



# SCS<sup>2</sup>/SCS<sup>3</sup> (CANopen) to SCU with RML

**BROMMA**

## SPREADER CONTROL SYSTEM

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### SCOPE OF WORK

The scope of work in the supply and installation of the upgrade from SCS<sup>2</sup>/SCS<sup>3</sup> (CANopen) control system to SCU with RML is as listed below:

- Rewrite program in CoDeSys V2.3
- Remove existing parts which need to be replaced
- Mount and connect all listed parts
- Install SCU PLC
- Install RML
- Install new SCU and RML software
- Install new cabling
- Revise existing drawings
- Revise spreader manuals
- Test all functions

### PARTS INCLUDED

The following parts are included in the SCS<sup>2</sup>/SCS<sup>3</sup> (CANopen) control system to SCU with RML upgrade offer:

- SCU PLC
- SCU control cable
- RML
- Converted and updated spreader program
- I/O modules
- CANopen cables
- CR9056 planks
- Plugs
- Cables and item markings

### ADDITIONAL ITEMS INCLUDED IN WORK SCOPE

The following additional items are included in the SCS<sup>2</sup>/SCS<sup>3</sup> (CANopen) control system to SCU with RML upgrade:

- Software update on port's computer that will be used to connect to the spreader
- Firmware update of components and spreader control system
- SCU and RML training

### MATERIAL & INSTALLATION LEADTIME

Please contact your local Bromma representative for material and installation leadtime.

### PRICE & DELIVERY

Please connect with your local Bromma representative for price and delivery leadtime.