Topcon H2 Spraymaster

Spraying Controller

- » Automatic speed based spraying control
- » 2.8" Clear color display
- » Easy-to-use interface
- » High durability (IP67)
- » Speed data from wheel-sensors or GNSS receiver

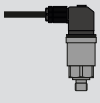
Compatible with many manual or electric agricultural spraying machines with up to 3 - monitor only - sections (Expandable to 9 with an ACI Module), the Topcon H2 Spraymaster provides automatic speed based spraying control designed to optimize inputs and increase yield.

Integrated on pressure- or flow-based systems, the solution offers information on forward speed, application rate, pressure, flow rate, tank contents, area sprayed, volume sprayed, fan speed, work rate, total area, and total volume applied. Additionally, the system provides density settings for liquid fertilizer and allows manual variable rate control.

Empower Labor **Improve Applications** **Optimize Growth**

Solution Overview

Console / Controller
H2 Spraymaster provides a clear display and easy-to-use interface while integrating the controller to reduce costs.



Speed Sensors
Measures speed to maintain the right application output

GNSS Receiver
Provides speed-data and can be an alternative approach to sensors.

Learn more at **topconpositioning.com**

TOPCON
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Electrical

Supply Voltage	9 - 30 V dc
Supply Current	< 500 mA (with no load)
Maximum Supply Current	15A (3A ISO13766 option)
Comms Ports	2 x CAN 2.0B
Input Protection	30 V
EMC etc	ISO 14982 (Forestry and Agricultural Machinery) For Bluetooth option also: FCC CFR 47, ICES-003 and EN 301 489-17 (RED) Build Option: ISO 13766:2018 (Earth Moving Machinery)

Environmental

Sealing	IP67
Vibration / Humidity / Operating / Temperature etc	Conforms with: TTL Environmental Specification 'MIN_SP_0001' (Details on request)

Inputs / Outputs

Outputs	8 Outputs Total all PWM capable 4 × 3A H-Bridges with current / power sensing 4 × 3A High Side Drivers Maximum switched current: 15A
Inputs	8 Inputs Total. Each input can be configure in software as: High Speed (10 kHz max) digital inputs for encoders etc 0-5 V for voltage output sensors 4-20 mA for industry standard sensors
Hardware Interlock	1 x Hardware Interlock
Sensor Power	Both protected +5V and supply voltages available for powered sensors

Processor

Real-Time Processor	ARM M3 core running at 120 MHz
Non Volatile Storage	8 MB

Physical

Dimensions	103 mm x 41 mm x 99 mm

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