UEAM000602

Operation & Maintenance Manual

PC130-6K
PC150LGP-6K

HYDRAULIC EXCAVATOR

SERIAL NUMBER
PC130-6K - K30001 and up
PC150LGP-6K - K35001 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.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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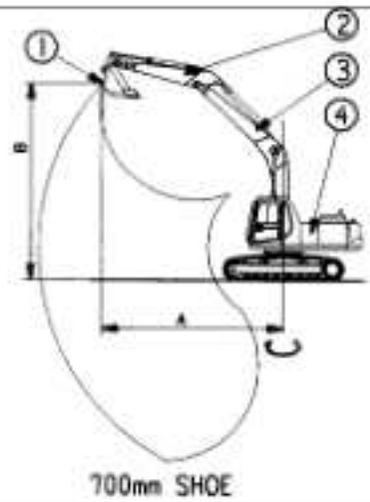
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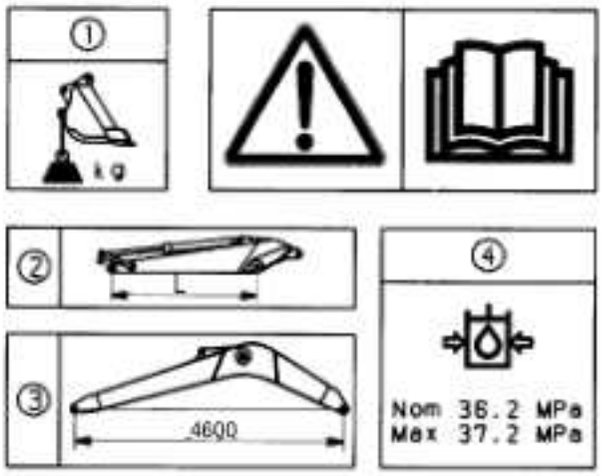
9.1 LIFTING CAPACITIES

One piece boom.

Arm lengths as stated. When removing bucket, linkage or cylinder lifting capacities can be increased by their respective weights.

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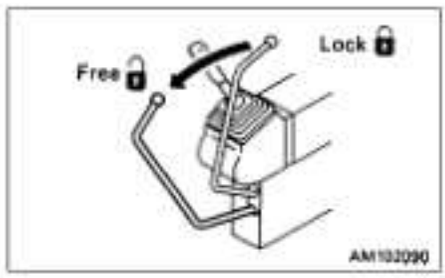
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F	A / B	kg											
		MAX		7.0m		6.0m		4.5m		3.0m		1.5m	
3.0m	6.0m	•1500	•1500			•2350	2250						
	4.5m	•1350	•1350	2100	1650	•2750	2250						
	3.0m	•1350	1350	2050	1650	2750	2200	•3450	•3450				
	1.5m	•1450	1250	2000	1550	2600	2050	4250	3300	•6850	6250		
	0.0m	•1600	1250	1900	1500	2500	1950	3950	3050	7950	5650		
	-1.5m	1750	1350	1900	1450	2400	1850	3800	2900	7700	5450	•3850	•3850
	-3.0m	2150	1850			2400	1850	3800	2900	7750	5500	•6400	•6400
	-4.5m	•3150	2450					3900	3000	•6400	5650	•10250	•10250
2.5m	6.0m	•1800	•1800										
	4.5m	•1700	•1700			2800	2250	•3150	•3150				
	3.0m	•1700	1550	2050	1650	2750	2200	•3950	3550	•5150	•5150		
	1.5m	•1800	1450	2000	1800	2650	2100	4200	3300	•7850	6150		
	0.0m	1850	1450	1950	1550	2550	2000	3900	3000	•7550	5700		
	-1.5m	2050	1800			2500	1950	3900	3000	7900	5600	•4400	•4400
	-3.0m	2600	2050					3850	2950	7950	5700	•7600	•7600
	-4.5m	•3300	•3300							•5400	•5400		
2.1m	6.0m	•2250	•2250					•3350	•3350				
	4.5m	•2050	2000			2750	2200	•3500	•3500				
	3.0m	•2050	1700			2700	2150	•4300	3450	•5900	•5900		
	1.5m	2000	1550	2000	1600	2600	2050	4150	3250	8350	6000		
	0.0m	2000	1600			2500	2000	3950	3050	•6800	5650		
	-1.5m	2250	1800			2500	1950	3900	3000	7900	5600	•4750	•4750
	-3.0m	2950	2350					3900	3000	•7400	5750	•8800	•8800
	-4.5m												

