## **Operation & Maintenance Manual**

HYDRAULIC EXCAVATOR

PC750 -7 PC750LC-7 PC750SE-7 PC800 -7 PC800SE-7

**SERIAL NUMBERS** 

PC750-20072 PC800-40069

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



## **CONTENTS**

FOREWORD	1-	1
FOREWORD	1-	2
SAFETY INFORMATION	1-	5
INTRODUCTION	1-	7
DIRECTIONS OF MACHINE	1-	7
BREAKING-IN THE NEW MACHINE	1-	7
PRODUCT INFORMATION	1-	8
MACHINE SERIAL NUMBER PLATE AND ITS LOCATION	1-	8
ENGINE SERIAL NUMBER PLATE AND ITS LOCATION	1-	8
SERVICE METER LOCATION	1-	9
YOUR MACHINE SERIAL NUMBERS AND DISTRIBUTOR	1-	9
SAFETY	2-	1
SAFETY	2-	2
SAFETY LABELS	2-	4
LOCATION OF SAFETY LABELS	2-	5
SAFETY LABELS	2-	6
GENERAL PRECAUTIONS	2-	12
SAFETY MACHINE OPERATION	2-	20
STARTING ENGINE	2-	20
OPERATION	2-	22
TRANSPORTATION		28
BATTERY	2-	29
TOWING	2-	31
LIFTING OBJECTS WITH BUCKET	2-	32
SAFETY MAINTENANCE INFORMATION	2-	33
OPERATION	_	1
MACHINE VIEW ILLUSTRATIONS	3-	2
OVERALL MACHINE VIEW	_	2
CONTROLS AND GAUGES	_	3
DETAILED CONTROLS AND GAUGES		5
MONITORING SYSTEM	3-	5
SWITCHES		28
CONTROL LEVERS AND PEDALS	3-	35
SUN ROOF	3-	38
WINDSHIELD		39
EMERGENCY EXIT FROM OPERATOR'S CAB		44
DOOR LOCK	_	44
CAP WITH LOCK		45
HOT AND COOL BOX		46
MAGAZINE BOX		46
ASHTRAY	_	47
AIR CONDITIONER CONTROLS		48
RADIO		62
AUXILIARY ELECTRIC POWER	_	71
FUSE		72
CIRCUIT BREAKER	_	73
CONTROLLER		74
TOOL BOX		74
GREASE PUMP	კ-	75

ACCUMULATOR	3 <b>-</b>
MACHINE OPERATIONS AND CONTROLS	3 <b>-</b>
BEFORE STARTING ENGINE	
STARTING ENGINE	
AFTER STARTING ENGINE	
STOPPING THE ENGINE	
MACHINE OPERATION	
STEERING THE MACHINE	
SWINGING	
WORK EQUIPMENT CONTROLS AND OPERATIONS	
WORKING MODE	
PROHIBITED OPERATIONS	_
GENERAL OPERATION INFORMATION	
TRAVELING ON SLOPES	
ESCAPE FROM MUD	_
RECOMMENDED APPLICATIONS	
BUCKET REPLACEMENT	
PARKING MACHINE	_
CHECK AFTER SHUT OFF ENGINE	
LOCKING	
TRANSPORTATION	• •
PRECAUTIONS FOR TRANSPORTATION	
LIFTING MACHINE	
SHIPPING MACHINE INFORMATION	_
TRANSPORTATION POSTURE	
PROCEDURE FOR INCREASING OR REDUCING TRACK FRAME GAUGE	
COLD WEATHER OPERATION	
COLD WEATHER OPERATIONCOLD WEATHER OPERATION INFORMATION	
AFTER DAILY WORK COMPLETION	
AFTER COLD WEATHER SEASON	
LONG TERM STORAGE	
BEFORE STORAGE	
DURING STORAGE	
AFTER STORAGE	=
STARTING MACHINE AFTER LONG-TERM STORAGE	
TROUBLES AND ACTIONS	
RUNNING OUT OF FUEL	
PHENOMENA THAT ARE NOT FAILURES	
TOWING THE MACHINE	<u> </u>
SEVERE JOB CONDITION	
DISCHARGED BATTERY	
OTHER TROUBLE	
MAINTENANCE	
MAINTENANCE INFORMATION	
OUTLINE OF SERVICE	
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC	
ELECTRIC SYSTEM MAINTENANCE	
WEAR PARTS	
WEAR PARTS LIST	
LUBRICANTS, FUEL AND COOLANT SPECIFICATIONS	4 <del>-</del>