# Operation & Maintenance Manual

VEAM250200

# WA65-5

## WHEEL LOADER

SERIAL NUMBER 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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# 1.8. Table of contents


## 1. Introduction ..... 1-1

**1.1. Product publications information** ..... **1-2**

**1.2. Foreword** ..... **1-4**

EU Directives ..... 1-5

**1.3. Safety information** ..... **1-7**

**1.4. Introduction** ..... **1-9**

1.4.1. Intended use ..... 1-9

1.4.2. Breaking-in the machine ..... 1-10

**1.5. Location of plates** ..... **1-11**

1.5.1. Machine identification plate **(PIN)** ..... **1-11**

1.5.2. Engine name-plate ..... 1-11

1.5.3. Axle serial no. plate ..... 1-12

1.5.4. Transmission serial no. plate ..... 1-12

1.5.5. ROPS/FOPS-Cab serial no. plate ..... 1-12

1.5.6. Seat operator serial no. plate ..... 1-13

1.5.7. Table to enter serial no. and distributor ..... **1-13**

**1.6. Emission control warranty** ..... **1-14**

1.6.1. Emission control warranty statement (Applies to Canada only) ..... 1-14

**1.7. Garantie sur le contrôle des émissions** ..... **1-15**

1.7.1. Énoncé de garantie sur le contrôle des émissions (applicable au Canada seulement) ..... 1-15

**1.8. Table of contents** ..... **1-16**

**1.9. Dimensions, weights and operating data** ..... **1-23**

**1.10.CE-conforming equipment** ..... **1-24**

1.10.1. CE-conforming equipment – part 1 ..... 1-24

1.10.2. CE-conforming equipment – part 2 ..... 1-24

1.10.3. Manufacturer-supplied CE-conforming equipment, according to document 42T-93-21080 ..... 1-25

**1.11.Loading and securing** ..... **1-28**

## 2. Safety ..... 2-1

**2.1. General safety measures** ..... **2-2**

2.1.1. Safety instructions ..... 2-2

2.1.2. Safety devices ..... 2-2

2.1.3. Emergency exit ..... 2-2

2.1.4. Clothing and personal protection ..... 2-3

2.1.5. Machine modifications ..... 2-3

2.1.6. Before you leave the driver's seat ..... 2-3

2.1.7. Mounting and dismounting ..... 2-4




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2.1.8. Fire prevention and fire fighting ..... 2-4
2.1.9. Protection against asbestos dust ..... 2-5
2.1.10. Protection against injuries ..... 2-5
2.1.11. Working at high temperatures ..... 2-6
2.1.12. Roll-over protection system (ROPS) ..... 2-6
2.1.13. Attachment for protection against falling objects (FOPS) ..... 2-6
2.1.14. Attachments ..... 2-7
2.1.15. Battery ..... 2-7

**2.2. Safety precautions during operation ..... 2-8**
2.2.1. Prior to daily starting up ..... 2-8
Workplace safety ..... 2-8
In the driver's cab ..... 2-8
Indoor operation ..... 2-9
Gas, dust, and inflammable vapours ..... 2-9
Mirrors, windows and lighting ..... 2-9
2.2.2. Machine operation ..... 2-10
Before you start the engine ..... 2-10
Reversing ..... 2-10
Driving ..... 2-11
Driving on slopes ..... 2-11
Emergency Lowering System ..... 2-12
Working close to power lines ..... 2-13
Loading ..... 2-14
Good Vision ..... 2-14
Working on snow ..... 2-14
Height limitation ..... 2-15
Brakes ..... 2-15
Working on loose soil ..... 2-15
Working with the forklift truck attachment ..... 2-15
Parking the machine ..... 2-17
2.2.3. Transport ..... 2-18
Loading and unloading the machine ..... 2-18
Transport ..... 2-18

**2.3. Precautions for maintenance ..... 2-19**
2.3.1. Personnel ..... 2-19
2.3.2. Before carrying out maintenance ..... 2-19
2.3.3. During maintenance ..... 2-26
2.3.4. Tires ..... 2-30

**2.4. Safety labels on the machine ..... 2-32**
2.4.1. Positions and order numbers of information labels ..... 2-32
2.4.2. Positions and order numbers of safety labels ..... 2-33

**3. Operation ..... 3-1**



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**3.1. General view ..... 3-2**
3.1.1. General view of the machine ..... **3-2**
3.1.2. Controls and indicators ..... **3-3**
Overall view ..... **3-3**
Switches, controls and warning lights ..... 3-4

