

EXPERT SERVICE ON DEMAND...

Even with the correct attachments and protection, the waste and recycling environment will take a toll on your wheeled loader. Komatsu CARE and Komtrax will maximise your machine uptime reducing total cost of ownership.



Komatsu CARE is an exclusive complimentary program that covers the maintenance of your new machine for the first 3 years / 2000 hours. This ensures that your machine stays in great condition and protects you from unplanned expenses.



Komtrax provides detailed machine performance, actual working times, service meter readings, location and fuel economy remotely; ensuring your machine is working efficiently and productively. This is the ideal tool for plant managers who need to track machine performance in more than one location.

GET THE FOLLOWING PRODUCTS AND SERVICES FROM MARUBENI-KOMATSU TODAY:

- Mobile service engineers nationwide
- Genuine Komatsu parts
- Bucket inspections and repairs
- Service contracts
- Extended warranty
- Re-manufactured Parts
- Machine Rebuilds
- Komtrax
- Komatsu CARE

Call 01527 512 512

www.marubeni-komatsu.co.uk



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KOMATSU

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WASTE AND RECYCLING

FROM LAMP GUARDS
TO HIGH DUMP BUCKETS,
THESE WHEELED LOADERS
HAVE IT ALL.



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KOMATSU

THE WASTE HANDLER MACHINE RANGE...

"The waste and recycling industry has a very different set of machinery requirements compared to other industries, but the fundamental demand for robust and reliable machines remains the priority.

Wheeled loaders form a crucial

part of the waste and recycling process, feeding high volume low density waste into recycling plants and, once processed, re-handling the even lighter products for re-manufacturing.

The nature of this industry means wheeled loaders require

specific loader ends to achieve the load-over heights associated with low density products, plus a wide range of attachments for efficient re-handling. I believe our dedicated, waste-spec, Komatsu wheeled loaders fully satisfy these industry requirements.

This range of four wheeled loaders represent Komatsu's core waste handler machines. Each of these machines can be custom-built to a specification to suit your particular application and work environment – ensuring maximum efficiency and productivity."

NEED ADVICE? CALL OUR PRODUCT EXPERT

Carl Woollaston
Product Manager,
Wheeled Loaders

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E: carl.woollaston@mkl.co.uk



WA200-8

Engine Power:
128HP @2,000RPM

Operating Weight:
11,700 - 14,385KG

Standard or high lift arms
available

20.5 pneumatic or solid tyres



WA320-8

Engine Power:
170HP @2,100RPM

Operating Weight:
15,700 - 18,595KG

Standard or high lift
arms available

20.5 pneumatic
or solid tyres



WA270-8

Engine Power:
153HP @2,000RPM

Operating Weight:
13,030 - 15,670KG

Standard or high lift
arms available

20.5 pneumatic
or solid tyres



WA380-8

Engine Power:
192HP @2,100RPM

Operating Weight:
18,155 - 22,060KG

Standard, high lift and
super high lift arms
available

23.5 pneumatic or solid tyres



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KOMATSU

KOMATSU QUALITY INCLUDED AS STANDARD...

ADDED VALUE BUILT-IN

- Heavy duty steel plate thickness used throughout the machine structure
- High quality build with particular attention to electrical and hydraulic routing, protection and fixing
- Durable steel bodywork with gull-wing type engine doors allowing easy access for ground-level checks
- Turbo II air pre-cleaner
- Wide core radiators with temperature dependant and auto-reversing cooling fan
- All covers can be locked or latched open
- Adjustable idle and engine shutdown
- Heavy duty axles, factory approved for solid or foam-filled tyres
- Superior dump height and reach

MAXIMISE EFFICIENCY

- Fuel efficient EU Stage IV engine
- Economy and Economy Light modes de-rate the engine's power output when under light or no-load to save you fuel
- Komatsu SmartLoader Logic
- High efficiency buckets

STATE-OF-THE-ART CONTROLS

- Electronic Pilot Controls (EPC) are adjustable to suit the needs of the operator
- Hydraulic controls are integrated into (and move with) the heated and air-suspended seat
- Automatic-digging function
- Intelligent throttle pedal promotes gentler use to increase fuel economy

NO OTHER WHEEL LOADERS INCLUDE ALL THESE HI-TECH FEATURES AS STANDARD.

