Operation & Maintenance Manual

VEAM946100

WA470-6

WHEEL LOADER

SERIAL NUMBERS H50051 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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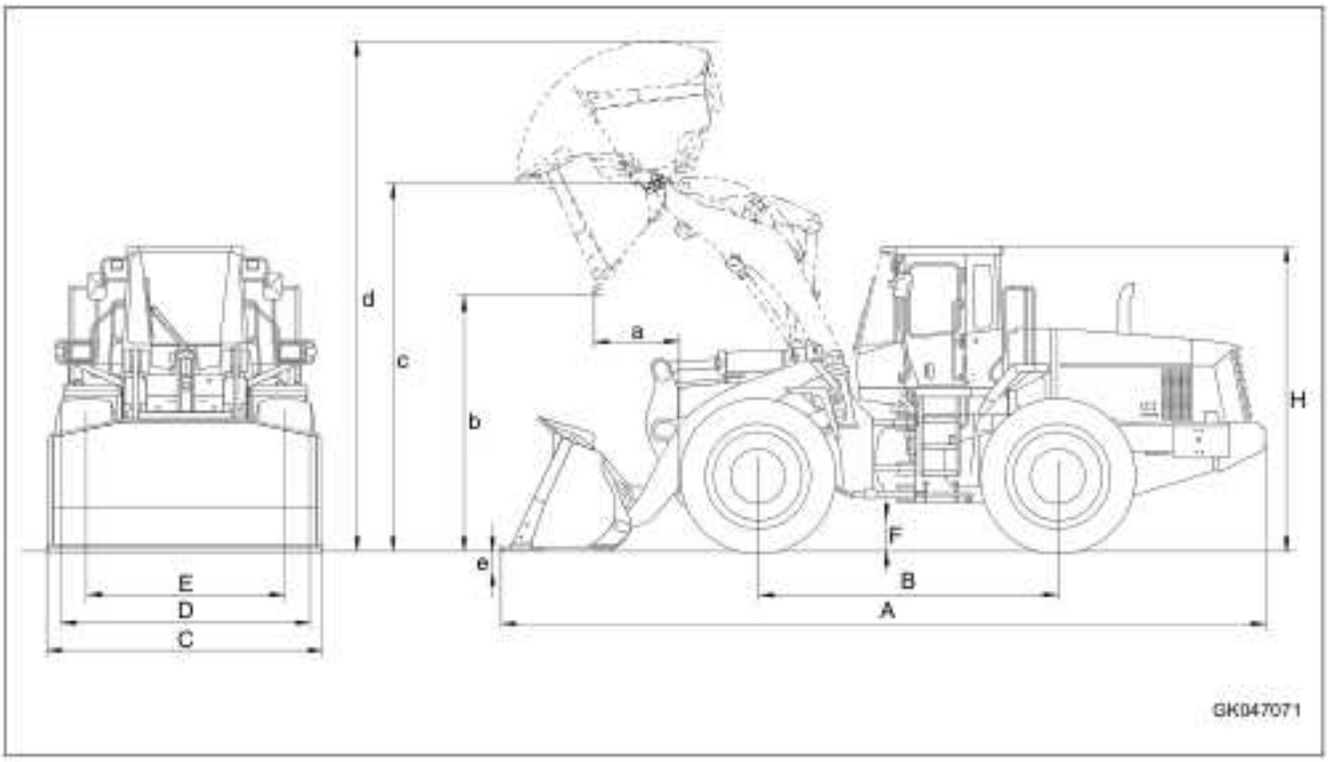
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1.6 Dimensions, weights and operating data

