



# NOVA 200 AUTO SECTION CONTROL COMPUTER

## GENERAL FEATURES

### *Guidance with On-screen Lightbar*

- Displayed info - way line number, guidance light-bar, current heading (compass)
- Complete overview of the job carried out, with zoom in/out (birds eye - worms eye view)
- Accuracy up to 2.5 cm depending on the connected GPS receiver (RTK or subscription based)
- Job Pause feature help operators pause and continue at the very same point of field after refilling tank
- Realignment function of way lines for row crops in case line shift needed
- Way lines offset customization - intended overlap or gap on rows can be customized) / USB connection for software updates

### *Field Database*

- Save fields together with points of interests such as tree trunks, cracks etc.
- Recall fields from database with its way lines for future operations

### *Equipment/Tractor Database*

- Several different types of equipment & tractors can be saved to database to be used with guidance feature (Sprayers, seeders, planters, spreaders, tillage equipment etc.)

### **Rate Control**

- Sustaining set application rate (l/ha) at alternative application speed
- Spraying stops below minimum set pressure and speed
- Customized nozzle spacing parameters
- Prevents pressure loss in the system on restarting spray job at row turns
- Keeps data of total area covered and total spray amount starting from very first operation
- Alarm states - High speed/Low speed/Min speed/No Flow/Min Tank/No Speed/Below min. reg. pressure/Above max. reg. pressure
- In situations of lost GNSS signal Auto Section Control pauses but Rate Control continues using wheel speed sensor

### **Auto Section Control**

- Turns off sections of the sprayer when overlapping areas or when moving off field boundaries
- Alarm activated at weak GPS signal quality
- Integrated on-computer switches controlling up to 7 sections manually
- Adjustable overlapping percentage limit
- Adjustable opening advance & closing delay distance

### **Variable Rate Control**

- Mapping capabilities, allowing for precise location tracking and mapping of field variability. This data is used to apply the correct input rates based on specific zones within the field.

### **Displayed Info**

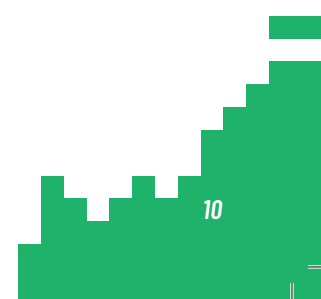
- Application Rate, Speed, Pressure, Flow Rate, Sprayed quantity, tank level, area covered, spraying duration, distance covered,
- User configurable "Instant Menu"

### **Job Report**

- In computer job completion report with relevant variable rate mapping, overlaps, total time, total area, productivity (he/h, l/h)

### **Connectivity and IoT**

- Wi-fi capability enables remote monitoring and control through smartphones, tablets, or computers through "tim app" and helps easy latest version software updates
- Collect detailed data and store it on cloud-based "tim app" platform on every application, including input rates, locations, and outcomes.



## STANDARD PACKAGE

TNOV200.01



Nova 200 Computer



3m Power Cable

## TO BE ORDERED



KYP030

Speed Sensor  
with 2m Cable



SIM100

Nova 200  
4,5 + 1,5m  
Valve Cable

## OPTIONAL



SIM101

10,5 + 1,5m  
Valve Cable



KYP029

Triple Suction  
Cup Mount



KYP037

Screw Mount



SAL400504

Kit Blister 3  
Hole Plug  
Tractor Side



KYP033

GPS with 2m Cable



KYP021

Level Sensor 0,4 BAR  
with 2m Cable



KYP022

Pressure Sensor  
25 BAR - G 1/4

## REQUIRED PRODUCTS

### 20 BAR 5W WOLF FLOWMETER ELECTROVALVE KIT



TA 871T502



TA 863T024S



TA 32621M3



TA 4626415



TA 863T0150

### FITTINGS & MANOMETER



TA 1091313



TA G11058V



TA 1190425



TA 010004



TA 911025

x5

x1

x1

### REQUIRED PRODUCTS - OPTIONALS



TA 864050250

200 l / min Main Control Valve



TA 46211A4A5B5

ORION Flow Meter



TA 863T0120

2W Section Valve



TA 1091316

Hose Connector 16 mm



TC 00902135

Geoline Flowmeter  
Connection Cable