UEAM000905

Operation & Maintenance Manual

PW130ES-6K

HYDRAULIC EXCAVATOR

SERIAL NUMBER
PW130ES-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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under-carriage	B	A	Max		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	
			OF	OS	OF	OS	OF	OS	OF	OS	OF	OS	OF	OS
Blade+ rear outrigger	7.5 m	kg	* 2800	* 2800										
	6.0 m	kg	* 2300	* 2300					* 3450	* 3450				
	4.5 m	kg	* 2150	* 2150			* 3550	2950	* 3800	* 3800				
	3.0 m	kg	* 2200	* 2200			* 3850	2900	* 4700	* 4700	* 6750	* 6750		
	1.5 m	kg	* 2350	2150			* 4000	2800	*5850	4450	* 7400	* 7400		
	0.0 m	kg	* 2700	2250			3950	2700	* 6150	4250	* 7550	* 7550		
	-1.5 m	kg	* 3400	2600			3900	2700	* 6000	4200	* 8950	8650	* 5800	* 5800
	-3.0 m	kg	* 3850	3550					* 4800	4300	* 7200	* 7200		
Rear outrigger	7.5 m	kg	* 2800	* 2800										
	6.0 m	kg	* 2300	* 2300					* 3450	* 3450				
	4.5 m	kg	* 2150	* 2150			* 3550	2450	* 3800	* 3800				
	3.0 m	kg	* 2200	1850			* 3700	2400	* 4700	3900	* 6750	* 6750		
	1.5 m	kg	* 2350	1750			3800	2300	* 5650	3650	* 7400	7050		
	0.0 m	kg	* 2700	1850			3550	2550	5700	3500	* 7550	6800		
	-1.5 m	kg	3350	2150			3500	2250	5650	3450	* 8950	6800	* 5800	* 5800
	-3.0 m	kg	* 3850	2900					* 4800	3550	* 7200	6950		
Without stabilizer	7.5 m	kg	* 2800	* 2800										
	6.0 m	kg	* 2300	1800					* 3450	2750				
	4.5 m	kg	* 2150	1350			3050	1600	* 3800	2700				
	3.0 m	kg	* 2200	1150			3000	1550	* 4700	2700	* 6750	4750		
	1.5 m	kg	2200	1100			2900	1450	4650	2300	* 7400	4200		
	0.0 m	kg	2300	1100			2800	1400	4500	2150	* 7550	3950		
	-1.5 m	kg	2650	1300			2800	1350	4550	2100	* 8950	3950	* 5800	* 5800
	-3.0 m	kg	3700	1850					4550	2200	* 7200	4100		

.Note for lift capacity tables:
1. Ratings are based on ISO 10567
2. Lifting capacities are given for:
   a) 75% of tipping load
   b) rated hydraulic lift capacity 87% of max.
3. Capacities marked with an asterisk (*) are limited by hydraulic capacities

ONE PIECE BOOM Arm length 2,50 m

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

A - Reach from swing center

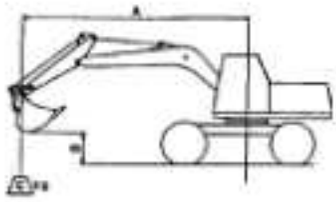
B - Bucket hook height

C - Lifting capacities, including bucket (462 kg), linkage (84 kg) and bucket cylinder (92 kg)

OF: Lifting capacity (rating overfront)
OS: Lifting capacity (Rating overside)

- Rating over rear

- Rating over side or 360 degrees



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3. TEMPERATURE CONTROL SWITCH

This switch continuously adjusts the temperature between high and low.

Purpose	To low temperature	To high temperature
Switch	 AN113810	 AN113820
	 AA30813C	
	Blue range indicates low temperature and red range high temperature. The range is divided into eight steps, each of which is continuously adjustable	

4. AIR FLOW SELECTOR SWITCH

This switch adjusts air flow in three steps.

Purpose	To "Low"	To "intermediate"	To "High"
Switch	 AN113840	 AN113850	 AN113860

5. AIR CONDITIONER SWITCH 

This is used to switch the air conditioner ON/OFF.

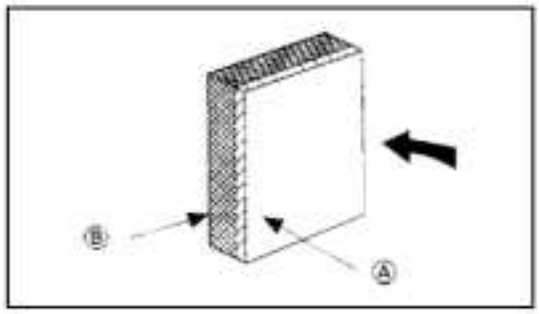
6. OFF SWITCH 

This switch is use to stop the fan.

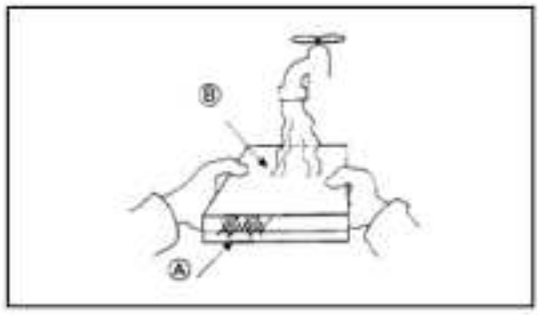
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Rinse filter with clean water from the fine filter side.

4. Dry filter, compressed air may be used, but apply air from fine filter side.



5. Refit filter element ensuring coarse filter side is facing outwards.

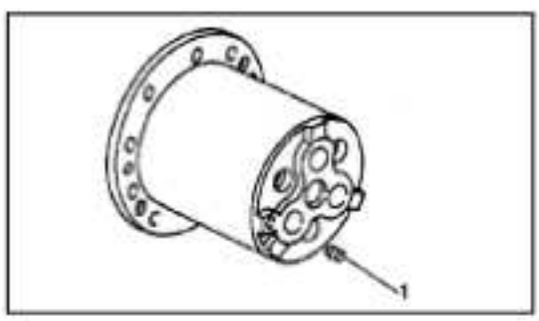


NOTICE

The normal cleaning interval is 100 hours, however if the machine is used in a dusty environment, shorten this interval.

EVERY 250 HOURS SERVICE

CHECK OIL LEVEL IN WHEEL HUBS, ADD OIL



- Prepare a hexagonal wrench

1. Set so that plug (1) is at the horizontal position.
2. Remove plug.
3. If no oil emerges, turn hub so that hole is at the top and add oil.
4. Turn hub so that hole is horizontal.
5. Repeat steps 3 and 4.

   For details of the oil to use see "USE FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE" on page 177.

6. After checking, install plug (1).

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