

Operation & Maintenance Manual

WEAM007700

GALEO

PC14R-2

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC14R-2 F00003 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
Utility

1.1 FOREWORD

- This manual has been compiled by Komatsu Utility S.p.A. in order to supply customers with all the necessary information on the machine and on safety regulations, as well as the use and maintenance instructions that enable the operator to exploit the capacity of the machine with optimal results and to keep the machine efficient over time.
- The operation manual, together with the spare parts catalogue, is an integral part of the machine and must accompany it, even when it is resold, until its final disposal.
- The manual must be handled with the greatest care and always kept on board the machine, so that it can be consulted at any moment; it must be placed in the appropriate compartment inside the seat support, where the registration documents and the logbook are usually kept.
- This manual must be given to the staff who have to use the machine and carry out the routine maintenance operations; they must read the contents carefully more than once, in such a way as to clearly understand what are the correct operating conditions and the dangerous conditions that must be avoided.
In case of loss or damage, request a new copy to Komatsu or your Komatsu Dealer.
- The illustrations contained in this manual may represent machine configurations available on request.
Komatsu machines are constantly improved in order to increase their efficiency and reliability; this manual sums up all the information regarding the most recent technology applied at the moment in which the machine is launched.
For any further and/or updated information, contact your Komatsu Dealer.
- Punctual periodic annotations regarding the maintenance operations that have been carried out are important, since they provide a clear report on the situation and say exactly what has been done and what has to be done after the next maintenance interval. Therefore, it is advisable to consult both the hour meter and the maintenance plan frequently.
- Over the years Komatsu Dealers have gathered considerable experience in customer service.
If more information is needed, do not hesitate to contact your Komatsu Dealer: he always knows how to get the best performance from the machine, he can recommend the equipment that is most suitable for specific needs and can provide the technical assistance necessary for any change that may be required to conform the machine to the safety standards and traffic rules.
Furthermore, Komatsu Dealers also offer assistance for the supply of Komatsu genuine spare parts, which guarantee safety and interchangeability.
- The table included in this manual must be filled in with the machine data, which are also the data that must be communicated to the Dealer when requiring assistance and ordering spare parts.



CAUTION

- **The incorrect use of the machine and inappropriate maintenance operations may cause serious injury and even death.**
 - **Operators and maintenance personnel must carefully read this manual before using the machine or performing maintenance operations.**
 - **Any serious accident that may occur during the use of the machine or during maintenance operations is due to failure to comply with the instructions given herein.**
 - **The application of the procedures and precautions described in this manual will ensure safety only provided that the machine is used correctly.**
If the machine is used for any purpose or in any way other than those described herein, the operator shall be responsible for his own safety and for the safety of any other person involved.
-

1.2 INFORMATION ON SAFETY

Many accidents are caused by insufficient knowledge of and failure to comply with the safety regulations prescribed for the maintenance operations that must be performed on the machine.

In order to avoid accidents, before starting work and before carrying out any maintenance operation, carefully read and be sure to understand all the information and warnings contained in this manual and given on the plates applied onto the machine. To enable the operator to use this machine safely, safety precautions are explained in this manual and labels and warning plates are affixed to the machine to highlight situations involving potential hazards and suggest how to avoid them.

Terminology used in the signs

The following words are used in the signs to inform the user that there is a potential hazard that may lead to personal injury or damage to property.

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

DANGER

- Indicates a situation of imminent danger that, if not avoided, may cause serious injury and even death. The use of this term must be limited to situations of extreme danger.
-

WARNING

- Indicates a situation of potential danger that, if not avoided, may cause serious injury and even death.
-

CAUTION

- Indicates a situation of potential danger that, if not avoided, may cause moderate injury. This term can also be used as a warning against dangerous interventions.
-

Other terms used in the signs

In addition to those indicated above, the following warning terms are used to recommend the precautions to be taken to protect the machine or to supply useful information.

IMPORTANT

- This term is used to indicate precautions that must be taken in order to avoid actions that may shorten the life of the machine.

NOTE

- This word is used to indicate a useful piece of information.

Komatsu cannot reasonably predict every circumstance that might involve a potential hazard during the operation or maintenance of the machine; for this reason, the safety warnings included in this manual and applied onto the machine may not include all possible safety precautions.

If all the instructions given in relation to this machine are kept to, the operators and anyone in the vicinity can work in total safety, and do not run the risk of damaging the machine. In case of doubt regarding the safety measures necessary for some procedures, contact Komatsu or your local Komatsu Dealer.

 DANGER

- Before starting any maintenance operation, position the machine on a firm and level surface, lower the equipment to the ground, engage the safety locks of the equipment and the controls, and stop the engine.
-

 DANGER

- To make the information clearer, some illustrations in this manual represent the machine without safety guards. Do not use the machine without guards and do not start the engine when the hood is open, unless this is expressly prescribed for certain maintenance operations.
-

 WARNING

- It is strictly forbidden to modify the setting of the hydraulic system safety valves; Komatsu cannot be held liable for any damage to persons, property or the machine, if this has been tampered with by modifying the standard settings of the hydraulic system.
-

 WARNING

- Before carrying out any electric welding, disconnect the battery and the alternator. (See "2.8.13 PRECAUTIONS TO BE TAKEN WHEN HANDLING THE BATTERY AND THE ALTERNATOR").
-

 WARNING

- Install only authorized optional equipment (see "6.1 AUTHORIZED OPTIONAL EQUIPMENT").
-

 DANGER

- It is absolutely forbidden to operate the machine while standing on the ground.
Every single manoeuvre must be carried out by the operator, correctly seated in driving position.
-



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