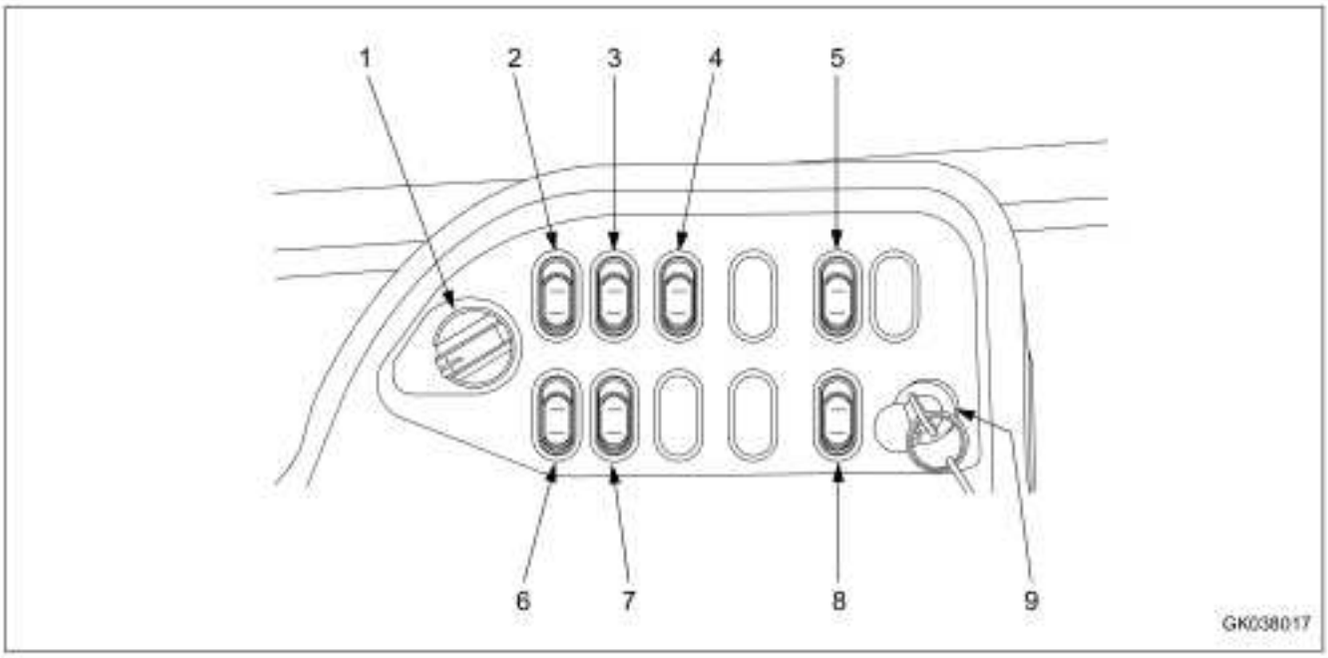
1.6.1 WA470-6H: Dimensions, weights and operating data



	Measurements, operating data			
	Bucket capacity to ISO 7546	m³	4.1	without teeth and without BOC
	Material density	t/m³	1.8	
	Bucket weight without teeth	kg	1,860	
	Static tipping load, straight	kg	18,710	
	Static tipping load, 35° angle	kg	16,720	
	Breakout force, effective	kN	186	
	Lifting capacity, effective, on ground	kN	203	
	Operating weight *)	kg	22,910	
a	Reach at 45° discharge	mm	1,280	
b	Dumping height at 45° discharge	mm	3,085	
c	Lift height, hinge pin	mm	4,335	
d	Height to upper edge of bucket	mm	5,975	
e	Digging depth	mm	125	
A	Overall length, bucket on ground	mm	8,970	
B	Wheel base	mm	3,450	
C	Bucket width	mm	2990	
D	Width over tyres	mm	2,915	These values refer to machines with 26-5R25
E	Gauge	mm	2,240	
F	Ground clearance	mm	565	*) Machine without additional counterweight
H	Overall height	mm	3,470	

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Right switch panel



(1) Transmission shift mode selector switch
(2) Transmission cut-off switch
(3) Transmission cut-off set switch
(4) Directional selector switch actuation switch
(5) Emergency steering switch
(6) Engine power mode selector switch
(7) Torque converter lock-up switch (Option)
(8) Cooling fan reverse rotation switch
(9) Starting switch

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4.9 Service procedure

4.9.1 Initial 50 hours service (only after the first 50 hours)

Carry out the following maintenance only after the first 50 hours.

Check for loose wheel hub bolts, tighten

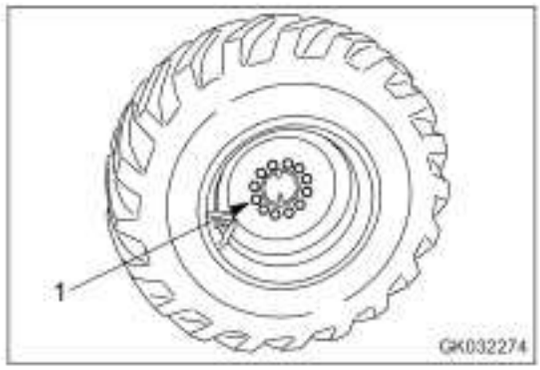
If wheel hub nuts (1) are loose, tire wear will be increased and may cause accidents.

1. Check for loose nuts, and tighten if necessary.

   When checking for loose nuts, always turn the nuts in the direction of tightening to check.

   Tightening torque: 927 ± 103 Nm

2. If any stud bolt is broken, replace all the stud bolts for that wheel.



4.9.2 Initial 250 hours service (only after the first 250 hours)

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

Replace transmission oil filter cartridge

For details see "Change oil in transmission case and transmission oil filter cartridge, clean strainer (4-74)".

Replace hydraulic tank filter element

For details see "Change oil in hydraulic tank, replace hydraulic filter element (4-77)".

4.9.3 Initial 1000 hours service (only after the first 1000 hours)

Carry out the following maintenance only after the first 1000 hours.

Check engine valve clearance, adjust

For details see "Check alternator (4-85)".

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