can save plant positions, field data and lines, so that you can continue precious work from the correct starting point.

OPTIONS



Stop 'n Go

The new Stop 'n Go function enables high precision work while the machine is stationary. Your position is displayed on the ISOBUS-console, giving the operator an unique opportunity to plant and drill with +/- 2.5cm. precision. The solution is ideal for e.g. fencing, planting og vines and other larger trees.



Log plant positions

Option for logging plant positions as CSV files and field data management.



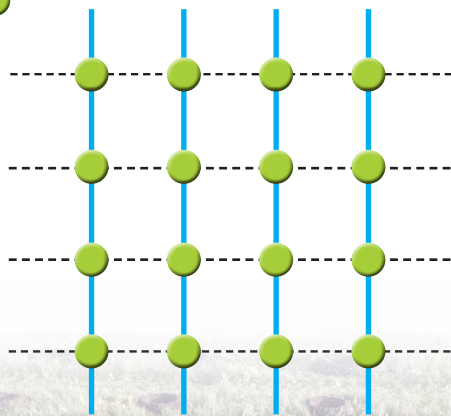
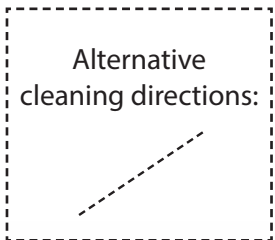
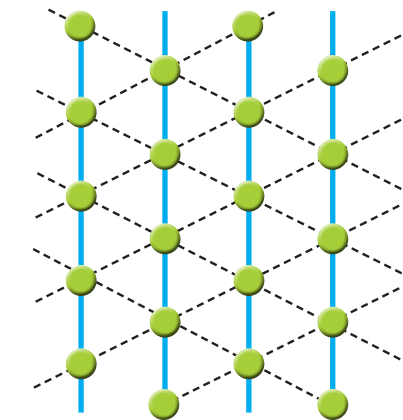
Headland management on RosCrop via ISOBUS Task Controller (TC)

- Automatic start/stop for headland (orange line)
- Automatic start/stop on wedges shaped fields
- Automatic start/stop for exclusion zones

PLANTING IN PATTERNS

- primarily ensures a higher usage degree per Ha. Figures from the industry state that 10-15% more trees can be planted per Ha without affecting quality. Another benefit is that all of the plants develop more symmetrically, because they are affected equally from all sides. ISO-RosCrop is not just intended for tree plantations, but for all types of crops for which there is a benefit in being sown or planted in a pre-de-termined pattern to ensure identical space per plant.

For organic agriculture, ISO-RosCrop offers the great benefit that when the plants grow in a specific pattern, mechanical weeding can be carried out from various angles, because angles or rows are created in many directions. This can ensure maximum mechanical weeding very few cm², untreated area around each plant.



”Quite simply, it works, and gives us more trees per Ha, so that we can exploit the areas as well as possible!”

- Lars Kilsgård // LK Skovservice

Specifications

Planting patterns: The system is set up so that you set the row spacing, the number of rows and the distance between the plants in the row. The system can also be used to create different planting patterns as required. Precision is theoretically plus/minus 2.5 cm.

Map: Planting /sowing of an area is easy, by just drawing up an A-B line, after which the area can be planted/sown in the pre-determined manner. The system automatically draws a map of the individual plant/seed's position. This map can later be used for e.g. position-determined fertilisation, spraying and mechanical weeding.

Options: • Headland management på ISO-RosCrop on TC • Logging plant positions • Switch between planting On the Go or Stop 'n Go.

Stop 'n Go: Enables performance of high precision work while the machine is stationary.



Rev. G3 - Ret til ændringer forbeholdes.