

OPERATION MANUAL

Robex 35-7

SER. NO. HY3570001~



INTRODUCTION

▲ WARNING

Read this manual carefully before operating the machine to ensure safe and optimum running conditions. If you do not understand any of the points in the manual, or the machine breaks down, contact your dealer. In particular, attention needs to be paid to the following points.

- Read this operation manual if you have any questions or doubts on any point to ensure proper and safety excavator operation.
- Keep this operation manual in the excavator at any time to ensure readily access to it in case a need for it arises.
- Be sure to hand over this operation manual to the new owner if the ownership of the excavator is to be transferred.
- Make every possible effort to ensure proper and safety operation of the excavator.

- Note that a portion of the contents of this instruction manual may differ from the excavator you have purchased, which is mainly due to the improvements adopted for it.
- Consult our marketing staff if you have any questions or comments on this operation manual.

HOW TO USE THE OPERATION MANUAL

Read this manual carefully before operating the machine.
This chapter describes the marks in the operation manual.

Symbols:

DANGER

This symbol shows an immediate hazard that will cause death or severe injury if the instruction is not observed.

WARNING

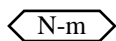
This symbol shows a hazard that can cause death or severe injury if the instruction is not observed.

CAUTION

This symbol shows a hazard that can cause injury of machine damage if the instruction is not observed.

IMPORTANT

This symbol shows a hazard that can cause damages to the excavator or reduce its service life if the instruction is not observed.



This symbol shows the tightening torque for a given bolt that needs to be strictly observed during the assembly.



This symbol shows related matters or the referring page.



This symbol shows the amount of grease or oil that needs to be filled.

- If you notice any ambiguous points in this manual, consult your dealer.
- The descriptions and figures in this operation manual may not coincide with the machine due to changes in the specifications.



CONTENTS

OPERATION

Safety Decals	1
Basic Precautions on Safety	3
Safety Precautionary Notes before Start	4
Safety Precautions during Operation	6
Safety Precautions during Inspection and Maintenance	15
Safety Post Operational Caution	18
Part Names	19
Explanation of Each Device	21
Operation	28
Operational Precautions	32
Transporting by Truck	39
Machine Traction	41
How to Hoist a Machine	42
Cold Weather or During-Winter Operations	44
Long-Period Storage	46

INSPECTION AND MAINTENANCE

Ordering Parts and Servicing Guidelines	47
Inspections	48
Maintenance after the First 50 Service Hours (New Machine)	53
Maintenance after the First 100 Service Hours (New Machine)	54
Maintenance Every 50 Service Hours	55
Maintenance Every 100 Service Hours	57
Maintenance Every 250 Service Hours	58
Maintenance Every 500 Service Hours	59
Maintenance Every 1000 Service Hours	61
To Pressurize	62
Inspection and Maintenance Procedures	64
Periodical Inspections and Maintenance List	70
Lubricants	72

OTHERS

Dimensions and Specifications	76
PTO Flow	78
Lifting Capacities	79
Hydraulic Circuit	82
Electric Circuit	83
Consumables List	84

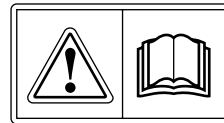
OPERATION

SAFETY DECALS

Explanations

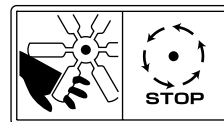
Caution:

Read the Operation and Service Manual *before* operating the machine to avoid risk of injury.



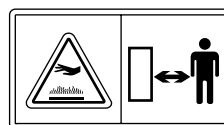
Danger:

Make sure the engine is stopped before working of any part of the engine compartment to avoid risk of injury.



Caution: Hot surfaces

Keep hands and arms away from hot surfaces.



Danger: Stay clear of the rear of the machine

Keep a safe distance from turning radius of the machine to avoid risk of injury.



Danger: Stay clear of the working equipment

Keep a safe distance from turning radius of the boom, arm, bucket and any other lifting equipment to avoid risk of injury.



TAKE CARE OF THE CONDITIONS OF THE SAFETY AND WARNING LABELS

- (1) Keep the safety and warning labels clean and legible.
- (2) Wash the labels with soap and water and dry with a soft cloth.
- (3) Replace damaged and lost labels with original stickers from your dealer.
- (4) Should a part with safety and warning labels be replaced with a new part, make sure that the new part has the same labels.
- (5) When replacing labels, make sure that underground is clean, dry and free from oil and grease.
Press air bubbles toward the outside edges.

LOCATION OF SAFETY DECALS

