Operation & Maintenance Manual

VEAM320200

WA70-5

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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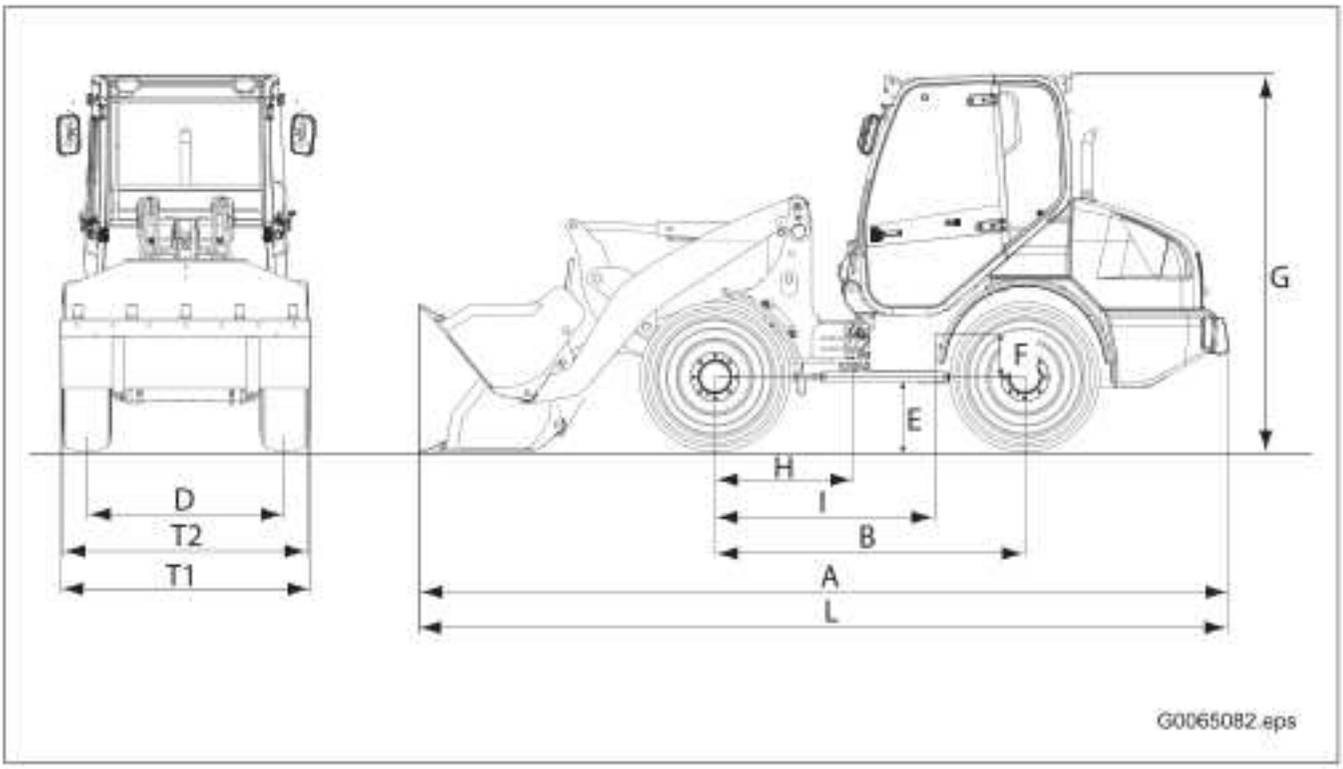
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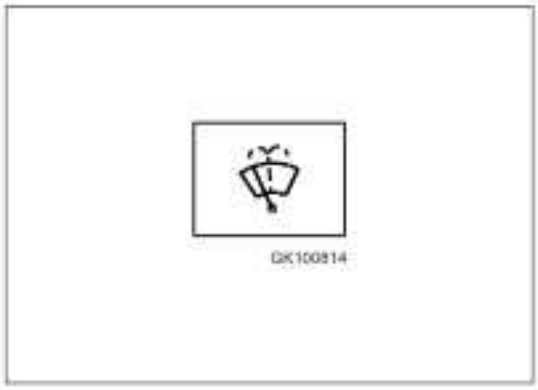
1.9. Dimensions, weights and operating data