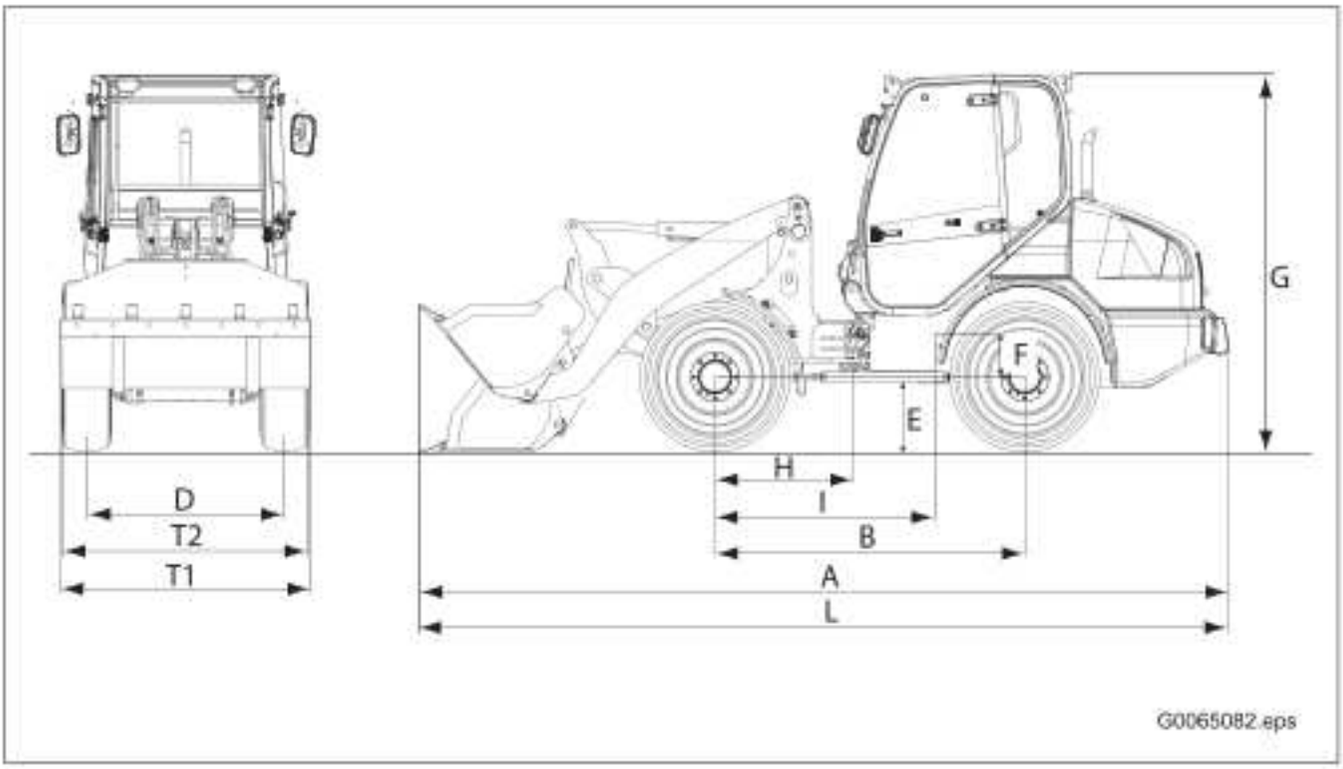
**3.2. Description of the individual elements ..... 3-5**
3.2.1. Instrument panel ..... **3-5**
Warning lights ..... 3-6
Control lamps ..... 3-8
Measuring indicators ..... 3-12
3.2.2. Switches ..... **3-14**
3.2.3. Control levers and pedals ..... 3-21
3.2.4. **Articulated steering catch ..... 3-26**
3.2.5. Traction device ..... 3-26
3.2.6. Socket (12 V) ..... 3-27
3.2.7. Door unlocking system ..... 3-27
3.2.8. Alarm horn for reverse driving – option ..... **3-27**
3.2.9. Fuses ..... 3-28
3.2.10. Slow-blowing fuses ..... 3-29
3.2.11. Adjusting the heater and ventilation system ..... 3-30
3.2.12. Air-conditioning ..... 3-31

**3.3. Operation ..... 3-32**
3.3.1. Pre-start checks ..... 3-32
Visual inspection ..... 3-32
Pre-start checks ..... 3-34
Adjustments prior to machine start ..... 3-39
Adjusting the driver's seat ..... 3-39
3.3.2. Starting the engine ..... 3-43
Warming up the engine ..... 3-44
3.3.3. Driving with the machine ..... 3-45
Start-up ..... 3-45
3.3.4. Changing the driving direction ..... 3-47
3.3.5. Turning and steering ..... 3-48
3.3.6. Braking ..... 3-49
3.3.7. Stopping the machine ..... 3-51
3.3.8. Operating the work equipment ..... 3-52
Multifunctional lever ..... 3-52
Control lever for special equipment ..... 3-53
Switching lever of bucket ..... 3-54
3.3.9. Working with the wheeled loader ..... 3-55
Tire-appropriate operation ..... 3-55
Switching on the 100 % differential lock (if equipped) ..... 3-55
Loading work ..... 3-56
Removal work ..... 3-56
Excavation work ..... 3-58
Planing ..... 3-59



