

Spraying Controller

H2 Spraymaster



Automatic speed based spraying control

2.8" Clear color display

Easy-to-use interface

High durability (IP67)

Compatible with many manual or electric agricultural spraying machines with up to 9 sections, 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.

ELECTRICAL

Supply Voltage	9 - 30V dc
Supply Current	< 500mA (with no load)
Maximum Supply Current	15A (3A ISO13766 option)
Comms Ports	2 x CAN 2.0B
Input Protection	30V
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 x 3A H-Bridges with current / power sensing 4 x 3A High Side Drivers Maximum switched current: 15A
Inputs	8 Inputs Total. Each input can be configure in software as: High Speed (10kHz max) digital inputs for encoders etc 0-5V for voltage output sensors 4-20mA 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 120MHz
Non Volatile Storage	8MB

PHYSICAL

Dimensions	103mm x 41 mm x 99mm
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