

KOMATSU



Industry solutions
Demolition

Demolition equipment

Every member of Komatsu's demolition equipment family is designed with complete focus on the challenges of demolition work.

Safety, productivity, durability and ease of operation are top priorities for all Komatsu demolition equipment, which share several features to ensure long term performance.



Safety as standard

Demolition operators need to have complete confidence in the equipment under their control.

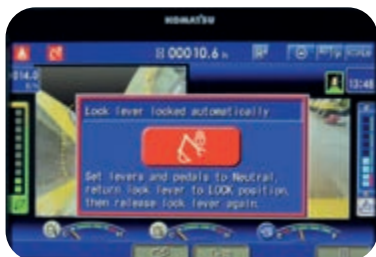
Komatsu's range of demolition machines includes a wide range of factory fitted safety innovations so the operator can be sure the machine has been manufactured to the correct specification with the correct quality.

With factory-backed warranty, service and maintenance, the machines bring peace of mind to the owner and operator alike, maximising working time.

Safety features

Neutral Detection System

Prevents unintended movement at startup if any control is not in neutral position.



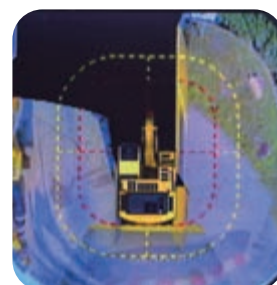
High impact protection

ISO10262 Level II OPG guards fitted as standard, together with one-piece glass compliant with EN356 Gr. P5A. The grids of the OPG guard are carefully designed to align with the operator's line of sight to maximise visibility.



KomVision surround view system

The operator has a continuous clear view around the machine.



Productivity

Demolition contractors face many challenges, such as ever-increasing restrictions on vibration, dust, noise and time. Demolition work demands precision, power and efficiency.



Heavy duty machine protection

Heavy duty undercovers are fitted to the undercarriage and upper structure. Together with the bolted side guards long term performance is ensured.

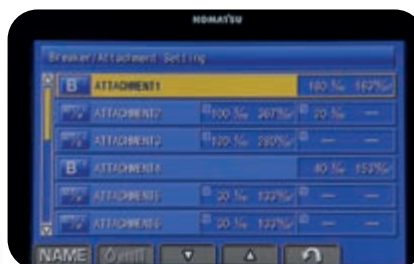


Komatsu's factory original demolition equipment has continually evolved over decades to offer the best combination of features to get the job done. The smooth operation of the factory original hydraulic system supported by integrated attachment control helps the operator deploy the power of the machine exactly where needed. High productivity at your fingertips.

Productivity features

Integrated attachment control

The standard-fit Integrated Attachment Control system with 15 individual attachment memory settings ensures the machine can be perfectly matched to the chosen attachment.



Fingertip controls

Fingertip controls for frequently used functions help to ensure maximum productivity and operator comfort.



High-reach demolition

Demolition is a business for experts: when working conditions get tough, first class equipment and know-how are critical to get safely through the day. Komatsu's factory original high-reach demolition machines are designed with decades of global know-how for maximum machine deployment and productivity. Safe and environment-friendly they are completely efficient and reliable on any high-rise demolition job site.



Precise control

The machine recognises the working configuration, and automatically adjusts the operation speeds, ensuring precision at high reach and productivity with short equipment.

High-reach arm camera (option)

The camera option available for the high reach arm feeds a clear image directly into the working range indication system. A great view of the demolition attachment with no need for an additional screen in the cab.

Complete site safety

The machines are fully equipped with LED lamps, minimising the risk of incidents or interruptions.



Transportation & deployment

Komatsu's machines are designed to make transport as simple as possible, without risking durability. By using high strength materials, weight is minimised. The Komatsu boom change systems can be used to separate the machine for transport if required. Able to lift its own high reach boom onto the trailer, the machines can be moved to the next job site with minimum disruption, ready to contribute even more to your business.



Ultimate versatility

With Komatsu's unique boom quick connection system you can easily change between up to 6 different working configurations, allowing you to tackle whatever project comes along.



Complete operator safety

360° Working Range Indicator (WRI) system with side stability pre-alert function. Demolition specification operator cab with ISO 10262 Level II OPG guards, high impact protective glass (EN356 Gr P5A).



New operator environment

Advanced ergonomic control levers and premium seat combine with the 30° tilting cab to provide a highly comfortable environment, increasing operator comfort and concentration.



Integrated attachment control

The standard-fit integrated attachment control system allows precise flow & pressure setting to get the best out of every attachment. Precision and power – ideal for high reach working.

Factory fitted water spray system

A water spray dust suppression system is fitted as standard. The system is fitted to all work equipment and includes up to 6 connection points for the standard fit washing lance. An easy drain valve helps protect against freezing overnight temperatures.

Dust protection equipment



To further increase the working time of your machine, Komatsu provides optional engine air pre-cleaner, with mesh protection

for the cooling package air intakes to help keep the machine working for longer.

Choice of undercarriages

All undercarriages are thoroughly tested by Komatsu to ensure durability and stability during demolition work. In addition, the optional Hydraulically variable Wide Gauge (HWG) undercarriage makes for easier transport and set up.



Unique revolving frame

The upper structure is specifically designed to cope with the rigours of demolition job sites.



K100 boom change system (option)

The K100 boom change system allows you to change your boom configuration on site, in just a few minutes, without leaving the cab, with no need for outside help and no need to manually handle heavy equipment or work at height. The system is 100% Komatsu designed, manufactured and supported and includes several protocols to guide the operator. The K100 system is an option on models PC390HRD-11 and PC490HRD-11.



