WEAM005900

Operation & Maintenance Manual

WH609-1 WH613-1 WH713-1 WH714-1 WH714H-1 WH716-1

TELESCOPIC HANDLERS

MODEL	SERIAL NUMBER
WH609-1	395F60001 and up
WH613-1	395F60003 and up
WH713-1	395F70001 and up
WH714-1	395F70002 and up
WH714H-1	395F70003 and up
WH716-1	395F70004 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.

KOMATSU Utility

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1 - PARKING LIGHTS AND LOW BEAM SWITCH

This is a two-position switch; with one click it switches on the parking lights and instruments, with two clicks it switches on the low beam.

The parking lights can be switched on even with the machine at rest.



2 - WORK LIGHTS SWITCH

This is a two-position switch.

With the first click it switches on the front work light positioned on the boom (warning light (7) on the dashboard).
With the second clicks it switches on also the rear work lights (warning light (8) on the dashboard).
See «3.2.2 WARNING LIGHTS».

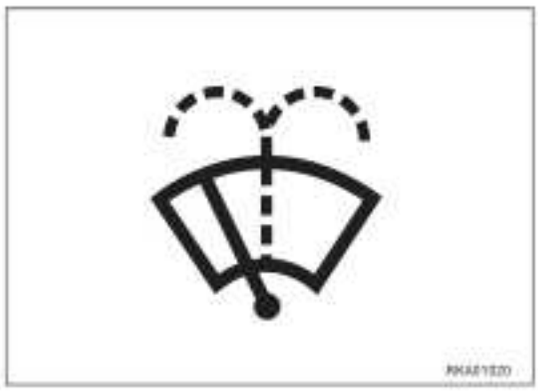
NOTE

- **When the machine travels on roads, the work lights must be off or covered by a screen.**



3 - UPPER WINDSHIELD WIPER/WASHER SWITCH (optional)

With the first click it operates the windshield wiper, while with two clicks (with automatic return to the first click position) it operates the rear and upper windshield washer.



4 - REAR WINDSHIELD WIPER/WASHER SWITCH

With the first click it operates the windshield wiper, while with two clicks (with automatic return to the first click position) it operates the upper and rear windshield washer.



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4.7.8 MAINTENANCE EVERY 500 HOURS OF OPERATION OR EVERY 6 MONTHS

No.	PART	OPERATION	PAGE
a	Fuel filter	Change	214
b	Fuel tank	Drain	215
c	Hydraulic oil	Check level	215
d	Hydraulic oil drain filter	Change	216
e	Oil tank (Only for machines in which synthetic biodegradable oil HEES is used)	Drain condensate	217
f	Engine oil	Change	218
g	Engine oil filter	Change	219
h	Chains (Only for 3-section boom version)	Check for oxidation	220
i	Boom chains (Only for 3-section boom version)	Check and tighten	221
j	Extension boom chains (Only for 3-section boom version)	Check length	226
k	Chains (Only for 3-section boom version)	Lubricate	227
l	Chain drive gear bushings (Only for 3-section boom version)	Check clearance	228
m	Sliding pads	Check clearance	228
n	Wheels	Check nut driving torque	228

4.7.9 MAINTENANCE EVERY 1000 HOURS OF OPERATION OR EVERY YEAR

No.	PART	OPERATION	PAGE
a	Front and rear axles	Change oil	229
b	Hydraulic transmission	Change oil	230
c	Hydraulic transmission	Change filter	231
d	Engine coolant	Check and top up	231

4.7.10 MAINTENANCE EVERY 2000 HOURS OF OPERATION OR EVERY 2 YEARS

No.	PART	OPERATION	PAGE
a	Alternator and starter	Check	232
b	Alternator	Change belt	232
c	Coolant	Change	232
d	Braking system	Change oil	233
e	Intake filter	Change oil and clean filter	235

