

KOMATSU

Waste & Recycling Wheel Loaders

WA200-7

WA270-7

WA320-7

WA380-8

WA470-8

WHEEL LOADER



ENGINE POWER

95,2 kW (128 HP) - 204 kW (273 HP)

OPERATING WEIGHT

11.345 - 25.500 kg

BUCKET CAPACITY

1,9 - 6,5 m³

INDUSTRIAL SOLUTIONS

Waste & Recycling Wheel Loaders

Renowned for high quality standards and reliability, Komatsu meets the huge demand placed on machines by the waste management industry with a wide range of options and modifications available ex factory for our base machines. This provides the flexibility to adapt the Komatsu wheel loader range to the specific requirements of different waste handling applications and jobsite conditions. Whether you choose the full waste specification or individual components, you're guaranteed increased machine performance, availability and efficiency.





Waste & Recycling Equipments

Wide range of attachments

Including light material buckets, high-dump buckets, waste handling buckets, waste handling mulch grapple buckets, compost forks and many more, with a choice of quick-coupler and direct mounts.

Lamp protection guards

Komatsu remembered important little details such as protective grilles for the working lights. Lamp guards not only protect from damage, they also remove a potential fire hazard.



Lift cylinder protection guards

These guards perfectly protect the lifting cylinders and attached hydraulic hoses.



Underbody protection

Front and/or rear axle guards are fitted as standard on some models and are available as an option on others. Their service-friendly design enables easy access.



Bucket cylinder protection

Shields the piston rod and protects return-to-dig sensors.

Articulation area protection

Thick and durable rubber prevents waste from accumulating in the articulation, reducing the risk of damage and fire. The top surface is protected by both a metal plate and the shape of the front window guard (depends on model).





Front window guard

The front window guard protects the windscreen and ensures a clear view for the operator. With its gas-powered springs, it can easily be opened for cleaning the windscreen. A number of different front window guards are available.



on guard

protects the



Multi-function lever

Multi-function lever with proportional electronic control for 3rd spool.

LED and Xenon working lights

Up to 8 additional lights can be fitted to the cab roof rail.



Rear-view camera

Perfect view when reversing. Increases safety, specially on confined job sites.

Turbo II air pre-cleaner, cyclone type

removes 98% of airborne dust to extend the life of the standard air cleaner and protect the engine.

Wide-core radiator with cab-controlled fan

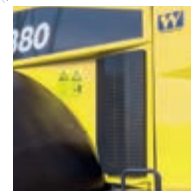
An automatically reversible radiator fan (settings controlled from the cab) dramatically reduces maintenance and cleaning requirements by blowing debris out of the radiators. Special wide-core radiators are available in option on some models.

Air intake grilles

The engine compartment is shielded all-round with protective grilles and meshes. This keeps material that could block the radiator out of the cooling system, and reduces maintenance and cleaning requirements.

Cut-resistant tyres with valve protection

Cut-resistant L5-industrial tyres with protected valves ensure the highest levels of safety. Tyres with anti-puncture liquid, foam filled or solid tyres are also available on request.



Measurements and Working Specifications

KOMATSU HIGH-DUMP BUCKET

		WA200-7	WA270-7	WA320-7	WA380-7
Boom		Standard boom			
Hinge pin height	mm	3.910	3.990	4.035	4.140
Bucket capacity (heaped, ISO 7546)	m³	4,0	4,5	5,0	7,0
Static tipping load, articulated	kg	5.340	6.185	7.210	10.295
Material density (max)	kg/m³	614	632	663	677
Bucket weight	kg	2.800	3.000	3.200	3.800
Bucket width	mm	2.750	2.750	3.000	3.150
Dump height at 45°	mm	4.580	4.618	4.741	4.675
Reach at 45°	mm	1.500	1.495	1.585	1.818
Tyre size	–	20.5R25	20.5R25	20.5R25	23.5R25
Tyre type	–	L5	L5	L5	L5
Operating weight	kg	14.385	15.670	18.595	22.060

