

ATTACHMENTS



B-SERIES

Operating weight: 85 - 4.550 kg
Machine class: 0,9 - 70 t
Komatsu carriers: PC09 - PC700

H-SERIES

Operating weight: 65 - 4.668 kg
Machine class: 0,9 - 80 t
Komatsu carriers: PC09 - PC800

V-SERIES

Operating weight: 1.450 - 7.754 kg
Machine class: 18 - 130 t
Komatsu carriers: PC210 - PC1250

Walk-Around

Komatsu 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

- Nitrogen-type
- Straightforward, powerful
- Unbeatable reliability
- Optional automatic greasing



B-SERIES

Operating weight: 85 - 4.550 kg
Machine class: 0,9 - 70 t
Komatsu carriers: PC09 - PC700

H-series

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



H-SERIES

Operating weight: 65 - 4.668 kg
Machine class: 0,9 - 80 t
Komatsu carriers: PC09 - PC800

V-SERIES

Operating weight: 1.450 - 7.754 kg
Machine class: 18 - 130 t
Komatsu carriers: PC210 - PC1250

V-series

- Accumulator-type
- 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 tunneling

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 give you 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 propose market-leading reliability. The optional automatic lubrication can extend their lifetime even further.



JTHB20-3
Optional accessories for SSL



JTHB50WB-3
Specifically designed for WB93/97



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



Fully suspended, silent

The fully suspended power cell dampens shockwave transmission, increasing operator comfort, reducing noise and protecting the carrier.

Accumulator-free technology

The integrated nitrogen gas cushion absorbs the piston recoil energy and recycles it for the next blow. High quality seals prevent ill-timed and frequent refills!

Blank firing protection

Piston movement is stopped when insufficient pressure is applied on the tool. This prevents damage to the tie rods, retaining pins and tools.

Two moving components

To keep operating and maintenance cost down, 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. This means fewer parts need to be replaced, repairs are straightforward, reliability is unbeatable.

High quality tools

Komatsu Genuine tools are much more than just machined pieces of steel. The best alloys guarantee a long wear life. Delicate heat treatment result in a faultless and tough product. Careful and precise machining ensure the piston impacts the tool at the right moment for maximum energy transfer.



Optional automatic lubrication

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

B-SERIES

Models: 15

Operating weight: 85 - 4.550 kg

Machine class: 0,9 - 70 t

Komatsu carrier: PC09 - PC700

Oil flow: 18 - 390 l/min

Tool diameter: 40 - 178 mm

H-series Hydraulic Breakers



An ace up their sleeve

Fifteen new models join the Komatsu hydraulic breaker range. 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.

COMPACT range

Eleven breakers, from 65 to 1.190 kg cover the utility and midi excavator segment. These breakers are designed with a compact and light body, improving machine stability, operator visibility and comfort. The inside is simple and reliable: no tie rods, but with high quality components, automatic pressure regulation, high back pressure tolerance and blank firing protection.

LARGE range

Four heavy-duty breakers designed to obliterate any material in their path. Suitable for carriers between 20 to 80 t, these breakers will automatically adjust their working frequency depending on the hardness of the material. Other features? Heavy-duty housing and build, automatic greasing, blank firing protection, swivel hose couplings, field-replaceable bushings, overflow protection, adjustable pressure regulation, integrated dust extraction, and more.



JMHB35H-1
Hose protection frame



Automatic greasing system
Optional on JMHB100H-1,
standard on all larger models



Swivel hose coupling
Extends hose lifetime



Nitrogen accumulator
Constant power over time

Large diaphragm accumulator

Full power, day after day. Smoothens pressure spikes, protecting the carrier.

Advanced blank firing protection as standard

Protect your investment! Piston movement is not interrupted, but impact is prevented by a hydraulic brake. Saves time and money.

High back pressure tolerance

The H-series utility breakers can work on any machine, thanks to their high tolerance for back pressure.

Pressure regulator valve

Maintains a constant operating pressure, providing powerful impact strokes, whatever the conditions. On some models, the valve can also divert up to 15% of excessive flow, protecting the breaker from damage.

