



B-series
H-series
V-series



Hydraulic breakers

Weight
73 - 7599 kg

Machine class
0.9 - 120 tonnes

Komatsu carriers
PC09 - PC1250

Komatsu hydraulic breakers

Exceptional performance and efficiency

The hydraulic breakers provide superior impact energy in a variety of rock and concrete demolition applications: you can count on exceptional performance and efficiency whether you're scaling a tunnel, running a pedestal-boom on a quarry, or tearing out reinforced concrete masonry.



B-series

- Accumulator-free
- Straightforward, powerful
- Unbeatable reliability
- Optional automatic greasing



H-series

- Accumulator
- Compact: light, simple, reliable
- Large: Powerful, two-speed



V-series

- Accumulator
- Fully variable speed selection
- Highest production ratio in any application



Select the right tool for the job!

Using the correct tool is the first step in obtaining maximum life and performance from the breaker. It will also decrease overall running costs and increase productivity.

Pyramid

Application: secondary breaking, demolition, mass excavation
Material: low and medium hardness, homogeneous structure



Blunt

Application: secondary breaking
Material: high hardness, abrasive



Chisel

Application: trenching, mass excavation
Material: low and medium hardness, non-homogeneous structure, abrasive



Moil point

Application: secondary breaking, demolition, mass excavation
Material: low and medium hardness, non-homogeneous structure



Specials

Uniquely designed tools are available for special applications, such as extremely abrasive material, soft material or tunnelling.

B-series hydraulic breakers

Simple, powerful, reliable

Komatsu B-series hydraulic breakers provide superior impact energy and breaking force in any application.

The simplicity of their design combined with high quality components results in breakers that can fit on any machine, and work under any condition, for many years. With up to 30% less components, these breakers require little maintenance, are easy to service and offer market-leading reliability. The optional automatic lubrication can extend their lifetime even further.



B-series

Models: 12

Operating weight: 90 - 3850 kg

Machine class: 0.7 - 50 t

Komatsu carrier: PC09 - PC490/PC500

Oil flow: 18 - 300 l/min

Tool diameter: 40 - 170 mm

Quality you can rely on

Komatsu Genuine tools are much more than just machined pieces of steel. The best alloys and careful heat treatment guarantee a long wear life.

- These breakers feature 30% fewer parts than their competitors – and every single one of those parts is designed to Komatsu's strict engineering and quality standards
- Only two moving components to keep operating and maintenance cost down
- Accumulator-free technology

First-class comfort

- The fully suspended powercell reduces shock wave transmission, increasing operator comfort, reducing noise and protecting the carrier
- Blank firing protection as standard as of the JTHB120-3B and up. Piston movement is stopped when insufficient pressure is applied on the tool. This prevents damage to the tie rods, retaining pins and tools



JTHB50WB-3
Specifically designed for WB93/97



Heavy-duty housing
Extremely tough and wear-resistant housing – on every single model!



Optional automatic lubrication
Provides continuous greasing, extending the lifetime of the bushings and tool, protecting your investment

H-series hydraulic breakers

An ace up their sleeve

Based on accumulator-type technology, these breakers deliver consistent impact power in any environment, on any machine. Innovative features and clever design improve production while lowering the total cost of ownership significantly.



H-series

Models: 15

Operating weight: 73 - 4994 kg

Machine class: 0.7 - 80 t

Komatsu carrier: PC09 - PC700/PC850

Oil flow: 12 - 380 l/min

Tool diameter: 37 - 190 mm

Compact range

- 11 breakers for utility and midi excavators
- Compact and light
- Simple and reliable
- No tie rods
- Automatic pressure regulation
- High back pressure tolerance
- Blank firing protection on all models



Large range

- 4 heavy-duty breakers
- Carrier class: 20 to 80 t
- Automatic frequency adjustment
- Automatic greasing
- Blank firing protection
- Swivel hose couplings
- Field-replaceable bushings
- Adjustable pressure regulation
- Integrated dust prevention