Human Machine Interface (HMI)

A sophisticated Human Machine Interface (HMI) integrated in the machine's touch screen guides you when aligning the work equipment. All connections, mechanical, hydraulic and electrical are made automatically including auxiliary systems such as the water spray dust suppression and the optional automatic central greasing system. You can remain safely in the cab at all times.



K100 quick boom change system

Includes Komatsu hands free boom connections, with advanced safety & control system with touchscreen human machine interface. Low profile equipment storage stands included.



A boost for your efficiency

With the K100 system you can make full use of the versatility built in to every Komatsu high reach demolition machine, changing the configuration of the machine to suit different phases of the project. With up to 6 different configurations for both PC390HRD and PC490HRD, the machines are ready for virtually any task.





The K100 human machine interface system gives guidance to the operator during the boom change process, helping the operator to align the equipment quickly and simply.

As Komatsu original equipment, the K100 equipment is included in the standard spares, maintenance and warranty programs for further peace of mind.

Mono/straight boom demolition

Komatsu's factory-built demolition excavators ensure minimum downtime, even in the challenging environment of a demolition work site. With a huge range of standard safety equipment, these machines surpass current regulations and offer real peace of mind to today's demolition contractor. The strong factory-installed machine protection and hydraulic circuits provide top-level durability and present a professional image to your clients.



Integrated attachment control

The standard-fit integrated attachment control system allows the machine to deliver the precise flow and pressure, bringing the highest productivity from your attachments.

The full range

Komatsu's range of demolition excavators are available in any weight class from 22 to 48 tonnes. A variety of booms are available, including one-piece mono boom, one-piece straight boom and two-piece boom.

All round protection

With every Komatsu Demolition Excavator being fully prepared at the factory, even the smallest details are included, such as the guarded LED lamps, the reinforced bucket side links and the (optional) bucket cylinder guard.



Demolition specification cab

The demolition safety SpaceCab™ is ROPS compliant with ISO 12117-2:2008. Roof window wash/wipe is fitted as standard, with a side-hinged opening front guard to help with screen cleaning.





Control levers

Attachment control at your fingertips with the Komatsu original control levers with integrated sliding attachment controls. Upgrade to the advanced ergonomic design for even more operator comfort and convenience.

High impact protection

The operator is protected by OPG guards compliant with ISO10262 Level 2 as well as high impact protective glass, compliant with with EN356 Gr. P5A. Carefully aligned OPG grid layout combines maximum visibility with correct protection.



KomVision surround view system

The standard-fit cameras around the Komatsu demolition excavators works seamlessly with the standard LED lights. The system provides outstanding visibility around the machine, enhancing work site safety and helping to increase productivity.



Heavy-duty protection

Extra heavy-duty, wrap-around type side protection and heavy duty undercovers offer protection from debris on the ground or side impact.



Komatsu demolition attachments

Komatsu provides a comprehensive line of demolition attachments, including pulverisers, crushers, grapples and breakers, for your demolition work site.



JRSP



JRRP



JRDC



JRSG

Static pulveriser for 16 - 60 t machines

Model JRSP		210-1	290-1	360-1	490-1
Machine class	t	16 - 25	20 - 30	25 - 35	32 - 60
Weight *	kg	1950	2350	3170	4500
Closing force (max.)	t	93	105	127	155

Rotating pulveriser for 15 - 70 t machines

Model JRRP		210-1	290-1	360-1	490-1
Machine class	t	15 - 25	22 - 35	32 - 50	45 - 70
Weight *	kg	2100	2765	3300	4800
Closing force (max.)	t	100	107	152	215

Demolition crusher for 15 - 70 t machines

Model JRDC		210-1	290-1	360-1	490-1
Machine class	t	15 - 25	24 - 35	30 - 45	45 - 70
Weight *	kg	1950	2670	3050	4100
Closing force (max.)	t	80	100	125	140

Sorting grapples for 2 - 70 t machines

Model JRSG		45-1	80-1	120-1	160-1	210-1	290-1	360-1	490-1	550-1	600-1
Machine class	t	2 - 5	5 - 9	10 - 15	14 - 18	16 - 22	20 - 30	25 - 40	35 - 50	45 - 55	50 - 70
Weight *	kg	210	435	900	1015	1350	1600	2200	2350	3300	3950
Volume	l	100	140	325	400	530	640	900	1100	1300	1500

* Weight excl. bracket and hoses

Komatsu Breakers

		B-series	H-series	V-series
Machine class	t	0.7 - 50	0.7 - 80	18 - 120
Weight	kg	90 - 3850	73 - 4994	1721 - 7599
Models	t	12	15	6
Oil flow	l/min	18 - 300	12 - 380	120 - 550



B-series



H-series



V-series

Komatsu support

Komatsu Care

Komatsu Care is a complimentary customer support program that comes with your new Komatsu machine. Depending on the region, it may include maintenance and/or an additional warranty. Please contact your local distributor for details.



Demolition model range

High-reach demolition excavators

Model	Engine power (ISO 14396)			Configurations
	kW	HP	PS	
PC390HRD-11	202	271	275	26
				23
				15.5
				12.5
PC490HRD-11	270	362	367	32
				28
				17.5
				13.5

Mono/straight boom demolition

Model	Engine power (ISO 14396)			Mono boom	Straight boom	Two-piece boom
	kW	HP	PS			
PC210/LC/NLC-11	123	165	167	✓		on request
PC240LC-11	141	189	192	✓	✓	✓
PC240NLC-11				✓	✓	✓
PC290LC-11	159	213	216	✓	✓	✓
PC290NLC-11				✓	✓	✓
PC360LC-11	202	271	275	✓	✓	on request
PC360NLC-11				✓	✓	on request
PC490/LC-11	270	362	367	✓	✓	



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