

**Operation & Maintenance
Manual**

SEAM02070501

**PC300-5
PC300LC-5
HYDRAULIC EXCAVATOR**

SERIAL NUMBERS **PC300-5** :20001 and up
PC300LC-5 :20001

KOMATSU

CONTENTS

OPERATION

GENERAL LOCATIONS AND SPECIFICATIONS	4
INSTRUMENTS AND CONTROLS	6
METHOD OF USING MODE SELECTOR SWITCHES	46
CHECK BEFORE STARTING	50
OPERATING YOUR MACHINE	56
INVERSION AND REPLACEMENT OF BUCKET	78
HANDLING THE TRAPEZOIDAL BUCKET	80
HANDLING THE CLAMSHELL BUCKET	80
SELECTION OF TRACK SHOES	82
SELECTION OF BUCKET TEETH	84
TRANSPORTATION	85
INSTALLATION OF OPTIONAL ELECTRICAL EQUIPMENT	90
COLD WEATHER OPERATION	92

MAINTENANCE

PERIODIC MAINTENANCE	101
PRECAUTIONS WHEN DISASSEMBLING MACHINE	102
BLEEDING AIR FROM CIRCUIT	104
PERIODICAL REPLACEMENT OF SAFETY PARTS	108
MAINTENANCE TABLE	112
OIL FILLER AND LEVEL GAUGE POSITIONS	116
EVERY 100 HOURS SERVICE	118
INITIAL 250 HOURS SERVICE	122
EVERY 250 HOURS SERVICE	124
EVERY 500 HOURS SERVICE	132
EVERY 1000 HOURS SERVICE	136
EVERY 2000 HOURS SERVICE	140
EVERY 4000 HOURS SERVICE	145
WHEN REQUIRED	146
ADJUSTMENT	164
TROUBLE SHOOTING GUIDE	166
SERVICE METER	176
MACHINE AND ENGINE SERIAL NUMBERS	178
FUEL, COOLANT AND LUBRICANTS	180