Compact and light housing

The H-series utility breakers are incredibly compact, enabling better operator visibility and greater stability and comfort.

Fully suspended, silent

The fully suspended powercell reduces shock wave transmission, resulting in higher operator comfort and less noise.

Automatic greasing system

Optional on JMHB100H-1 and standard on all larger models, the automatic greasing system continuously provides the optimal amount of grease to the breaker.

Automatic 2-speed selection

200% energy variation in 1s. Fully-automatic speed selection allows for maximum production capacity in any condition and protects the breaker from excessive impact forces.

Swivel hose couplings

The hoses are connected on articulated couplings, allowing them to move freely, for less breakage risk and a longer lifetime.

Right tool for each job

Standard: Moil point, pyramid, chisel or blunt tool

Specials: Special tools are available for dust extraction, super abrasive applications or work in soft ground.



H-SERIES

Models: 15

Operating weight: 65 - 4.668 kg

Machine class: 0,9 - 80 t

Komatsu carrier: PC09 - PC800

Oil flow: 12 - 380 l/min

Tool diameter: 37 - 190 mm

V-series Hydraulic Breakers

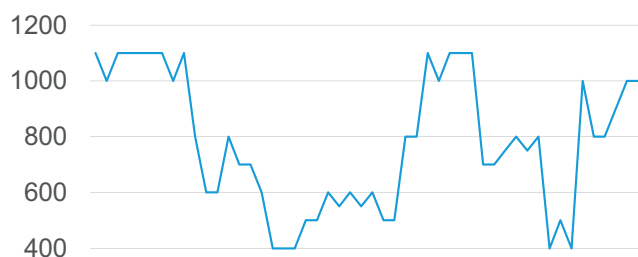


Unrivalled productivity and lowest cost per ton

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

They fully modulate their impact force and frequency to match the application's requirements, with no wasted energy and, therefore, with a much higher operating efficiency. A patented valve recuperates energy and further improves this efficiency.

As with the H-series, many features such as the automatic greasing, advanced blank firing protection, swivel hose couplings and heavy-duty housing are standard. In addition, patented bushing protects the tool and retaining pins by absorbing any torque on the tool.



300% energy variation in 1s

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.

Integrated automatic lubrication as standard

Provides continuous greasing, extending the lifetime of the bushings and tool, protecting your investment.

Pressure regulator valve

Maintains a constant operating pressure, providing powerful impact strokes, whatever the conditions.

Fully suspended, silent

The fully suspended powercell reduces shock wave transmission, resulting in higher operator comfort and less noise.

Large diaphragm accumulator

Full power, day after day. Smoothens pressure spikes, protecting the carrier.

Swivel hose couplings

The hoses are connected on articulated couplings, allowing them to move freely, for less breakage risk and a longer lifetime.

Patented overflow protection

These breakers are protected from accidental flow adjustments thanks to a patented overflow protection system.

Energy recovery valve

More than 90% energy recovery, making them the most efficient breakers in their class!

Advanced blank firing protection as standard

Protect your investment! Piston movement is not interrupted, but impact is prevented by a hydraulic brake. Saves time and money.

Tool Protection System

Torque on the tool is absorbed by the TPS bushing, instead of the retaining pins. In combination with bronze bushing, this dramatically extends the tool's lifetime.

The right tool for the job

Choice of various tools for each type of application.

Standard: Moil point, pyramid, chisel or blunt tool

Specials: Special tools are available for dust extraction, super abrasive applications or work in soft ground.

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.



