

# Operation & Maintenance Manual

UEAM004904

## PC210-8

## PC210LC, PC210NLC-8

## PC230NHD-8

## PC240LC, PC240NLC-8

### HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC210, PC210LC, PC210NLC-8 - K50001 and up

PC230NHD-8

PC240LC, PC240NLC-8

PC240LC, PC240NLC-8

- K50001 and up

PDF



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- 10001 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**

## FOREWORD

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 when performing operation and 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

**Before beginning operation or maintenance, operators and maintenance personnel must always observe the following points.**

**Read this manual thoroughly and understand its contents fully.**

**Read the safety messages and safety labels given in this manual carefully so that they should be understood fully.**

**Keep this manual at the storage location for the Operation and Maintenance Manual given below so that all personnel involved in working on the machine can consult it periodically.**

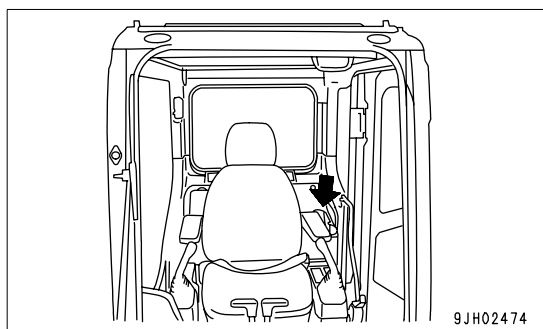
**In case this manual should be lost or damaged, immediately contact Komatsu or your Komatsu distributor to obtain a new copy.**

**When you sell the machine, make sure that this manual should be provided to the new owner together with the machine.**

**In this manual, measurements are expressed in international standard units (SI). For the reference purpose, weight units used in the past are also displayed in ( ).**

Storage location for the Operation and Maintenance Manual:

magazine 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 potential 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.



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



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



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



**When standing up from the operator's seat, always place the lock lever in the LOCK position.  
If you accidentally touch the control levers when they are not locked, this may cause a 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.