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# 1.9. Dimensions, weights and operating data

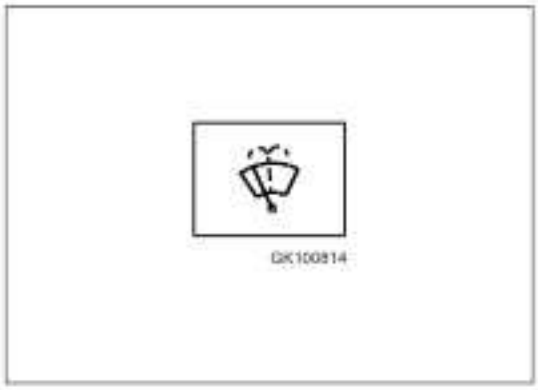



| Dimensions, weights and operating data | | | | | | |
|---|---|---|---|---|---|---|
| | **Bucket capacity to ISO 7546** | 0.7 | m³ | 24,720 | cuft | |
| | Material density | 1.8 | t/m³ | 3,033 | pound/cubic yard | |
| | Static tipping load, straight | 3560 | kg | 7848 | pound | |
| | Static tipping load, 40° angle | 3125 | kg | 6889 | pound | |
| | Working load without CTW | 1800 | kg | 3968 | pound | |
| | Working load with CTW | - | kg | - | pound | |
| | Breakout force, hydraulic | 3,710 | kN | 3.710 | kN | Special buckets: 35.314 cuft (1.0 m³) light weight material bucket<br><br>19.423 cuft (0.55 m³) multi-purpose bucket |
| | Lifting capacity, hydraulic, on ground | 3,600 | kN | 3.600 | kN | |
| | Operating weight | 4660 | kg | 10273 | pound | |
| | Turning radius over bucket | 4095 | mm | 13' 5" | ft. in. | |
| L | Bucket length in transport position | 5210 | mm | 17' 1" | ft. in. | |
| A | Bucket length during planing | 5270 | mm | 17' 3" | ft. in. | |
| T1 | Width with bucket | 1660 | mm | 5' 5" | ft. in. | |
| T2 | Width without bucket (above wheels) | 1625 | mm | 5' 4" | ft. in. | |
| G | Height, including ROPS | 2450 | mm | 8' 1" | ft. in. | |
| D | Track | 1306 | mm | 4' 3" | ft. in. | |
| B | Width over tires | 2050 | mm | 6' 8" | ft. in. | These values refer to machines with 12.0 - 18 tires |
| H | Distance articulated steer. - front axle | 1025 | mm | 3' 4" | ft. in. | |
| E | Ground clearance, axle /transfer gear<br>ground clearance, cardan shaft | 270<br>400 | mm<br>mm | 10.63"<br>1' 3" | ft. in.<br>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

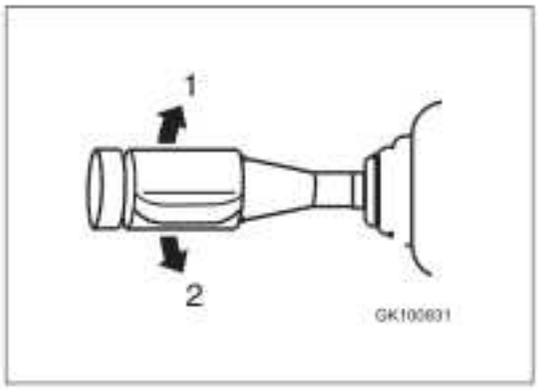



This switch is used to switch on/off the rear windscreen wiper and washer.

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



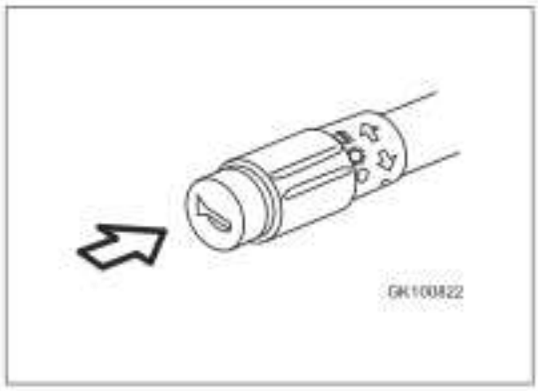

The direction indicator lever is used to switch on/off the direction indicators.

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, cardan shaft

**⚠ 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 into the cardan shaft.
4. Lubricate the cardan shaft with special grease 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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