First-class comfort

- The fully suspended powercell reduces shock wave transmission
- Fully automatic 2-speed selection protects the breaker from excessive impact forces and increases productivity in softer condition
- Advanced blank firing protection as standard on all models
- The optional dust suppression kit uses spray nozzles to reduce dust emissions while operating the breaker

Full power, day after day

- The large diaphragm accumulator smoothens pressure spikes, protecting the carrier, and maintains the correct nitrogen pressure
- The pressure regulator valve maintains a constant operating pressure, providing powerful impact strokes, whatever the conditions
- The H-series utility breakers can work on any machine, thanks to their high tolerance for back pressure
- The hoses are connected on articulating couplings, allowing them to move freely, for less breakage risk and a longer lifetime

V-series hydraulic breakers

Unrivalled productivity and lowest cost per ton

Komatsu V-series breakers are designed for maximum productivity in any application, whilst lowering cost per ton. They are at home in any application, whether it's demolition, mass excavation or secondary breaking.



V-series

Models: 6

Operating weight: 1721 - 7599 kg

Machine class: 18 - 120 t

Komatsu carrier: PC210 - PC1250

Oil flow: 120 - 550 l/min

Tool diameter: 122 - 214 mm



First-class comfort

- The fully suspended powercell reduces shock wave transmission
- Advanced blank firing protection as standard
- The optional dust suppression kit uses spray nozzles to reduce dust emissions while operating the breaker

Maximised productivity

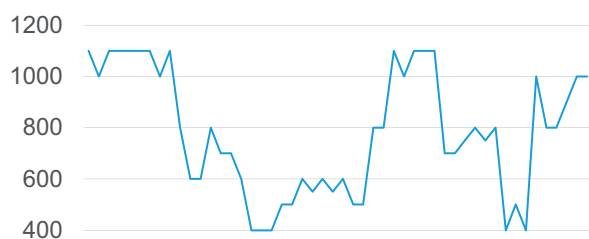
- More than 90% energy recovery through the use of a recovery valve, making these the most efficient breakers in their class
- Fully variable automatic speed selection enabling the highest production in any application, these breakers can select exactly the right amount of power to break through the material, without wasting any energy

Peace of mind

- Tool Protection System
- The large diaphragm accumulator smoothens pressure spikes, protecting the carrier
- The pressure regulator valve maintains a constant operating pressure, providing powerful impact strokes, whatever the conditions
- The hoses are connected on articulated couplings, allowing them to move freely, for less breakage risk and a longer lifetime
- The optional dust wiper bushing provides additional protection to the breaker, by adding an extra seal around the tool. Ideal for high-dust applications or tunnelling

Fully variable technology

Depending on the application's hardness, V-series breakers automatically select the optimal piston stroke length and speed. By adjusting to either hard material, with long and powerful strokes, or to softer material, with shorter, faster strokes, the highest production output is consistently achieved, with no waste of impact energy.



300% energy variation in 1s

B-series hydraulic breakers

Model		JTHB08-3	JTHB10-3	JTHB20-3	JTHB30-3	JTHB40-3	JTHB50-3
Operating weight*	kg	90	120	165	255	320	385
Oil flow (min - max)	l/min	18 - 25	20 - 30	20 - 35	25 - 45	30 - 55	35 - 60
Operating pressure	MPa	6 - 13	7 - 14	8 - 15	10 - 15	10 - 16	10 - 16
Max. back pressure	MPa	1.6	1.9	1.7	1.8	2	1.9
Impact rate	bpm	930 - 1300	700 - 1200	600 - 1150	550 - 1000	580 - 1060	550 - 1000
Tool diameter	mm	40	45	50	58	64	75
Blank firing protection	-	-	-	-	-	-	-
Automatic greasing	-	-	-	-	-	-	-
Machine class	t	0.7 - 1.5	1 - 2	1.5 - 2.5	2.4 - 4	3 - 4.5	3.8 - 6
Komatsu carriers	-	PC09 - PC20	PC18 - PC20	PC24 - PC30	PC20 - PC35	PC45 - PC58	PC55 - PC58
				SK715 - SK820			

