

IC35 SPRAYER

IC35 Sprayer v1.20

April 2022

New Features:

- Support of Ramsay valve, to be used as regulation valve for FD pumps, where DynaJet IC7140 is set to controlling the flow and IC35 controls the pressure.
- Maximum pressure limiter for hydraulic pump. This is a safety function.
- IC35 flow controller compensated for turn compensation, to control correct application rate while turning.
- Boom wing up/down, softkey added for adjusting wings.
- Virtual switch box added, a switch box on GUI for setting section ON/OFF. Virtual switch box needs an unlock code for being available.

Fixes:

- PLP module 1, serial number was always 0.
- Implement Geometry B-offset can be set to negative values.
- Switchbox support of Task Controller servers with less sections than the capability of Task Controller client.
- Switchbox support for booms with less than 9 sections.
- Application rate was not correct regulated, at unit set to US.
- Some sections as drawn as ON, event they are OFF.
- Error in turn compensation fixed.
- Alive signal to DynaJet IC7140 could be lost.
- Sections where not set to ON, when switching between Task Controller auto and manual mode.
- Updated Tip table.
- Export and import of data fixed; in a state as known from IC34, regarding data which is imported and exported.



IC35 Sprayer v1.00

March 2021

Key Features and Benefits:

- Global first release of IC35 series
- Based on an enhanced hardware platform with more processing power and memory for increased performance
- Provides a USB connector for program updates and import/export of data
- Fully pin compatible with IC34 and supports drop in replacement
- Provides an overall feature set similar to the IC34 series
- Supports section control for 30 sections via PowerLink+ modules
- Provides Turf mode
- Enables application rate control via hydraulic pump speed control when a master valve is present in the system
- Integrates with DynaJet IC7140 v1.11 and later versions via exchange of dedicated CAN messages for better overall system performance
- Offers Individual Nozzle Shut Off for a maximum of 100 nozzles, when used in combination with DynaJet IC7140 v1.11 or later.
- Provides dedicated DynaJet regulation modes based on either pressure or flow when combined with DynaJet IC7140 v1.11 or later.
- Manual section control of individual nozzles via a Virtual Switchbox when unlocked and supported by DynaJet IC7140
- GUI enhanced to enable symmetrical setup of boom
- Tank shape calibration algorithm updated
- Added more TeeJet nozzles

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