

Operation & Maintenance Manual

PC100-6 PC120-6 PC130-6 MIGHTY

HYDRAULIC EXCAVATOR

	PC100-6	:40001	
SERIAL NUMBERS	PC120-6	:45001	and up
	PC130-6	:45001	

KOMATSU

5. CONTENTS

1. Foreword	0- 1
2. Safety information	0- 2
3. Introduction	0- 3
4. Location of plates, table to enter serial No. and distributor	0- 4

SAFETY

6. General precautions	1- 2
7. Precautions during operation	1- 8
7.1 Before starting engine	1- 8
7.2 Operating machine	1-10
7.3 Transportation	1-15
7.4 Battery	1-16
7.5 Towing	1-17
7.6 Bucket with hook	1-18
8. Precautions for maintenance	1-21
8.1 Before carrying out maintenance	1-21
8.2 During maintenance	1-24
9. Position for attaching safety labels	1-28

OPERATION

10. General view	2- 2
10.1 General view of machine	2- 2
10.2 General view of controls and gauges	2- 2
11. Explanation of components	2- 4
11.1 Machine monitor	2- 4
11.2 Meter	2-15
11.3 Switches	2-16
11.4 Control levers, pedals	2-21
11.5 Ceiling window	2-26
11.6 Front window	2-27
11.7 Door lock	2-29
11.8 Cap, cover with lock	2-30
11.9 Hot / Cool box	2-31
11.10 Luggage box	2-31
11.11 Ashtray	2-31
11.12 Air conditioner	2-32
11.13 Car radio	2-35
11.14 Fuse	2-39
11.15 Fusible link	2-40
11.16 Controllers	2-40
11.17 Tool box	2-40
11.18 Grease pump holder	2-40

12. Operation	2-41
12.1 Check before starting engine	2-41
12.2 Starting engine	2-51
12.3 Operations and checks after starting engine	2-54
12.4 Moving machine off	2-60
12.5 Steering machine	2-63
12.6 Stopping machine	2-65
12.7 Swinging	2-66
12.8 Operation of work equipment	2-67
12.9 Working mode selection	2-68
12.10 Prohibitions for operation	2-70
12.11 Precautions for operation	2-72
12.12 Precautions when traveling up or down hills	2-73
12.13 How to escape from mud	2-75
12.14 Work possible using hydraulic excavator	2-76
12.15 Replacement and inversion of bucket	2-77
12.16 Parking machine	2-79
12.17 Check after finishing work	2-80
12.18 Stopping engine	2-81
12.19 Check after stopping engine	2-82
12.20 Locking	2-82
13. Transportation	2-83
13.1 Loading, unloading work	2-83
13.2 Precautions for loading	2-85
13.3 Precautions for transportation	2-86
14. Cold weather operation	2-88
14.1 Precautions for low temperature	2-88
14.2 Precautions after completion of work	2-90
14.3 After cold weather	2-90
15. Long-term storage	2-91
15.1 Before storage	2-91
15.2 During storage	2-92
15.3 After storage	2-92
15.4 Starting machine after long-term storage	2-92
16. Troubleshooting	2-93
16.1 Phenomena that are not failures	2-93
16.2 Method of towing machine	2-93
16.3 Using method for light-weight towing hook	2-93
16.4 Precautions on particular jobsites	2-94
16.5 If battery is discharged	2-94
16.6 Other trouble	2-98