V-SERIES

Models: 6

Operating weight: 1.450 - 7.754 kg

Machine class: 18 - 130 t

Komatsu carrier: HB215LC - PC1250

Oil flow: 120 - 550 l/min

Tool diameter: 122 - 214 mm

Model Listing

B-series Hydraulic Breakers

Model		JTHB08-3	JTHB10-3	JTHB20-3	JTHB30-3	JTHB40-3	JTHB50-3	JTHB50WB-3	JTHB60-3
Operating weight	kg	90	120	165	255	320	385	325	570
Oil flow (min-max)	l/min	18-25	20-30	20-35	25-45	30-55	35 - 60	35 - 60	40 - 70
Operating pressure	MPa	6 - 13	7 - 14	8 - 15	10 - 15	10 - 16	10 - 16	10 - 16	10 - 16
Impact rate	bpm	930 - 1.300	700 - 1.200	600 - 1.150	550 - 1.000	580 - 1.060	550 - 1.000	550 - 1.000	600 - 1.050
Tool diameter	mm	40	45	50	58	64	75	75	95
Max. back pressure	MPa	1,6	1,9	1,7	1,8	2	1,9	1,9	1,8
Carrier size	ton	0,7 - 1,5	1 - 2	1,5 - 2,5	2,4 - 4	3 - 4,5	3,8 - 6	3,8 - 6	6 - 11
Komatsu carriers		PC09 PC14R PC16R	PC18MR	PC22MR PC26MR SK714 SK815/820	PC30MR PC35MR	PC45MR	PC55MR	WB93R/S WB97R/S	PC80MR PC88MR PC118MR PW98MR PW118MR

Model		JTHB120-3B	JTHB160-1	JTHB210-3B	JTHB290-2	JTHB350-3B	JTHB450-3	JTHB650-1
Operating weight	kg	950	1.240	1.830	2.250	2.700	3.600	4.550
Oil flow (min-max)	l/min	80 - 120	100 - 140	160 - 200	160 - 210	180 - 230	240 - 300	280 - 390
Operating pressure	MPa	14 - 18	12 - 17	14 - 18	14 - 18	13 - 18	14 - 18	14 - 18
Impact rate	bpm	450 - 720	430 - 600	450 - 630	370 - 490	380 - 450	370 - 470	370 - 470
Tool diameter	mm	105	115	135	140	146	160	178
Max. back pressure	MPa	1,9	2	1,9	2	2	2,2	2,1
Carrier size	ton	8 - 14	14 - 20	18 - 25	20 - 30	27 - 40	38 - 50	45 - 70
Komatsu carriers		PC138US PW148	PC170LC PW160 PW180	HB215LC PC210 PC230 PC228USLC PC240	PC290	PC360 HB365	PC490	PC700



H-series Hydraulic Breakers

Model		JMHB09H-1	JMHB15H-1	JMHB21H-1	JMHB35H-1	JMHB45H-1	JMHB55H-1	JMHB70H-1	JMHB80H-1
Operating weight	kg	65	90	110	150	225	275	365	445
Oil flow (min-max)	l/min	10 - 23	15 - 30	17 - 35	25 - 50	30 - 65	40 - 75	55 - 100	70 - 120
Operating pressure	MPa	12	12	12	12	12	12	12	12
Impact rate	bpm	725 - 1.460	800 - 1.600	825 - 1.700	770 - 1.550	600 - 1.360	630 - 1.420	700 - 1.540	700 - 1.440
Tool diameter	mm	37	45	47	55	65	72	76	84
Max. back pressure	MPa	2	3,5	3,2	3,2	3	3	2	2
Carrier size	ton	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	PC14R PC16R	PC18MR	PC22MR PC26MR PC30MR PC35MR	PC45MR	PC55MR	-	PC80MR PC88MR PW98MR

Model		JMHB100H-1	JMHB130H-1	JMHB170H-1	JMHB220H-1	JMHB360H-1	JMHB460H-1	JMHB660H-1
Operating weight	kg	498	730	1.120	1.884	2.571	3.261	4.668
Oil flow (min-max)	l/min	75 - 125	80 - 140	100 - 150	140 - 220	175 - 250	250 - 320	280 - 380
Operating pressure	MPa	13	14	12	16,5	15,5	17,5	18,5
Impact rate	bpm	600 - 1.137	420 - 870	400 - 800	320 - 720	320 - 560	350 - 700	300 - 610
Variable speeds		-	-	1	2	2	2	2
Automatic greasing		Optional	Standard	Standard	Standard	Standard	Standard	Standard
Tool diameter	mm	94	106	118	140	160	175	190
Max. back pressure	MPa	2	1,5	1	2,5	2,5	1,5	1,5
Carrier size	ton	7 - 14	8 - 18	15 - 25	20 - 35	27 - 40	35 - 60	45 - 80
Komatsu carriers		PC118MR PW118MR	PC138US PW148	PC170LC PW160 PW180	HB215LC PC210 PC230 PC228USLC PC240 PC290	PC360 HB365	PC490	PC700 PC800