Model		JTHB50WB-3	JTHB60-3	JTHB120-3B	JTHB210-3B	JTHB355-5B	JTHB455-5B
Operating weight*	kg	325	570	950	1830	2880	3850
Oil flow (min - max)	l/min	35 - 60	40 - 70	80 - 120	160 - 200	180 - 230	240 - 300
Operating pressure	MPa	10 - 16	10 - 16	14 - 18	14 - 18	13 - 18	14 - 18
Max. back pressure	MPa	1.9	1.8	1.9	1.9	2	2.2
Impact rate	bpm	550 - 1000	600 - 1050	450 - 720	450 - 630	350 - 450	290 - 440
Tool diameter	mm	75	95	105	135	155	170
Blank firing protection	-	-	-	Yes	Yes	Yes, selectable	Yes, selectable
Automatic greasing	-	-	-	Optional	Optional	Optional	Optional
Machine class	t	3.8 - 6	6 - 11	8 - 14	18 - 25	27 - 40	40 - 50
Komatsu carriers	-	WB93 - WB97	PC80 - PC88	PC138	PC210 - PC290	PC360	PC490 - PC500
			PW98 - PW138	PW138 - PW168		HB365	

* Including pin-on adapter, hydraulic hoses and tool

H-series hydraulic breakers

Model		JMHB09H-2	JMHB15H-2	JMHB21H-2	JMHB35H-2	JMHB45H-2	JMHB55H-2	JMHB70H-2	JMHB80H-2
Operating weight*	kg	73	112	133	194	286	318	396	456
Oil flow (min - max)	l/min	12 - 23	15 - 30	17 - 35	25 - 50	30 - 65	40 - 75	55 - 100	70 - 120
Operating pressure	MPa	11	12	12	12	12	12	12.5	12.5
Max. back pressure	MPa	2	3.5	3.2	3.2	3	3	2	2
Impact rate	bpm	725 - 1460	800 - 1600	825 - 1700	770 - 1550	600 - 1360	630 - 1420	700 - 1540	700 - 1440
Tool diameter	mm	37	45	47	55	65	72	76	84
Variable speeds	-	-	-	-	-	-	-	-	-
Blank firing protection	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic greasing	-	-	-	-	-	-	-	-	-
Machine class	t	0.7 - 1.2	1 - 1.7	1.2 - 2.2	1.5 - 3.7	2.5 - 5.3	3 - 7.5	4 - 10	5 - 12
Komatsu carriers	-	PC09	PC16 - PC17	PC18 - PC20	PC24 - PC35	PC30 - PC58	PC45 - PC58	PC55 - PC88	PC80 - PC88
								PW98	PW98 - PW138
								WB93 - WB97	WB93 - WB97

Model		JMHB100H-1	JMHB130H-1	JMHB170H-1	JMHB220H-1	JMHB360H-1	JMHB460H-1	JMHB660H-2
Operating weight*	kg	545	859	1233	2139	2866	3852	4994
Oil flow (min - max)	l/min	75 - 125	80 - 140	100 - 150	140 - 220	185 - 250	250 - 320	280 - 380
Operating pressure	MPa	13	14	12.5	16.5	15.5	18.5	18.5
Max. back pressure	MPa	2	1.5	1	3	2.5	1.5	1.5
Impact rate	bpm	600 - 1137	420 - 870	400 - 800	320 - 720	320 - 560	350 - 700	300 - 610
Tool diameter	mm	94	106	118	140	160	175	190
Variable speeds	-	-	-	1	2	2	2	2
Blank firing protection	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic greasing	-	Optional	Standard	Standard	Standard	Standard	Standard	Standard
Machine class	t	7 - 14	8 - 18	15 - 25	20 - 35	27 - 40	35 - 60	45 - 80
Komatsu carriers	-	PW98 - PW138	PC138	PC170 - PC240	PC210 - PC290	PC360	PC490 - PC500	PC700 - PC850
			PW138 - PW168	PW160 - PW198		HB365		

