



Workshop literature

STILL
ELECTRONIC
DOCUMENTATION
SYSTEM

Electric forklift truck

RX50-10
RX50-13
RX50-15
RX50-16



5051 5053 5054 5055

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first in intralogistics

Edition 05/2011

- Version 5
- Update of the entire book and standardization of the RX-series workshop manuals

Edition 03/2005

- Version 3
- Completely revised edition
- Generation 5 converter added

Edition 08/2005

- Version 4
- Servo hydraulics has been added

Documentation

This workshop manual contains all the information required to assist the trained service engineers with all work, repairs and maintenance on this truck. In addition, some of the components have been deliberately excluded from this workshop manual and are explained elsewhere in order to ensure a clear overview. Changes at short notice are possible at any time and are communicated via Service Information documents.

The additional documentation comprises workshop manuals, special documentation and operating circuit diagrams.

Workshop manuals

- Display elements - display
- FleetManager™

Special documentation

- Error list
- Overview of truck software
- STILL Flasher
- Overview of consumables
- FEM 4.004 test log book

Operating circuit diagrams

- see the circuit diagram overview

Symbols Used

The signal terms **Danger**, **Warning**, **Caution**, **Note** and **Environment note** are used in this document as hazard warnings or for unusual information that requires special identification:

DANGER

means that failure to comply involves risk to life and/or major damage to property can occur.

WARNING

means that failure to comply involves risk of serious injury and/or major damage to property can occur.

CAUTION

means that failure to comply involves risk of material damage or destruction.

**NOTE**

means that particular attention is drawn to combinations of technical factors which may not be evident even to a specialist.

**ENVIRONMENT NOTE**

The instructions listed here must be complied with as otherwise environmental damage may result.

For your safety, additional symbols are also used. Please heed the various symbols.

Changes and retrofitting

Warnings before making changes to the truck

If the truck is used for work not listed in the guidelines or truck-specific original operating instructions and has to be converted or retrofitted accordingly, you should be aware of the following:

- Any structural modification can affect the handling and stability of the truck, and can result in accidents.
- Without authorisation from STILL, no changes that affect the stability, the load capacity and the safety systems may be carried out.
- Operation of the truck without an overhead guard at a lift height of over 1800 mm is prohibited.
- It is prohibited to install and use restraint systems that are not approved by STILL.
- It is prohibited to drill holes in the overhead guard or to perform welding on it.
- When carrying out welding on other parts of the truck, it is essential that the battery and all connections to the electronic controls are disconnected.
- **Only for electric forklift trucks:** It is prohibited to drill holes in the area of the driver's seat into the battery hood because hydrogen can enter through the bores into the driver's cab.

CE conformity

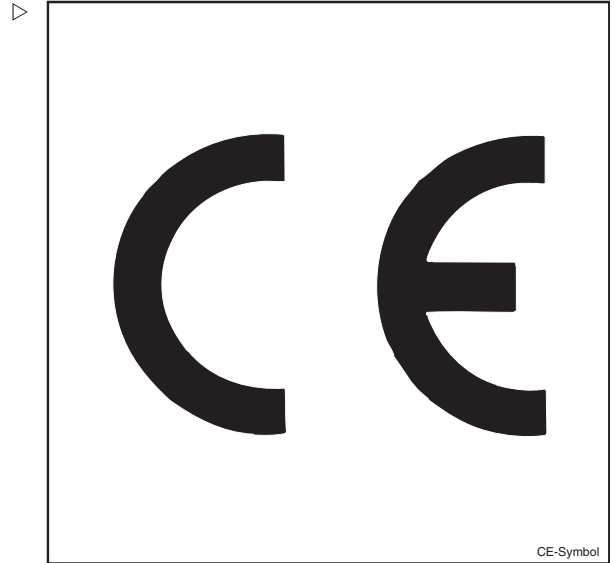
With the CE declaration of conformity, STILL confirms that the truck complies with the standards and regulations valid at the time of marketing. The CE conformity mark is shown on the nameplate and indicates compliance with the above regulations.

A subsequent structural change or addition to the truck can compromise safety, thus invalidating the CE declaration of conformity. In this case, a new CE declaration of conformity is essential for the structural changes. The company that was instructed by the truck operating company to carry out the change is responsible for issuing a new CE declaration of conformity.

The contractor of the operating company must also fulfil the following prerequisites:

- Construction documents, test documents and assembly instructions associated with the change must be archived and remain accessible at all times.
- Check that the capacity rating plate, decal information, hazard warnings and the operating instructions are consistent with regard to the changes and modify if necessary.

The change must be processed by a design office that specialises in the area of industrial trucks. The change must be planned, checked and implemented in accordance with the standards and directives valid at the time.



Working with spare parts

Warning regarding non-original parts

Original parts, attachments and accessories are specially designed for this truck. We specifically draw your attention to the fact that parts, attachments and accessories supplied by other companies have not been tested and approved by STILL.

▲ CAUTION

Installation and/or use of such products may therefore have a negative impact on the design features of the truck and thus impair active and/or passive driving safety.

We recommend that you obtain approval from the manufacturer and, if necessary, from the relevant regulatory authorities before installing such parts. STILL accepts no liability for any damage caused by the use of non-original parts and accessories without approval.

Working with electronic controls

It is not generally permitted to open controls. STILL's liability and the warranty are no longer applicable once the seal has been damaged.

In exceptional cases, personnel authorised by STILL are allowed to open the controls.

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