- Automatic ride control function
- Ultra low in-cab noise levels
- Large multi-function monitor and dedicated rear view camera screen
- Auxiliary flow rates adjusted via the monitor
- Ten customisable pre-set flow rates to simplify swapping between attachments
- Multi-lever or single multi-function hydraulic controls
- Proportional control of 3rd and 4th function via scroll-wheel on multifunction lever

KOMTRAX

- Komatsu Wireless Monitoring System
- Increased operational data and fuel savings
- 3G mobile comms with integrated antenna



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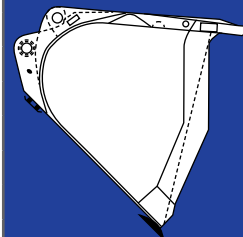
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MAXIMISE PRODUCTIVITY IN EVERY APPLICATION...

Dedicated waste spec machines demand specialised attachments. We design attachments specifically for efficient handling of a wide range of products with in-built strength to withstand the rigours of your industry.

LIGHT MATERIALS BUCKET

Used where dump height is not critical.

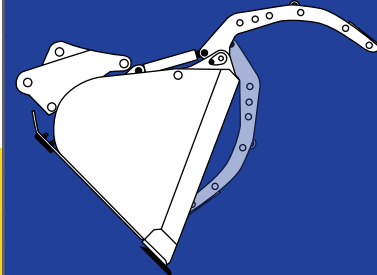


eg: compost facilities or applications with low level hoppers.

				200-8	270-8	320-8	380-8
STANDARD ARM	Pin Height	mm		3,910	3,990	4,035	4,140
	Dump Height	mm		2,450	2,415	2,300	2,130
	Reach	mm		1,283	1,278	1,475	1,655
	Bucket Size	m³		3.0	4.0	5.0	6.0
	Max Material Density	kg/m³		1102	895	801	910
	Operating Weight	kg		12,535	14,070	17,095	20,485
HIGH LIFT ARM	Pin Height	mm		4,350	4,417	4,215	4,595
	Dump Height	mm		2,480	2,741	2,885	2,815
	Reach	mm		1,283	1,510	1,458	2,375
	Bucket Size	m³		2.5	3.5	4.0	5.0
	Max Material Density	kg/m³		954	907	806	876
	Operating Weight	kg		13,173	14,115	17,155	20,725
SUPER HIGH LIFT ARM	Pin Height	mm		n/a	n/a	n/a	5,253
	Dump Height	mm		n/a	n/a	n/a	3,423
	Reach	mm		n/a	n/a	n/a	2,349
	Bucket Size	m³		n/a	n/a	n/a	4.5
	Max Material Density	kg/m³		n/a	n/a	n/a	814
	Operating Weight	kg		n/a	n/a	n/a	20,583

REFUSE CLAMP BUCKET

Used where dump height is not critical, but retention of material is important.



eg: green waste, paper and cardboard recycling.

				200-8	270-8	320-8	380-8
STANDARD ARM	Pin Height	mm		3,910	3,990	4,035	4,140
	Dump Height	mm		2,668	2,471	2,287	2,152
	Reach	mm		1,100	1,192	1,398	1,624
	Bucket Size	m³		2.5	3.5	4.5	6.5
	Max Material Density	kg/m³		1227	978	832	729
	Operating Weight	kg		13,055	14,410	17,670	22,060
HIGH LIFT ARM	Pin Height	mm		4,350	4,417	4,215	4,595
	Dump Height	mm		2,668	2,777	2,827	2,682
	Reach	mm		1,100	1,424	1,488	2,434
	Bucket Size	m³		2.5	3.5	4.0	4.5
	Max Material Density	kg/m³		904	850	733	925
	Operating Weight	kg		13,443	14,555	17,795	21,200
SUPER HIGH LIFT ARM	Pin Height	mm		n/a	n/a	n/a	5,253
	Dump Height	mm		n/a	n/a	n/a	3,265
	Reach	mm		n/a	n/a	n/a	2,515
	Bucket Size	m³		n/a	n/a	n/a	3.5
	Max Material Density	kg/m³		n/a	n/a	n/a	1029
	Operating Weight	kg		n/a	n/a	n/a	20,723

Figures based on machine with L5 extra-heavy-duty tyres and additional counterweights.