V-series hydraulic breakers

Model		JMHB230V-1	JMHB370V-1	JMHB470V-2	JMHB670V-1	JMHB870V-1	JMHB1270V-1
Operating weight*	kg	1721	2745	3593	5998	6803	7599
Oil flow (min - max)	l/min	120 - 170	180 - 265	240 - 320	380 - 420	400 - 500	450 - 550
Operating pressure	MPa	13.5	16.5	16.5	16.5	18	18
Max. back pressure	MPa	1.2	1.2	1.2	0.8	1.5	1.5
Impact rate	bpm	285 - 1050	345 - 1160	330 - 1045	380 - 950	290 - 550	290 - 590
Tool diameter	mm	122	150	170	202	214	214
Variable speeds	-	15	15	15	15	Continuous	Continuous
Blank firing protection	-	Yes	Yes	Yes	Yes	Yes	Yes
Automatic greasing	-	Standard	Standard	Standard	Standard	Standard	Standard
Machine class	t	18 - 30	27 - 40	35 - 50	45 - 75	55 - 90	75 - 120
Komatsu carriers	-	PC210 - PC290	PC360	PC490-PC500	PC700	PC850 - PC950	PC950 - PC1250
			HB365				

*Including pin-on adapter, hydraulic hoses and tool

Matching table

Carrier	Breaker	Direct attached bracket	Lehnhoff coupler bracket
PC09	JTHB08-3	BTAX5PB08000	BTQ01B08050
	JMHB09H-2	BMA01B00090	BMQ01B09050
PC16R	JTHB08-3	BTA01PB08000	BTQ01B08050
PC17R	JMHB15H-2	BMA01B00150	BMQ01B15050
PC18MR	JTHB08-3	BTA01PB08000	BTQ01B08050
PC20R	JTHB10-3	BTA01PB10000	BTQ01B10050
	JMHB21H-2	BMA01B00150	BMQ01B21050
PC24MR	JTHB20-3	BTA02PB20001	BTQ03B20050
PC26MR	JMHB35H-2	BMA03B00350	BMQ03B35050
PC30MR	JTHB20-3	BTA03PB20001	BTQ03B20050
PC33MR	JTHB30-3	BTA03PB30001	BTQ03B30050
PC33E	JMHB35H-2	BMA03B00351	BMQ03B35050
	JMHB45H-2	BMA03B00450	BMQ03B45050
PC35MR	JTHB30-3	BTA03PB30001	BTQ03B30050
PC38MR	JMHB35H-2	BMA03B00351	BMQ03B35050
	JMHB45H-2	BMA03B00450	BMQ03B45050
PC45MR	JTHB40-3	BTA04PB40001	BTQ03B40050
	JMHB45H-2	BMA03B00451	BMQ03B45050
	JMHB55H-2	BMA03B00451	BMQ03B55050
PC55MR	JTHB40-3	BTA04PB40001	BTQ03B40050
PC58MR	JTHB50-3	BTA04B50051	BTQ03B50050
	JMHB45H-2	BMA03B00451	BMQ03B45050
	JMHB55H-2	BMA03B00451	BMQ03B55050
	JMHB70H-2	BMA03B00700	BMQ03B70050
PC80MR	JTHB60-3	BTA05B60050	BTQ08B60050
	JMHB70H-2	BMA08B00700	BMQ08B70050
	JMHB80H-2	BMA08B00700	BMQ08B80050
PC88MR	JTHB60-3	BTA05B60051	BTQ08B60050
	JMHB70H-2	BMA08B00701	BMQ08B70050
	JMHB80H-2	BMA08B00701	BMQ08B80050
PC138US	JTHB120-3B	BTA15B12000	BTQ10B12050
	JMHB130H-1	BMA10B01300	BMQ10B13050
PC170LC	JMHB170-1	BMA10B01700	BMQ10B17050
PC210/LC/NLC	JTHB210-3B	BTA25B21000	BTQ21B21050
PC230NHD	JMHB170H-1	BMA21B01700	BMQ25B17050
PC228USLC	JMHB220H-1	BMA21B02200	BMQ25B22050
	JMHB230V-1	BMA21B02200	BMQ25B23050
PC240LC/NLC	JTHB210-3B	BTA30B21000	BTQ21B21050
	JMHB170H-1	BMA21B01701	BMQ25B17050
	JMHB220H-1	BMA25B02201	BMQ25B22050
	JMHB230V-1	BMA25B02201	BMQ25B23050

