

WASTE AND RECYCLING

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



Marubeni

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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WA200-8

Engine Power:
128HP @2,000RPM

Operating Weight:
11,700 - 14,385KG



WA320-8

Engine Power:
170HP @2,100RPM

Operating Weight:
15,700 - 18,595KG



WA270-8

Engine Power:
153HP @2,000RPM

Operating Weight:
13,030 - 15,670KG



WA380-8

Engine Power:
192HP @2,100RPM

Operating Weight:
18,155 - 22,060KG



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



PROTECTING YOUR INVESTMENT...

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.

SELECT THE OPTIONS YOU REQUIRE, TO PROTECT YOUR MACHINE AGAINST DAMAGE.



WIDE CORE RADIATORS WITH AUTO-REVERSE COOLING FAN

Standard on all Komatsu wheeled loaders. Maintains cooling efficiency and maximises machine up-time.

STD

TURBO II PRE-CLEANER

Standard on all Komatsu wheeled loaders. Removes 98% of air-borne debris and so extends the life of the air filter and more importantly provides extra protection for the engine.

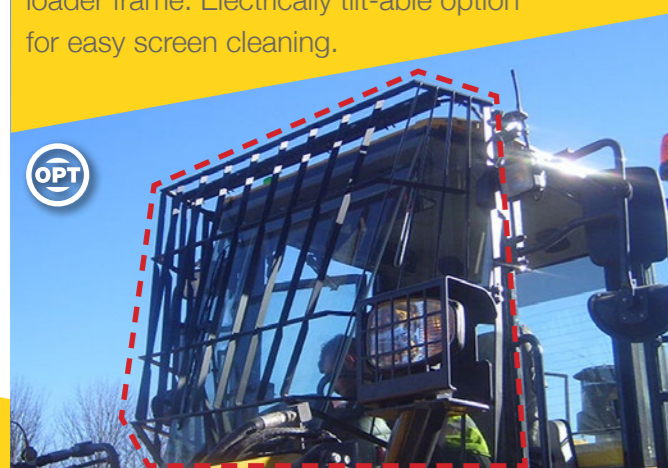
STD



CAB SCREEN GUARD

Protects the operator from debris rolling down the loader frame. Electrically tilt-able option for easy screen cleaning.

OPT



LAMP GUARDS

Protects the operating and work lamps from unwanted damage.

OPT



BUCKET CYLINDER GUARD

Protects the ram rod from being damaged by falling debris.

OPT



LIFT CYLINDER GUARD

Protects the lift ram and feed hoses.

OPT



AIR INTAKE SHIELD

Stops excessive debris from being sucked into the air intake.

OPT



RADIATOR SHIELD

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

OPT



BELLY GUARD

Prevents debris on site damaging the high value components inside the chassis.

OPT



FRONT AXLE GUARD

Protects the axle differential casing from damage.

OPT

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



KOMATSU QUALITY INCLUDED AS STANDARD...

NO OTHER WHEEL LOADERS INCLUDE ALL THESE HI-TECH FEATURES 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

- 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

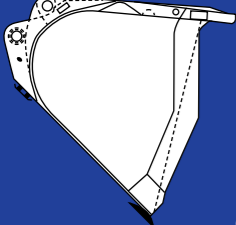


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MAXIMISE PRODUCTIVITY IN EVERY APPLICATION...

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.

			200-8	270-8	320-8	380-8	
LIGHT MATERIALS BUCKET Used where dump height is not critical.  eg: compost facilities or applications with low level hoppers.	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	n/a	4,417	4,215	4,595
		Dump Height	mm	n/a	2,741	2,885	2,815
		Reach	mm	n/a	1,510	1,458	2,375
		Bucket Size	m3	n/a	3.5	4.0	5.0
		Max Material Density	kg/m3	n/a	907	806	876
		Operating Weight	kg	n/a	14,115	17,155	20,725
	SUPER HIGH LIFT ARM	Pin Height	mm	n/a	n/a	5,233	5,253
		Dump Height	mm	n/a	n/a	3,463	3,423
		Reach	mm	n/a	n/a	2,349	2,349
		Bucket Size	m3	n/a	n/a	3.5	4.5
		Max Material Density	kg/m3	n/a	n/a	771	814
		Operating Weight	kg	n/a	n/a	18,113	20,583

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.

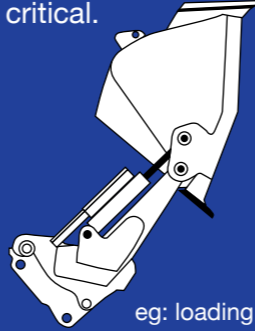
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PRODUCT EXPERT**

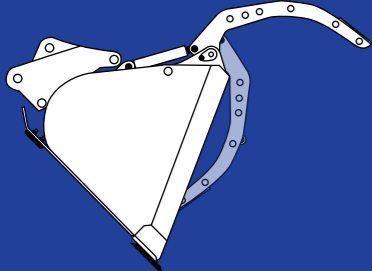
Carl Woollaston
Product Manager,
Wheeled Loaders

