

# Manitowoc 31000

## Service/Maintenance Manual





# SERVICE/MAINTENANCE MANUAL

This manual has been prepared for and is considered part of -

**31000**

Model Number

**31001Ref**

Serial Number

This Manual is divided into the following sections:

SECTION 1	INTRODUCTION
SECTION 2	HYDRAULIC SYSTEM
SECTION 3	ELECTRICAL SYSTEM
SECTION 4	BOOM
SECTION 5	HOISTS
SECTION 6	SWING SYSTEM
SECTION 7	POWER TRAIN
SECTION 8	UNDER CARRIAGE
SECTION 9	VARIABLE POSITION COUNTERWEIGHT (VPC)
SECTION 10	ACCESSORIES

## NOTICE

The serial number of the crane and its attachments (i.e. luffing jib) is the only method your Manitowoc dealer or the Manitowoc Crane Care Lattice Team has of providing you with correct parts and service information.

The serial number is located on a crane identification plate attached to the operator cab and applicable attachments. Refer to the Nameplate and Decal Assembly Drawing in Section 3 of The Operator Manual manual for the exact location of the crane identification plates.

**Always furnish serial number of crane and its attachments** when ordering parts or discussing service problems with your Manitowoc dealer or the Manitowoc Crane Care Lattice Team.



## **WARNING**

### **Avoid unsafe operation and maintenance!**

- The crane and its attachments shall be operated and maintained by trained and experienced personnel. Manitowoc is not responsible for qualifying these personnel.
- Do not operate or work on the crane or its attachments without first reading and understanding the instructions contained in:
  - The Operator Information Manual and the Service Manual supplied with crane.
  - The Operator Information Manual supplied with the attachments.
- Store the Operator Information Manuals and the Service Manual in the operator cab.

If any manual is missing from the cab, contact your Manitowoc dealer for a new one.

***THE ORIGINAL LANGUAGE OF THIS PUBLICATION IS ENGLISH***

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