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Product Manager,
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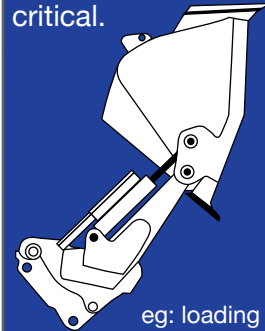
E: carl.woollaston@mkl.co.uk



Komatsu wheeled loaders have the right bucket to ensure safe, stable and efficient loading of products, we have specialists in your area who can design solutions to suit your re-handling needs.

HIGH TIP BUCKET

Used where dump height is critical.

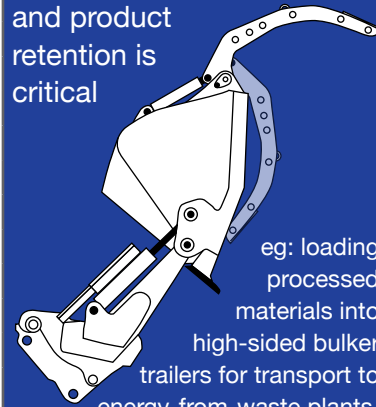


eg: loading processed products into high-sided bulker trailers for transport to remanufacturing plants.

				200-8	270-8	320-8	380-8
STANDARD ARM	Pin Height	mm		3,910	3,990	4,035	4,140
	Dump Height	mm		4,580	4,618	4,741	4,675
	Reach	mm		1,500	1,495	1,585	1,818
	Bucket Size	m³		4.0	4.5	5.0	7.0
	Max Material Density	kg/m³		649	663	691	696
	Operating Weight	kg		14,085	15,370	18,295	21,760
HIGH LIFT ARM	Pin Height	mm		4,350	4,417	4,215	4,595
	Dump Height	mm		4,528	4,818	5,035	5,085
	Reach	mm		1,523	1,727	1,675	2,382
	Bucket Size	m³		3.0	3.5	4.0	4.5
	Max Material Density	kg/m³		657	763	680	882
	Operating Weight	kg		14,073	15,215	18,225	21,625
SUPER HIGH LIFT ARM	Pin Height	mm		n/a	n/a	n/a	5,253
	Dump Height	mm		n/a	n/a	n/a	5,593
	Reach	mm		n/a	n/a	n/a	2,566
	Bucket Size	m³		n/a	n/a	n/a	4.0
	Max Material Density	kg/m³		n/a	n/a	n/a	813
	Operating Weight	kg		n/a	n/a	n/a	21,483

HIGH TIP CLAMP BUCKET

Used where dump height and product retention is critical



eg: loading processed materials into high-sided bulker trailers for transport to energy-from-waste plants.

				200-8	270-8	320-8	380-8
STANDARD ARM	Pin Height	mm		3,910	3,990	4,035	4,140
	Dump Height	mm		4,580	4,618	4,741	4,675
	Reach	mm		1,500	1,495	1,585	1,818
	Bucket Size	m³		4.0	4.5	5.0	7.0
	Max Material Density	kg/m³		614	632	663	677
	Operating Weight	kg		14,385	15,670	18,595	22,060
HIGH LIFT ARM	Pin Height	mm		4,350	4,417	4,215	4,595
	Dump Height	mm		4,580	4,818	5,035	5,085
	Reach	mm		1,500	1,727	1,675	2,382
	Bucket Size	m³		2.6	3.5	4.0	4.5
	Max Material Density	kg/m³		669	723	645	851
	Operating Weight	kg		14,573	15,515	18,555	21,925
SUPER HIGH LIFT ARM	Pin Height	mm		n/a	n/a	n/a	5,253
	Dump Height	mm		n/a	n/a	n/a	5,593
	Reach	mm		n/a	n/a	n/a	2,566
	Bucket Size	m³		n/a	n/a	n/a	3.5
	Max Material Density	kg/m³		n/a	n/a	n/a	902
	Operating Weight	kg		n/a	n/a	n/a	21,683

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KOMATSU

PROVIDING GRIP, RESISTING PUNCTURES...

We recognise that the tyres of machines operating in the waste industry can make or break how effective the machine is. As a result, all Komatsu Waste Handlers can be specified with tyres to suit your application.



SOLID TYRES

Treaded or semi slick for waste and recycling sites where punctures are common. Tyres are pressed onto the rims and completely eliminate punctures. Best for sites with short travel distances.



