Operation & Maintenance Manual

ARTICULATED DUMP TRUCK

HM300-2

SERIAL NUMBERS 2481 and up

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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 near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE
Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.
FOREWORD

CALIFORNIA
Proposition 65 Warning
Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

CALIFORNIA
Proposition 65 Warning
Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.
BEFORE READING THIS MANUAL
This manual gives details of the operation and methods of inspection and maintenance for this machine that must be obeyed in order to use the machine safely. Most accidents are caused by the failure to follow fundamental safety rules for the operation and maintenance of machines.

Read, understand and follow all precautions and warnings in this manual and on the machine before performing operation and maintenance. Failure to do so may result in serious injury or death.

Komatsu cannot predict every circumstance that might involve a potential hazard when the machine is used. Therefore, the safety messages in this manual and on the machine may not include all possible safety precautions. If you carry out any operation, inspection, or maintenance under conditions that are not described in this manual, understand that it is your responsibility to take the necessary precautions to ensure safety. In no event should you or others engage in the prohibited uses or actions described in this manual. Improper operation and maintenance of the machine can be hazardous and could result in serious injury or death.

If you sell the machine, be sure to give this manual to the new owner together with the machine. Always keep this Operation and Maintenance Manual in the location shown on the right so that all relevant personnel can read it at any time.

Storage location for the Operation and Maintenance Manual:
On inside of left door

If this manual is lost or damaged, contact your distributor immediately to arrange for its replacement. For details regarding the machine serial No. you will need to provide your Komatsu distributor, see "TABLE TO ENTER SERIAL NO. AND DISTRIBUTOR" (PAGE 1-6).

This manual uses the international units (SI) for units of measurement. For reference, units that have been used in the past are given in ( ).

The explanations, values, and illustrations in this manual have been prepared based on the latest information available as of the date of its publication. Continuing improvements in the design of this machine may lead to additional changes that are not reflected in this manual. Consult Komatsu or your Komatsu distributor for the latest available information concerning your machine or with questions regarding information contained in this manual.

- The numbers in circles in the illustrations correspond to the numbers in ( ) in the text.
  (For example:① → (1))

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, 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.
SAFETY INFORMATION

To enable you to use the machine safely, and to prevent injury to operators, service personnel or bystanders, the precautions and warnings included in this manual and the safety signs attached to the machine must always be followed.

To identify important safety messages in the manual and on the machine labels, the following signal words are used.

The "Safety Alert Symbol" identifies important safety messages on machines, in manuals, and elsewhere. When you see this symbol, be alert to the risk of personal injury or death. Follow the instructions in the safety message.

⚠️ DANGER
This signal word indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠️ WARNING
This signal word indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠️ CAUTION
This signal word indicates a potentially hazardous situation exists which, if not avoided, may result in minor or moderate injury.

The following signal words are used to alert you to information that must be followed to avoid damage to the machine.

NOTICE
This precaution is given where the machine may be damaged or the service life reduced if the precaution is not followed.

REMARKS
This word is used for information that is useful to know.
INTENDED USE

USE OF MACHINE
This Komatsu machine is designed to be used mainly for the following work:
- Traveling with a load

DIRECTIONS OF MACHINE

In this manual, the directions of the machine (front, rear, left, right) are determined according to the view from the operator’s seat in the direction of travel (front) of the machine.

(A) FRONT  (D) RIGHT
(B) REAR  (E) OPERATOR’S SEAT
(C) LEFT

VISIBILITY FROM OPERATOR’S SEAT
This machine complies with the visibility standard (ISO 5006).
This machine maintains a close visibility of a height of 1.5 m at a point 1 m away from the outside surface of the machine, and a visibility for a circumference of 12 m.
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