KOMATSU WASTE-HANDLING BUCKET

		WA200-7	WA270-7	WA320-7	WA380-7
Boom		Standard boom			
Hinge pin height	mm	3.910	3.990	4.035	4.140
Bucket capacity (heaped, ISO 7546)	m³	2,5	3,5	4,5	6,5
Static tipping load, articulated	kg	6.670	7.445	8.135	10.295
Material density (max)	kg/m³	1227	978	832	729
Bucket weight	kg	1.470	1.740	2.275	3.800
Bucket width	mm	2.750	2.750	3.000	3.150
Dump height at 45°	mm	2.668	2.471	2.287	2.152
Reach at 45°	mm	1.100	1.192	1.398	1.624
Tyre size	–	20.5R25	20.5R25	20.5R25	23.5R25
Tyre type	–	L5	L5	L5	L5
Operating weight	kg	13.055	14.410	17.670	22.060

KOMATSU LIGHT MATERIAL BUCKET

		WA200-7	WA270-7	WA320-7	WA380-7
Boom		Standard boom			
Hinge pin height	mm	3.910	3.990	4.035	4.140
Bucket capacity (heaped, ISO 7546)	m³	3,0	4,0	5,0	6,0
Static tipping load, articulated	kg	7.190	7.785	8.710	11.870
Material density (max)	kg/m³	1102	895	801	910
Bucket weight	kg	950	1.400	1.700	2.225
Bucket width	mm	2.750	2.750	3.000	3.150
Dump height at 45°	mm	2.450	2.415	2.300	2.130
Reach at 45°	mm	1.283	1.278	1.475	1.655
Tyre size	–	20.5R25	20.5R25	20.5R25	23.5R25
Tyre type	–	L5	L5	L5	L5
Operating weight	kg	12.535	14.070	17.095	20.485

Data for machines with full tank of fuel, operator and L5 pneumatic tyres, quick-coupler mounted high tip bucket. Bucket complete with twin rams, clean shell, borce and heel plates, refuse type bar construction spill guards.

WA200-7	WA270-7	WA320-7	WA380-7	WA200-7	WA270-7	WA320-7	WA380-7
High-Lift boom				Super High-Lift boom			
n/a	4.125	4.215	4.595	n/a	n/a	n/a	5.253
n/a	3,5	4,0	4,5	n/a	n/a	n/a	3,5
n/a	5.504	5.610	8.325	n/a	n/a	n/a	6.866
n/a	723	645	851	n/a	n/a	n/a	902
n/a	2.700	2.800	3.000	n/a	n/a	n/a	2.700
n/a	2.750	3.000	3150	n/a	n/a	n/a	3.000
n/a	4.818	5.035	5.085	n/a	n/a	n/a	5.593
n/a	1.727	1.675	2.382	n/a	n/a	n/a	2.566
20.5R25	20.5R25	20.5R25	23.5R25	20.5R25	20.5R25	20.5R25	23.5R25
L5	L5	L5	L5	L5	L5	L5	L5
n/a	15.515	18.555	21.925	n/a	n/a	n/a	21.683

WA200-7	WA270-7	WA320-7	WA380-7	WA200-7	WA270-7	WA320-7	WA380-7
High-Lift boom				Super High-Lift boom			
n/a	4.125	4.215	4.595	n/a	n/a	n/a	5.253
n/a	3,5	4,0	4,5	n/a	n/a	n/a	3,5
n/a	6.464	6.370	9.050	n/a	n/a	n/a	7.826
n/a	850	733	925	n/a	n/a	n/a	1029
n/a	1.740	2.040	2.275	n/a	n/a	n/a	1.740
n/a	2.750	3.000	3150	n/a	n/a	n/a	3.000
n/a	2.777	2.827	2.682	n/a	n/a	n/a	3.265
n/a	1.424	1.488	2.434	n/a	n/a	n/a	2.515
20.5R25	20.5R25	20.5R25	23.5R25	20.5R25	20.5R25	20.5R25	23.5R25
L5	L5	L5	L5	L5	L5	L5	L5
n/a	14.555	17.795	21.200	n/a	n/a	n/a	20.723

WA200-7	WA270-7	WA320-7	WA380-7	WA200-7	WA270-7	WA320-7	WA380-7
High-Lift boom				Super High-Lift boom			
n/a	4.125	4.215	4.595	n/a	n/a	n/a	5.253
n/a	3,5	4,0	5,0	n/a	n/a	n/a	4,5
n/a	6.904	7.010	9.525	n/a	n/a	n/a	7.966
n/a	907	806	876	n/a	n/a	n/a	814
n/a	1.300	1.400	1.800	n/a	n/a	n/a	1.600
n/a	2.750	3.000	3150	n/a	n/a	n/a	3.000
n/a	2.741	2.885	2.815	n/a	n/a	n/a	3.423
n/a	1.510	1.458	2.375	n/a	n/a	n/a	2.349
20.5R25	20.5R25	20.5R25	23.5R25	20.5R25	20.5R25	20.5R25	23.5R25
L5	L5	L5	L5	L5	L5	L5	L5
n/a	14.115	17.155	20.725	n/a	n/a	n/a	20.583

