



Operating instructions
50002957
02.96



ECP 100

-100 E
07.95-

Foreword

The present ORIGINAL OPERATING INSTRUCTIONS are designed to provide sufficient instruction for the safe operation of the industrial truck. The information is provided clearly and concisely. The chapters are arranged by letter. Each chapter starts with page 1. The page identification consists of a chapter letter and a page number. For example: Page B 2 is the second page in chapter B.

The operating instructions detail different truck models. When operating and servicing the truck, make sure that the instructions apply to your truck model.

Safety instructions and important explanations are indicated by the following graphics:



Used before safety instructions which must be observed to avoid danger to personnel.



Used before notices which must be observed to avoid material damage.



Used before notices and explanations.



Used to indicate standard equipment.



Used to indicate optional equipment.

Our trucks are subject to ongoing development. Jungheinrich reserves the right to alter the design, equipment and technical features of the truck. No guarantee of particular features of the truck should therefore be assumed from the present operating instructions.

Copyright

Copyright of these operating instructions remains with *JUNGHEINRICH AG*

Jungheinrich Aktiengesellschaft

Am Stadtrand 35
D-22047 Hamburg - Germany

Telephone: +49 (0) 40/6948-0

www.jungheinrich.com

Table of contents

A	Correct use and application of the truck	A1
B	Truck description	
1	Application	B1
2	Description of the assemblies and functions	B2
2.1	Truck	B3
2.2	Technical description - Load lifting device	B5
3	Technical data - Standard version	B6
3.1	Performance data for standard trucks	B6
3.2	Dimensions.....	B6
3.3	EN standards.....	B8
4	Marking positions and identification labels.....	B9
4.1	Truck identification plate	B10
4.2	Load capacity label, load capacity / load centre / lifting height	B10
C	Transportation and commissioning	
1	Transportation by crane	C1
2	Commissioning.....	C1
3	Moving an incapacitated truck.....	C2
D	Battery- Servicing, recharging, replacement	
1	Safety regulations governing the handling of lead-acid batteries.....	D1
2	Battery types.....	D1
3	Exposing the battery.....	D2
4	Charging the battery.....	D3
5	Removing and installing the battery.....	D4
6	Battery discharge indicator, battery discharge monitor and hour meter.....	D5
E	Operation	
1	Safety regulations governing the operation of the truck.....	E1
2	Description of the operating controls and indicating instruments.....	E2
3	Start-up of truck.....	E4
4	Truck operation.....	E5
4.1	Safety regulations applicable when operating the truck.....	E5
4.2	Driving, steering, braking.....	E6
4.3	Picking up and setting down loads.....	E8
4.4	Auxiliary hoist frame.....	E8
4.5	Rendering vehicle safe when parking.....	E8
4.6	Fault locating operations.....	E9

F	Truck maintenance	
1	Operational safety and environmental protection.....	F1
2	Safety regulations applicable to truck maintenance.....	F1
3	Servicing and inspection.....	F3
4	Servicing check list ECP.....	F4
5	Lubricating schedule ECP.....	F6
5.1	Fuels, coolants and lubricants.....	F7
6	Instructions for the servicing operations.....	F8
6.1	Preparing the truck for the performance of servicing and maintenance operations.....	F8
6.2	Opening the battery hood	F8
6.3	Opening the front hood	F8
6.4	Opening the door of the electric system	F9
6.5	Checking/replacing the gear oil	F9
6.6	Checking the electric fuses.....	F10
6.7	Recommissioning of the truck.....	F11
7	Decommissioning the truck.....	F11
7.1	Operations to be performed prior to decommissioning..	F11
7.2	Measures to be taken during decommissioning.....	F11
7.3	Recommissioning of the truck.....	F12
8	Safety checks to be performed at regular intervals and following any untoward incidents (Ⓓ: Accident prevention check according to VBG 36).....	F12

A Correct use and application of the truck



The „Guidelines for the Correct Use and Application of Industrial Trucks“ (VDMA) are included in the scope of delivery for this truck. The guidelines are part of these operating instructions and must always be heeded. National regulations are fully applicable.

The fork-lift truck described in these operating instructions is a truck that is suitable for lifting and transporting loads.

It must be used, operated and maintained according to the information in these operating instructions. Any other uses are outside the design envelope and can lead to injury to persons or damage to equipment and property. Above all, overloading caused by excessively heavy or unbalanced loads must be avoided. The max. admissible load to be picked up is indicated on the identification plate or load diagram label shown on the truck. The fork-lift truck must not be operated in spaces subject to fire or explosion hazards, or in spaces where corrosive or very dusty atmospheres prevail.

Duties of the user: A „user“ within the meaning of these operating instructions is defined as any natural or legal person who either uses the fork-lift truck himself, or on whose behalf it is used. In special cases (e.g. leasing or renting), the user is considered the person, who, in accordance with existing contractual agreements between the owner and the user of the fork-lift truck, is charged with the observance of the operating duties.

The user must ensure that the truck is not abused and only used within its design limits and that all danger to life and limb of the operator, or third parties, is avoided. In addition to this, it must be ensured that the relevant accident prevention regulations and further safety-related provisions, as well as the operating, servicing and maintenance guidelines, are observed. The user must also ensure that all persons operating the truck have read and understood these operating instructions.



If these Operating Instructions are not observed the warranty becomes void. The same applies if improper works are carried out at the device by the customer and/or third parties without permission of our Customer Service.

Mounting of attachments: The mounting or installation of any attachments which will interfere with, or supplement, the functions of the truck is permitted only after written approval by the manufacturer has been obtained. If necessary, the approval of local authorities has to be obtained.

Any approval obtained from local authorities does not, however, make the approval by the manufacturer unnecessary.

[Buy now](#)

[JUNGHEINRICH Truck 100 Operating Instructions PDF](#)

[With Instant Download](#)