V-series Hydraulic Breakers

Model		JMHB230V-1	JMHB370V-1	JMHB470V-1	JMHB670V-1	JMHB870V-1	JMHB1270V-1
Operating weight	kg	1.450	2.547	3.430	5.589	6.200	7.754
Oil flow (min-max)	l/min	120 - 170	180 - 265	240 - 320	380 - 420	-	450 - 550
Operating pressure	MPa	13,5	16,5	16,5	16,5	-	17
Impact rate	bpm	285 - 1.050	345 - 1.160	330 - 1.045	380 - 950	-	360 - 420
Variable speeds		15	15	15	15	Continuous	Continuous
Automatic greasing		Standard	Standard	Standard	Standard	Standard	Standard
Tool diameter	mm	122	150	170	202	-	214
Max. back pressure	MPa	0,8	0,8	0,8	0,8	-	1
Carrier size	ton	18 - 30	27 - 40	35 - 50	45 - 75	-	75 - 120
Komatsu carriers		HB215LC PC210 PC230 PC228USLC PC240 PC290	PC360 HB365	PC490	PC700	PC800	PC1250

Matching Tables

Carrier	Breaker	Direct attached bracket	Lehnhoff coupler bracket
PC09	JTHB08-3	BTAX5PB08000	BTQ01B08050
	JMHB09H-1	BMA01B00090	BMQ01B09050
PC14R PC16R	JTHB08-3	BTA01PB08000	BTQ01B08050
	JMHB15H-1	BMA01B00150	BMQ01B15050
PC18MR	JTHB08-3	BTA01PB08000	BTQ01B08050
	JTHB10-3	BTA01PB10000	BTQ01B10050
	JMHB21H-1	BMA01B00150	BMQ01B21050
PC22MR	JTHB10-3	BTA02PB10000	BTQ03B10050
	JTHB20-3	BTA02PB20001	BTQ03B20050
	JMHB35H-1	BMA03B00350	BMQ03B35050
PC26MR	JTHB20-3	BTA03PB20001	BTQ03B20050
	JMHB35H-1	BMA03B00350	BMQ03B35050
PC30MR	JTHB20-3	BTA03PB20001	BTQ03B20050
	JTHB30-3	BTA03PB30001	BTQ03B30050
	JMHB35H-1	BMA03B00351	BMQ03B35050
	JMHB45H-1	BMA03B00450	BMQ03B45050
PC35MR	JTHB30-3	BTA03PB30001	BTQ03B30050
	JMHB35H-1	BMA03B00351	BMQ03B35050
	JMHB45H-1	BMA03B00450	BMQ03B45050
PC45MR	JTHB40-3	BTA04PB40001	BTQ03B40050
	JMHB45H-1	BMA03B00451	BMQ03B45050
	JMHB55H-1	BMA03B00451	BMQ03B55050
PC55MR	JTHB40-3	BTA04PB40001	BTQ03B40050
	JTHB50-3	BTA04B50051	BTQ03B50050
	JMHB45H-1	BMA03B00451	BMQ03B45050
PC80MR	JTHB60-3	BTA05B60050	BTQ08B60050
	JMHB70H-1	BMA08B00700	BMQ08B70050
	JMHB80H-1	BMA08B00700	BMQ08B80050
PC88MR	JTHB60-3	BTA05B60051	BTQ08B60050
	JMHB70H-1	BMA08B00701	BMQ08B70050
	JMHB80H-1	BMA08B00701	BMQ08B80050
PC118MR	JTHB60-3	BTA10B60051	BTQ08B60050
	JTHB120-3B	BTA10B12000	BTQ08B12050
	JMHB80H-1	BMA08B00800	BMQ08B80050
	JMHB100H-1	BMA08B01000	BMQ08B10050
PC138US	JMHB130H-1	BMA08B01300	BMQ08B13050
	JTHB120-3B	BTA15B12000	BTQ10B12050