Dimensions, weights and operating data						
	Bucket capacity to ISO 7546	0,85	m³	30.017	cuft	
	Material density	1,8	t/m³	3.033	pound/cubic yard	
	Static tipping load, straight	3700	kg	8157	pound	
	Static tipping load, 40° angle	3140	kg	6922	pound	
	Working load without CTW	1900	kg	4188	pound	
	Working load with CTW	2100	kg	4629	pound	
	Breakout force, hydraulic	40,6	kN	40.6	kN	
	Lifting capacity, hydraulic, on ground	41,10	kN	41.10	kN	
	Operating weight	4820	kg	10626	pound	
	Turning radius over bucket	4175	mm	13' 7"	ft. in.	
L	Bucket length in transport position	5250	mm	17' 3"	ft. in.	
A	Bucket length during planing	5320	mm	17' 5"	ft. in.	
T1	Width with bucket	1800	mm	5' 9"	ft. in.	
T2	Width without bucket (above wheels)	-	mm	-	ft. in.	
G	Height, including ROPS	2470	mm	8' 1"	ft. in.	
D	Track	1360	mm	4' 5"	ft. in.	
B	Width over tyres	2050	mm	6' 8"	ft. in.	These values refer to machines with 12.5 - 18 tires
H	Distance articulated steer. - front axle	1025	mm	3' 4"	ft. in.	
E	Ground clearance, axle /transfer gear ground clearance, cardan shaft	305 425	mm mm	12" 1' 4"	ft. in. ft. in.	
F	Centre of gravity, height above axle centre	-	mm	-	ft. in.	CTW = additional counterweight
I	Centre of gravity, distance to front axle	-	mm	-	ft. in.	

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3. Switch of rear windscreen wiper and washer

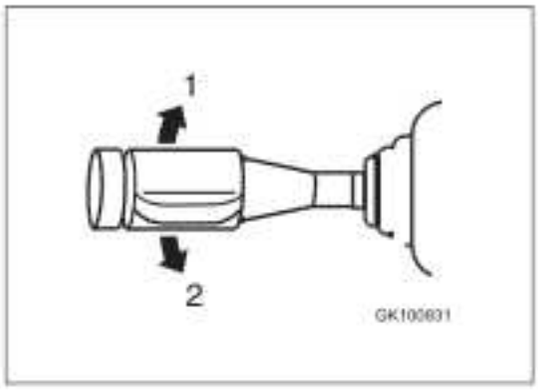


This switch is used to switch on/off the rear windscreen wiper and washer.

The switch has two switching stages:

- Switching stage '1' locks in permanently and is used to switch on/off the windscreen wiper.
- If you hold the switch pressed in switching stage '2', the windscreen washer is only operated for the time you keep the switch pressed.

4. Direction indicator lever



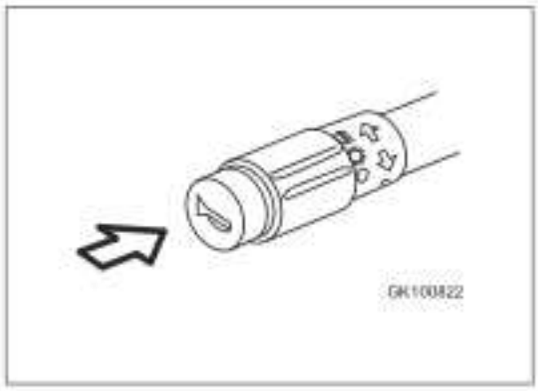
The direction indicator lever is used to switch on/off the direction indicators.

Indicate right turn = Press direction indicator lever to the front (1)

Indicate left turn = Draw direction indicator lever to the back (2)

After you have passed the bend, the direction indicator lever automatically returns to its home position and the direction indicator will be switched off.

5. Horn button



The horn sounds when you press the horn button.

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5.7.12. Maintenance every 4000 operating hours

All maintenance operations to be performed after 10, 50, 100, 250, 500, 1000 and 2000 hours of operation also fall into this maintenance category.

Lubrication, universal joint

⚠ DANGER

I If you perform maintenance tasks on a machine that is not properly parked and secured, there is danger of severe accidents!

- **Park the machine on hard, level ground and secure the machine before you start with the maintenance tasks.**

1. For maintenance tasks, park and secure the machine as described in chapter "5.1. Maintenance guide" on page 5-2.
2. Unscrew the sealing plug (arrow) from the cardan shaft.
3. Screw a grease nipple (1) into the cardan shaft.
4. Lubricate the cardan shaft with special grease (2), until grease escapes at the bearings.
5. Remove the grease that escaped at the bearings.
6. Unscrew the grease nipple from the cardan shaft.
7. Screw the sealing plug back in and pull it tight.
8. Perform this maintenance task at the front and rear of the cardan shaft.



NOTE

Only "Staburags NBU 12/300 KP" special grease may be used for maintenance. Using different grease will reduce the life span of the cardan shaft.

Pos.	Name	Order number
1	Grease nipple	42Y-00-H3040
2	Grease	42S-09-H1030

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