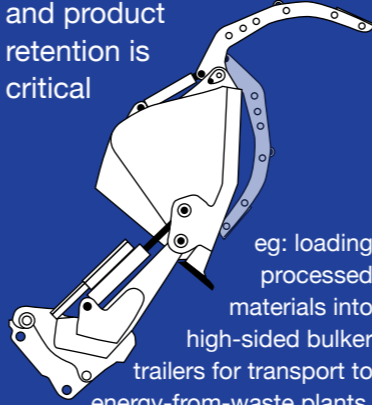
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			200-8	270-8	320-8	380-8	
HIGH TIP BUCKET Used where dump height is critical.  eg: loading processed products into high-sided bulker trailers for transport to remanufacturing plants.	STANDARD ARM	Pin Height	mm	3,910	3,990	4,035	4,140
		Dump Height	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	n/a	4,417	4,215	4,595
		Dump Height	mm	n/a	4,818	5,035	5,085
		Reach	mm	n/a	1,727	1,675	2,382
		Bucket Size	m3	n/a	3.5	4.0	4.5
		Max Material Density	kg/m3	n/a	763	680	882
		Operating Weight	kg	n/a	15,215	18,225	21,625
	SUPER HIGH LIFT ARM	Pin Height	mm	n/a	n/a	5,233	5,253
		Dump Height	mm	n/a	n/a	5,540	5,593
		Reach	mm	n/a	n/a	2,566	2,566
		Bucket Size	m3	n/a	n/a	3.5	4.0
		Max Material Density	kg/m3	n/a	n/a	636	813
		Operating Weight	kg	n/a	n/a	18,113	21,483

			200-8	270-8	320-8	380-8	
REFUSE CLAMP BUCKET Used where dump height is not critical, but retention of material is important.  eg: green waste, paper and cardboard recycling.	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	n/a	4,417	4,215	4,595
		Dump Height	mm	n/a	2,777	2,827	2,682
		Reach	mm	n/a	1,424	1,488	2,434
		Bucket Size	m3	n/a	3.5	4.0	4.5
		Max Material Density	kg/m3	n/a	850	733	925
		Operating Weight	kg	n/a	14,555	17,795	21,200
	SUPER HIGH LIFT ARM	Pin Height	mm	n/a	n/a	5,233	5,253
		Dump Height	mm	n/a	n/a	3,385	3,265
		Reach	mm	n/a	n/a	2,379	2,515
		Bucket Size	m3	n/a	n/a	3.0	3.5
		Max Material Density	kg/m3	n/a	n/a	845	1029
		Operating Weight	kg	n/a	n/a	18,113	20,723

			200-8	270-8	320-8	380-8	
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.	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	n/a	4,417	4,215	4,595
		Dump Height	mm	n/a	4,818	5,035	5,085
		Reach	mm	n/a	1,727	1,675	2,382
		Bucket Size	m3	n/a	3.5	4.0	4.5
		Max Material Density	kg/m3	n/a	723	645	851
		Operating Weight	kg	n/a	15,515	18,555	21,925
	SUPER HIGH LIFT ARM	Pin Height	mm	n/a	n/a	5,233	5,253
		Dump Height	mm	n/a	n/a	5,540	5,593
		Reach	mm	n/a	n/a	2,566	2,566
		Bucket Size	m3	n/a	n/a	3.0	3.5
		Max Material Density	kg/m3	n/a	n/a	709	902
		Operating Weight	kg	n/a	n/a	18,113	21,683

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

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



PROVIDING GRIP, RESISTING PUNCTURES...

TYRES TO SUIT EVERY APPLICATION.

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 (Standard W&R 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.



EXPERT SERVICE ON DEMAND...

TOTAL PEACE OF MIND THROUGH THE LIFE OF YOUR MACHINE.

Even with the correct attachments and protection, the tough waste and recycling environment will take a toll on your wheeled loader. Komatsu CARE and Komtrax will maximise your machine uptime and reduce 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
- Machine Rebuilds
- Re-manufactured Parts
- Komatsu CARE
- Komtrax

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



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WE'RE HERE TO HELP.



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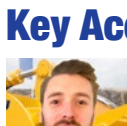
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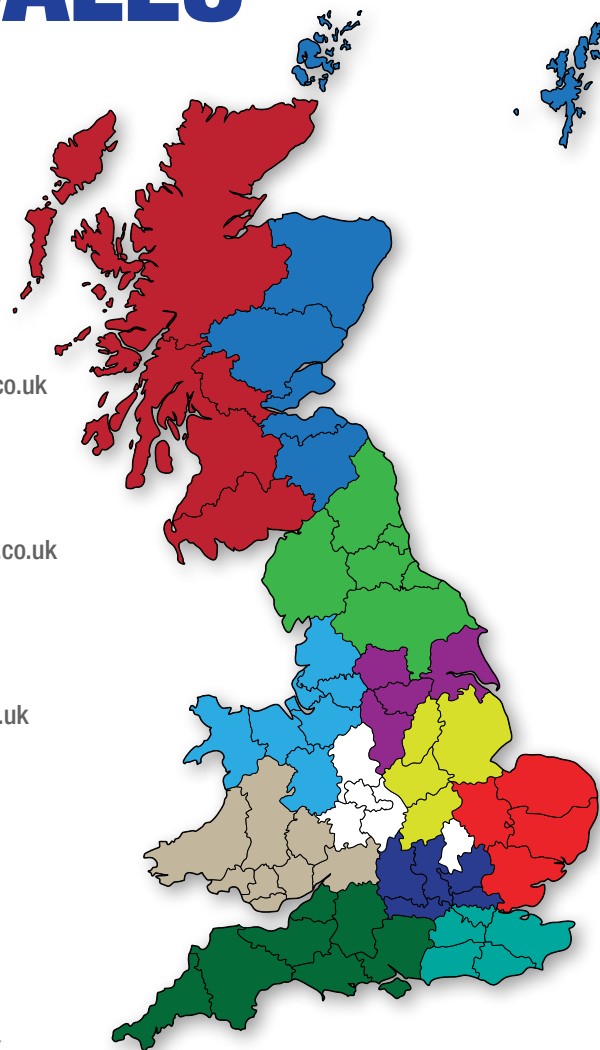
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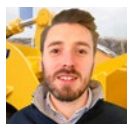
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