L5 EXTRA HEAVY DUTY TYRE

A semi slick tyre for use in waste and recycling sites where punctures may be an issue. Minimal tread valleys are less likely to trap debris in the tyre which could damage the machine. Tyre carcass is heavily reinforced to resist punctures and the side walls have a moulded buttress to protect against damage. Can be PU foam filled to eliminate punctures.



L5 HEAVY DUTY TYRE

A heavily treaded tyre, ideal for aggregate recycling yards where greater resistance to damage and a longer wear life is required. A tough tyre with stiff walls giving more stability on machines with high lift arms or high tip buckets.



L3 STANDARD DUTY TYRE

A treaded tyre idea for concrete yards or hard standing, gives good grip and wear life and is ideal for compost loading yards and recycled aggregate loading yards.

PROTECTING YOUR INVESTMENT...

**SELECT THE OPTIONS
YOUR BUSINESS
REQUIRES.**

As standard, Komatsu wheeled loaders are equipped with an engine air pre-cleaner, wide core radiators and auto-reversing cooling fans to maximise up-time in applications where air borne debris is prevalent. Each machine can additionally be ordered with a range of optional guarding solutions to protect against the rigours of the waste and recycling industries.



WIDE CORE RADIATORS & AUTO-REVERSE FAN

Maintains cooling efficiency and maximises machine up-time. Reversing fan blows radiator clear.



TURBO II PRE-CLEANER

Removes 98% of air-borne debris and so extends the life of the air filter and more importantly provides extra protection for the engine.



CAB SCREEN GUARD

Protects the operator from debris rolling down the loader frame. Optional electric tilt.



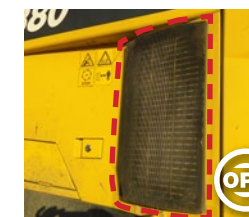
AIR INTAKE SHIELD

Stops excessive debris from being sucked into the air intake.



LAMP GUARDS

Protects the operating and work lamps from unwanted damage.



RADIATOR SHIELD

Stops debris from being sucked into the radiator by the fans.



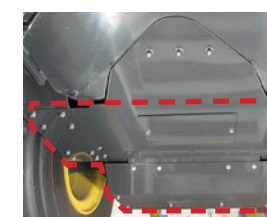
BUCKET CYLINDER GUARD

Protects the ram from damage by falling debris.



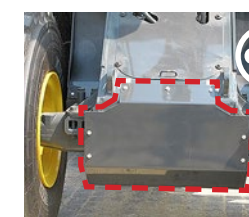
LIFT CYLINDER GUARD

Protects the lift ram and feed hoses.



BELLY GUARD

Stops debris damaging high value components inside the chassis.



FRONT AXLE GUARD

Protects the axle differential casing from damage.

**BUILT
TO YOUR
SPEC**

...so you only pay
for the extras you need.

To find out more call 01527 512 512 or visit www.marubeni-komatsu.co.uk



TAILORED TO YOUR APPLICATION...

Here are some examples of wheel loaders working in different applications within the waste and recycling industry. Each one has been tailored to suit the individual requirements of the customers site.

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Carl Woollaston
Product Manager,
Wheeled Loaders

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E: carl.woollaston@mkl.co.uk



WA380-8

This WA380-8 is working in a wood recycling facility. Its solid tyres eliminate punctures from nails and other sharp materials from the broken wood. To efficiently load the high sided bulkers, the machine has a Super High Lift arm and high-tip bucket. These give a huge 5.6m dump height, so the trailers can be heap loaded and the chips compressed inside the trailer with the underside of the bucket.



WA200-8

This WA200-8 works at a composting facility. To achieve the required dump height, the machine has a High Lift arm and a high tip bucket. Even though this composting facility is based outdoors, the company wanted to provide the best environment for their operator, so the machine has a specialised filtration system mounted on the cab-roof. The cab is fully sealed and is fitted with a pressure monitor to ensure pressurisation is maintained. The filters in the system are combined HEPA and Amonia



WA270-8

This WA270-8 is working in a busy recycling centre, loading a plastic baling plant. The machine works indoors so is fitted with a powered pre-cleaner system for the engine induction air. This removes very fine air-borne particles to provide extra protection to the engine and the Diesel Particulate Filter.



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