Waste & Recycling Wheel Loaders Model Range

WA200-7

ENGINE POWER
95,2 kW / 128 HP
OPERATING WEIGHT
11.345 - 11.855 kg
BUCKET CAPACITY
1,9 - 2,1 m³

WA270-7

ENGINE POWER
115 kW / 153 HP
OPERATING WEIGHT
12.600 - 13.100 kg
BUCKET CAPACITY
2,0 - 2,5 m³

WA320-7

ENGINE POWER
127 kW / 170 HP
OPERATING WEIGHT
15.230 - 16.095 kg
BUCKET CAPACITY
2,7 - 3,2 m³

WA380-8

ENGINE POWER
143 kW / 192 HP
OPERATING WEIGHT
18.510 - 19.715 kg
BUCKET CAPACITY
3,1 - 6,5 m³

WA470-8

ENGINE POWER
204 kW / 273 HP
OPERATING WEIGHT
24.000 - 25.500 kg
BUCKET CAPACITY
4,1 - 6,0 m³

Equipment for Waste & Recycling

WASTE AND RECYCLING INDUSTRY

Lift cylinder protection guards	○
Bucket cylinder protection guard	○
Underbody protection for front frame	○
Underbody protection for rear frame	○
Rubber protections on top of articulation area	○
Rubber protections on the sides of the articulation area	○
Front window guard	○
Lamp protection guards	○
Tyre valve protection	○
Pre-filter for engine air intake	○
Pre-filter for cooling unit	○

ANTI CORROSION APPLICATIONS

Main components corrosion protection paint varnished	○
Stainless steel central lubrication	○
Protected main electrical connectors and wiring harness	○
Coolers and air conditioner condenser unit teflon varnished	○
Alternator with air intake filter	○
Additional cabin sealing	○
Corrosion protection coatings on electrical system (relay boxes) etc	○

CHASSIS AND TYRES

L3 standard duty tyres	○
L5 heavy duty tyres	○
L5 extra heavy duty tyres	○
Solid tyres	○

TRANSMISSION AND BRAKES

Constant speed control in 1st speed range	○
Creeping function: 1 - 13 km/h speed control	○

HYDRAULIC SYSTEM

Multi-function lever with add. 3rd spool lever control	○
2 lever actuation	○
3 lever actuation	○
Multi-function lever with add. 3rd spool lever control and separate lever for 4th hydraulic circuit actuation	○

SERVICE AND MAINTENANCE

Wide core radiator, radiator fan with automatic reversing function	○
Turbo II pre-cleaner	○
Automatic central lubrication system	○

WORK EQUIPMENT & ATTACHMENTS

High Lift boom	○
Super High Lift boom (only for WA380-8)	○
Light material buckets	○
High-dump buckets	○
Waste handling buckets	○
Waste handling mulch grapple buckets	○
Waste handling high-dump buckets	○

SAFETY EQUIPMENT

Rotating beacon	○
Rear view camera system	○
Bucket edge guard (red/white striped)	○
Step light	○

LIGHTING SYSTEM

LED working lights	○
Xenon working lights	○
Roof rail	○
Add. working lights for roof rail	○

Equipment availability depends on model.

All attachments available for quick-coupler mount or as pin-on version.
Further work equipment, accessories and special application arrangements on request

Komatsu wheel loaders are equipped in accordance with the safety regulations of the machinery guidelines 89/392 EWG ff and EN474.

Your Komatsu partner:

KOMATSU

Komatsu Europe International N.V.

Mechelsesteenweg 586
B-1800 VILVOORDE (BELGIUM)
Tel. +32-2-255 24 11
Fax +32-2-252 19 81
www.komatsu.eu

VENSS03904P 12/2016

Materials and specifications are subject to change without notice.
KOMATSU is a trademark of Komatsu Ltd. Japan.

This brochure is a preliminary version which is intended for promotional purposes only. The information contained in this brochure may be incomplete and/or subject to change. This brochure will be replaced by an updated version.
AdBlue® is a registered trademark of Verband der Automobilindustrie e.V.