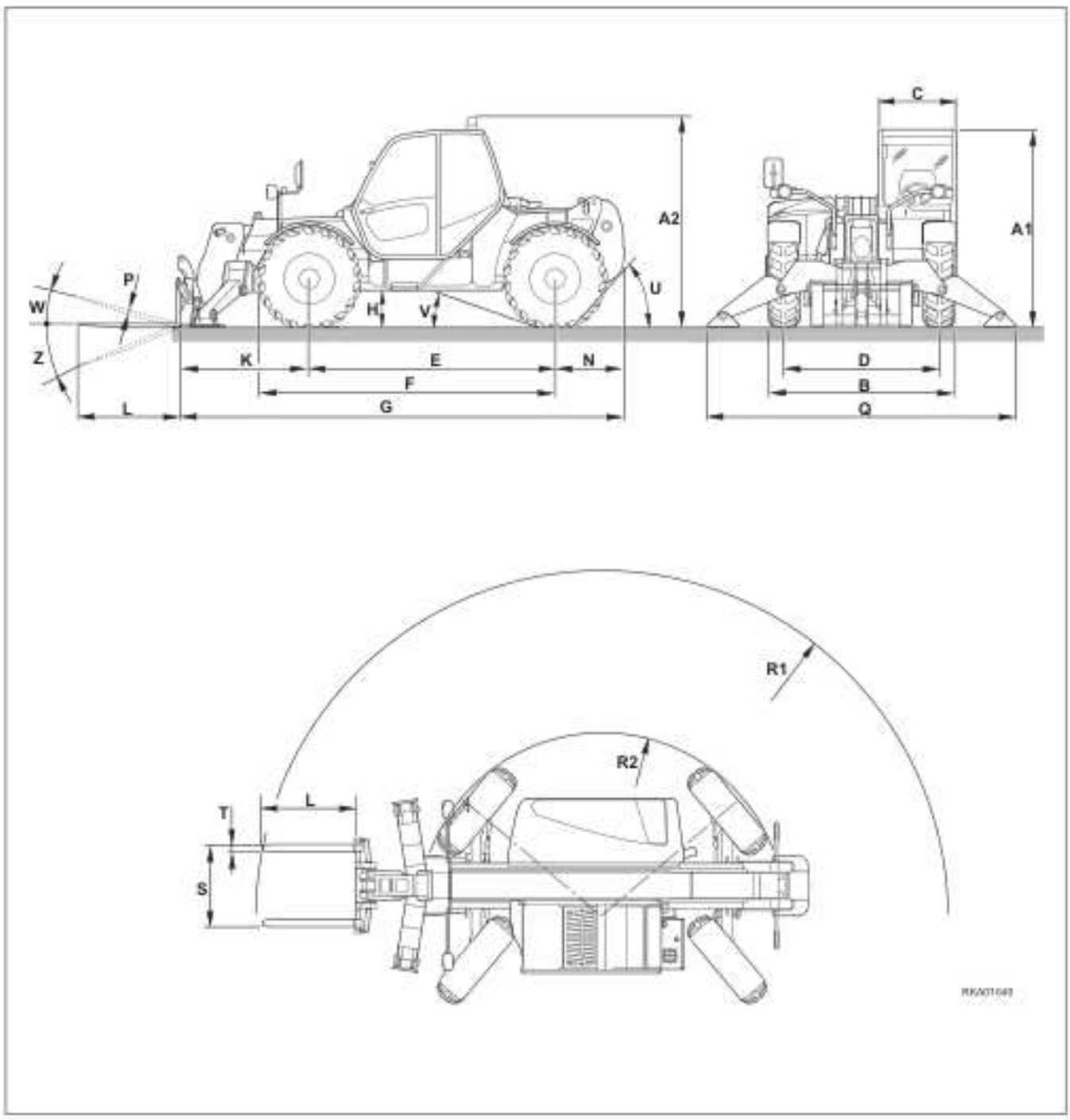
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5.1 TECHNICAL DATA

5.1.1 DIMENSIONS WITH FORKS

NOTE

- **The following dimensional data refer to the machine equipped with the tyres listed below:**
  WH609 - WH609 turbo:....405/70-24 PR14
  WH613 - WH613 turbo:....405/70-24 PR14
  WH713:.....15.5/80 24 PR12
  WH714 - WH714H: 14.00 24 PR16
  WH716:.....14.00 24 PR16



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