

Schedule for a 5 day Service Training for the Noell Straddle Carrier type NSC H

Day 1: Electrical system

- Overview of the electrical system of the NSC H
- Operating the Strad, focus on the new display
- Electrical Components (e.g. absolut encoder, keyboard etc.)
- Troubleshooting the electrical system

Day 2: PLC System (ESX boxes)

- Description / function CAN-Bus
- Working with PCanView or PCanExplorer to diagnose the CAN-Bus
- Working with CoDeSys (monitoring the program / create HEX file)
- Working with WinFlash (downloading a HEX file to a ESX box)
- Working with the Mvision software to setup and program the display
- Troubleshooting the PLC system

Day 3: Gantry System

- Basic description
- Pressure adjustments
- Diagnostic and adjustments with the display
- Practical training at the unit

Hoist System

- Basic description
- Pressure adjustments
- Diagnostic and adjustments with the display
- Practical training at the unit

Day 4: Spreader

- Basic description of the electrical and mechanical design of the spreader
- Bus system of the spreader
- Pressure adjustments
- Diagnostic and adjustments for the spreader with the display
- Practical training at the unit

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Electrical Steering System

- Basic description
- Pressure adjustments
- Diagnostic and adjustments at steering system with the display
- Overview of the electrical steering system
- Working with WinPCS for the electrical steering system
- Troubleshooting the steering system

Brake System

- Basic description
- Pressure adjustments
- Diagnostic and adjustments at the brake system with the display
- Practical training at the unit

Day 5: Diesel engine / Maintenance

- Diagnose the diesel engine

- Strad Maintenance

- Questions and answers to the training
- Practical troubleshooting on the Strad

If the training is located at the customers terminal, the customer would have to provide a suitable training room and for the practical parts of the training a functional straddle carrier.

The times and the training content may vary depending on the knowledge and needs of the trainees. This can be done by the trainer on site if necessary to ensure a more productive training.