Carrier	Breaker	Direct attached bracket	Lehnhoff coupler bracket
PC290LC/NLC	JTHB210-3B	BTA30B21001	BTQ21B21050
	JMHB220H-1	BMA25B02200	BMQ25B22050
	JMHB230V-1	BMA25B02200	BMQ25B23050
PC360LC/NLC HB365LC/NLC	JTHB355-5B	BTA35B35500	BTQ25B35500
	JMHB360H-1	BMA25B03600	BMQ25B36050
	JMHB370V-1	BMA25B03600	BMQ25B37050
PC490/LC	JTHB455-5B	BTA40B45500	BTQ40B45500
	JMHB460H-1	BMA40B04600	BMQ40B46050
	JMHB470V-2	BMA40B04600	BMQ40B47050
PC500LC-10 (std)	JTHB455-5B	BTA40B45510	BTQ40B45500
	JMHB460H-1	BMA40B04610	BMQ40B46050
	JMHB470V-2	BMA40B04610	BMQ40B47050
PC500LC-10 SE	JTHB455-5B	BTA40B45511	BTQ40B45500
	JMHB460H-1	BMA40B04611	BMQ40B46050
	JMHB470V-2	BMA40B04611	BMQ40B47050
PC700/LC 2.9m	JMHB660H-2	BMA40B06600	BMQ40B66050
PC700/LC 3.5/4.3/5.2 m	JMHB670V-1	BMA40B06700	BMQ40B67050
PC950/LC	JMHB870V-1	-	-
	JMHB1270V-1	-	-
PC1250	JMHB1270V-1	BMA100B1270	BMQ100B12750

Recommended combination
Alternative combination

Carrier	Breaker	Direct attached bracket	Lehnhoff coupler bracket
PW98MR	JTHB60-3	BTA05B60051	BTQ08B60050
	JMHB70H-2	BMA08B00701	BMQ08B70050
	JMHB80H-2	BMA08B00701	BMQ08B80050
	JMHB100H-1	BMA08B01001	BMQ08B10050
PW138MR	JTHB60-3	BTA10B60051	BTQ08B60050
	JTHB120-3B	BTA10B12000	BTQ08B12050
	JMHB80H-2	BMA08B00800	BMQ08B80050
	JMHB100H-1	BMA08B01000	BMQ08B10050
	JMHB130H-1	BMA08B01300	BMQ08B13050
PW148	JTHB120-3B	BTA15B12001	BTQ10B12050
PW158	JMHB130H-1	BMA10B01301	BMQ10B13050
PW160	JTHB120-3B	BTA15B12001	BTQ10B12050
PW168	JMHB130H-1	BMA10B01301	BMQ10B13050
	JMHB170H-1	BMA10B01700	BMQ10B17050
PW180	JMHB170H	BMA10B01700	BMQ10B17050
PW198			

WB93R/S	JTHB50-3	BTA05B50052	BTQ08B50050
WB97R/S	JTHB50WB-3	Included	-
	JMHB70H-2	BMA08B00801	BMQ08B70050
	JMHB80H-2	BMA08B00801	BMQ08B80050
SK715	JTHB20-3	BTASKB20050	-
SK815			
SK820			

Recommended combination
Alternative combination

Notes

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