	JTHB160-1	BTA15B16000	BTQ10B16050
PC170LC	JMHB130H-1	BMA10B01300	BMQ10B13050
	JTHB160-1	BTA20B16000	BTQ10B16050
	JMHB170-1	BMA10B01700	BMQ10B17050
HB215LC	JTHB210-3B	BTA25B21000	BTQ21B21050
PC210/LC/NLC	JMHB170H-1	BMA21B01700	BMQ25B17050
PC230NHD	JMHB220H-1	BMA21B02200	BMQ25B22050
PC228USLC	JMHB230V-1	BMA21B02200	BMQ25B23050
PC240LC/NLC	JTHB210-3B	BTA30B21000	BTQ21B21050
	JTHB290-2	BTA30B29050	BTQ21B29050
	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	BTQ25B21050
	JTHB290-2	BTA35B29050	BTQ25B29050
	JTHB350-3B	BTA35B35000	BTQ25B35050
	JMHB220H-1	BMA25B02200	BMQ25B22050
	JMHB230V-1	BMA25B02200	BMQ25B23050
PC360LC/NLC HB365LC/NLC	JMHB370V-1	BMA25B03700	BMQ25B37050
	JTHB350-3B	BTA35B35001	BTQ25B35050
	JMHB360H-1	BMA25B03600	BMQ25B36050
PC490/LC	JMHB370V-1	BMA25B03600	BMQ25B37050
	JTHB450-3	BTA40B45000	BTQ40B45050
PC700/LC 2.9m	JMHB460H-1	BMA40B04600	BMQ40B46050
	JMHB470V-1	BMA40B04600	BMQ40B47050
	JTHB650-1	BTA60B65050	BTQ40B65050
PC800	JMHB660H-1	BMA40B06600	BMQ40B66050
	JMHB670V-1	BMA40B06700	BMQ40B67050
	JMHB660H-1	On request	BMQ40B66050
PC1250	JMHB870V-1	On request	BMQ100B87050
	JMHB1270V-1	On request	BMQ100B12750
PW98MR	JTHB60-3	BTA05B60051	BTQ08B60050
	JMHB70H-1	BMA08B00701	BMQ08B70050
	JMHB80H-1	BMA08B00701	BMQ08B80050
	JMHB100H-1	BMA08B01001	BMQ08B10050
PW118MR	JTHB60-3	BTA10B60051	BTQ08B60050
	JTHB120-3B	BTA10B12000	BTQ08B12050
	JMHB80H-1	BMA08B00800	BMQ08B80050
	JMHB100H-1	BMA08B01000	BMQ08B10050
	JMHB130H-1	BMA08B01300	BMQ08B13050
PW148	JTHB120-3B	BTA15B12001	BTQ10B12050
	JMHB130H-1	BMA10B01301	BMQ10B13050
PW160	JTHB120-3B	BTA15B12001	BTQ10B12050
	JTHB160-1	BTA15B16000	BTQ10B16050
	JMHB130H-1	BMA10B01301	BMQ10B13050
PW180	JMHB170H-1	BMA10B01700	BMQ10B17050
	JTHB160-1	BTA20B16000	BTQ21B16050
WB93R/S WB97R/S	JMHB170H-1	BMA10B01700	BMQ10B17050
	JMHB80H-1	BMA10B01801	BMQ08B80050
	JTHB50-3	BTA05B50052	BTQ08B50050
SK714-5 SK815-5 SK820-5	JTHB50WB-3	Included	-
	JMHB70H-1	BMA08B00801	BMQ08B70050
	JMHB80H-1	BMA08B00801	BMQ08B80050
SK714-5 SK815-5 SK820-5	JTHB20-3	BTASKB20050	-
	JTHB20-3	BTASKB20050	-

Recommended combination
Alternative combination

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

FENS00970 02/2019

KOMATSU is a trademark of Komatsu Ltd. Japan.