

SP 7600CD Spray controller



A professional solution

The SP 7600CD is an intelligent complete CAN-bus based spraying computer with integrated hydraulic control, integrated wheel steering and specially designed programming language for rapid development.

All controls with only a single monitor

The SP 7600CD is the perfect match for trailed and self-propelled sprayer manufacturers needing a one-controller solution with maximum flexibility.

SP 7600CD functionality:

- Speed dependent application rate
- Regulation on both pressure and flow
- Temporary increase/decrease of application rate
- Up to 14 spray sections
- Datacollection on 19 jobs (area, distance – transport/ sprayed, nozzle, amounts, avg. application rates)
- Signal inputs for flow rate, speed, pressure, filling flow meter, rpm counter, pump protector
- Tank level and alarm
- Full hydraulic control including fold in/out sequences
 - Incl. trifold booms and independent incline
- Integrated wheel steering/track control with special spray dependency mode and hill side mode
- Autowash functionality
- Multiple line switching
- Headland assist and auto boom lock
- Boom leveling
- Auto fill functionality with pump out
- Automatic functionalities for Air Assisted sprayers

Key benefits

- Reduced cabling, only 4-cord cable in the cab
- Simple installation
- Modular system i.e. full scalability
- Increased user friendliness – Single monitor controls all functions
- Enhanced safety due to integration of wheel steering (e.g. auto lock)
- Highly fault tolerant even in noisy environments
- Programmable unit
 - Reduced development time
 - Sprayer perfectly match functional need/ price
- Reduced costs
- Optional use of trailed sprayer joystick

Technical specification

CAN-bus communication	
Switches:	24 pcs
Input/output:	19 input, 32 output
Voltage:	12 – 24 V
Display:	LCD, customized
Acoustics:	Built-in acoustic alarm
Connection:	Job computer with cable

Prepared for precision farming (GPS)

Prepared for printouts of job reports

Ordering number

Variable – depending on configuration of hydraulic, pneumatic and motorized valves and jobcomputers