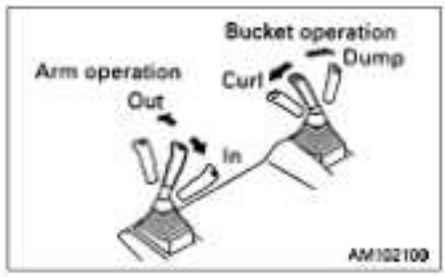
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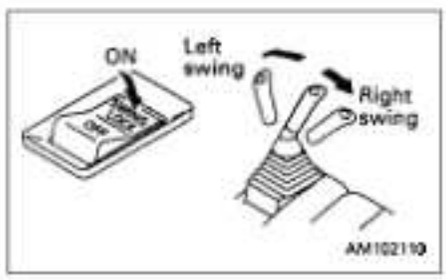
3. Set the safety lock lever ③ to the FREE position and raise the bucket from the ground.



4. Operate bucket control lever ④ and arm control lever ⑤ slowly to move the bucket cylinder and arm cylinder to the end of the stroke.



5. Carry out bucket and arm operation for 5 minutes at full stroke, alternating between bucket operation and arm operation at 30 seconds intervals.
If the swing lock switch ⑥ is set to the ON (actuated) position and swing control lever ⑦ is operated at full stroke, oil temperaturerise can be increased earlier.

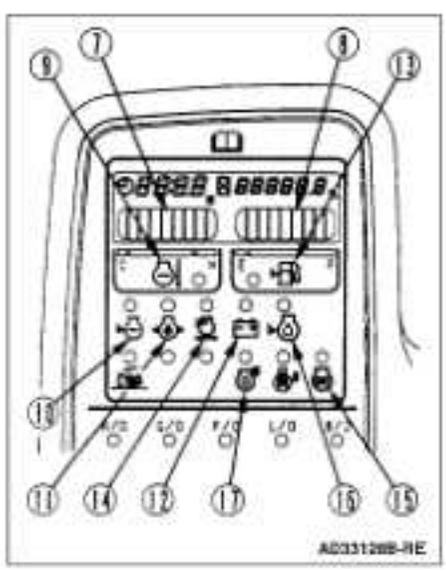


NOTICE

When the work equipment is retracted, take care that it does not interfere with the machine body or ground.

6. After carrying out the warming-up operation, check that each gauge and monitor lamp is in the following condition.

- Engine water temperature gauge ⑦: Inside green range
- Fuel gauge ⑧: Inside green range
- Engine water temperature monitor ⑨: OUT
- Radiator water level monitor ⑩: OUT
- Engine oil pressure monitor ⑪: OUT
- Charge level monitor ⑫: OUT
- Fuel level monitor ⑬: OUT
- Air cleaner clogging monitor ⑭: OUT
- Engine pre-heating monitor ⑮: OUT
- Engine oil level monitor ⑯: OUT
- Replacement of engine oil monitor ⑰: OUT



7. Check that there is no abnormal exhaust gas color, noise or vibration.
If any abnormality is found, repair it.

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24. SERVICE PROCEDURE

24.1 INITIAL 250 HOURS SERVICE

Carry out the following maintenance only after the first 250 hours.

- **REPLACE FUEL FILTER CARTRIDGE AND ADDITIONAL FUEL FILTER CARTRIDGE (MACHINES EQUIPPED WITH ADDITIONAL FUEL FILTER)**
- **CHECK ENGINE VALVE CLEARANCE, ADJUST**

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS and 2000 HOURS SERVICE.

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