

# Operation & Maintenance Manual

UEAM001704

## PC210-7K PC210LC, PC210NLC-7K PC230NHD-7K PC240LC, PC240NLC-7K HYDRAULIC EXCAVATOR

SERIAL NUMBER	PC210-7K	- K40001 and up
	PC210LC-7K	- K40001 and up
	PC210NLC-7K	- K40001 and up
	PC230NHD-7K	- K40001 and up
	PC240LC-7K	- K40001 and up
	PC240NLC-7K	- K40001 and up



### WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept inside the cab for reference and periodically reviewed by all personnel who will come into contact with the machine.

# KOMATSU



# FOREWORD

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This manual provides rules and guidelines which will help you use this machine safely and effectively. The precautions in this manual must be followed at all times while operating or performing maintenance. Most accidents are caused by the failure to follow fundamental safety rules for the operation and maintenance of machines. Accidents can be prevented by knowing beforehand conditions that may cause a hazard when performing operation and maintenance.

## WARNING

**Operators and maintenance personnel must always do as follows before beginning operation or maintenance.**

- **Always be sure to read and understand this manual thoroughly before performing operation and maintenance.**
- **Read the safety messages given in this manual and the safety labels affixed to the machine thoroughly and be sure that you understand them fully.**

**Keep this manual in the storage location for the Operation and Maintenance Manual given below, and have all personnel read it periodically.**

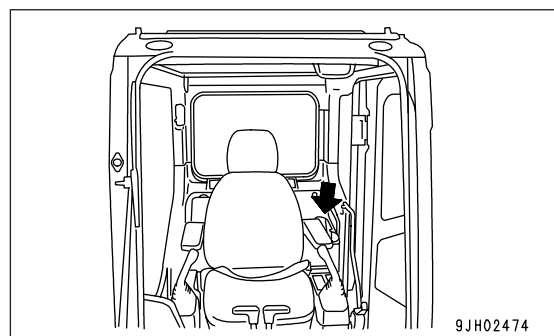
**If this manual has been lost or has become dirty and cannot be read, request a replacement manual immediately from Komatsu or your Komatsu distributor.**

**If you sell the machine, be sure to give this manual to the new owners together with the machine.**

**Komatsu delivers machines that comply with all applicable regulations and standards of the country to which it has been shipped. If this machine has been purchased in another country or purchased from someone in another country, it may lack certain safety devices and specifications that are necessary for use in your country. If there is any question about whether your product complies with the applicable standards and regulations of your country, consult Komatsu or your Komatsu distributor before operating the machine.**

Storage location for the Operation and Maintenance Manual:

Storage box on the left side of the operator's seat.



# SAFETY INFORMATION

To enable you to use this machine safely, safety precautions and labels are given in this manual and affixed to the machine to give explanations of situations involving potential hazards and of the methods of avoiding such situations.

## Signal words

The following signal words are used to inform you that there is a potentially hazardous situation that may lead to personal injury or damage.

In this manual and on machine labels, the following signal words are used to express the potential level of hazard.



**DANGER**

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



**WARNING**

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



**CAUTION**

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. This word is used also to alert against unsafe practices that may cause property damage.

## Example of safety message using signal word

### **WARNING**

**To avoid hitting unlocked operation levers, lower equipment to ground and move SAFETY LOCK LEVER (located near seat) to LOCK position before getting up from the operator's seat. Sudden and unwanted machine movement can cause serious injury or death.**

## Other signal words

In addition to the above, the following signal words are used to indicate precautions that should be followed to protect the machine or to give information that is useful to know.

### **NOTICE**

This word is used for precautions that must be taken to avoid actions which could shorten the life of the machine.

### **REMARKS**

This word is used for information that is useful to know.



Thank you very much  
for your reading.  
Please click here  
to get more information.