Powerking

Hydraulic Breakers & Attachments

www.powerkingmc.com



Powerking Corporation

Product Process

Factory View



Machining



Body Heat Treatment



Polishing



Sub Zero Process



Piston Grinding



Chisel Heat Treatment



Hardness Inspection



Assembly Line



After Sales Service



Suitable Excavator for Powerking Breakers

Model	CAT	KOMATSU	HITACHI	HYUNDAI	DOOSAN	VOLVO	KOBELCO	JCB	CASE
PK10T PB10T	300-9 301-5	PC05 PC07	ZX10 EX8	HX15R	S010	EC13	SK10 SK007-2	801	CK08
PK20T PB20T	301-6 301-7 301-8	PC10 PC15	EX15 ZX17 ZX22	R16	S015	EC14 EC15	SK13 SK17 SK20	8014 8015 8016 8017 8018	CX15B CX17B CX18B
PK30T PB30T	302-4 302-5 302-7 303-5	PC20 PC27 PC30 PC35	EX25 EX40 ZX27 ZX30 ZX35	R27 R35 R36	DX27 DX30 DX35	EC20 EC25 EC27 EC30 EC35 ECR25 ECR28	SK27 SK30 SK35	8025 8027 8030 8032	CX26B CX30B CX35B
PK45T PB45T	303CR 305CR	PC40 PC45 PC50	EX45 ZX40 ZX50	R55	DX55	EC45 EC50 ECR38 ECR48	SK40 SK50	8040 8045	CX39B CX45B
PK60T PB60T	308CR 416B	PC60	EX58 EX60 ZX50 ZX70	R55 R60	DX60	EC55 ECR58	SK70	8052 8060	CX50B
PK70T PB70T	446B E70B 307	PC70 PC78 PC80	EX60 ZX70	R60 R80	DX80	EC70 ECR88	SK70	8080	CX80
PK100T PB100T	E110B 205 206 311 312	PC100 PC120 PC130	EX100 EX120 ZX120	R110	S130W	EC140	SK100 SK125	JS115	CX130B
PK150T PB150T	314 315 316 214B 525B	PC150 PC160	EX130 EX150 ZX160	R140 R145 R160	DX180	EC160 ECR145	SK130 SK135	JS130 JS145 JS160	CX160B
PK220T~250T PB220T~250T	318 320 321 322 E220 E240 225	PC180 PC200 PC220 PC230 PC240	EX200 EX210 EX220 EX225 EX230 ZX180 ZX200 ZX240	R180 R200 R210 R220 R235 R250	S255 DX225 DX255	EC180 EC210 EC220 EC235 EC240 EC250 ECR235	SK200 SK210 SK235 SK250 SK260	JS180 JS190 JS200 JS210 JS220 JS235HD JS240 JS260	CX210B CX240B
PK350T~380T PB350T~380T	E300 229 231 324 325 329 330	PC270 PC280 PC300 PC350	EX270 EX280 EX300 EX310 EX350 ZX270 ZX330	R290 R300 R305 R320 R330	DX300 DX340	EC290 EC300	SK290 SK295 SK330	JS290 JS330	CX290B
PK450T~480T PB450T~480T	235 328 330 336 345 E450	PC340 PC400 PC450	EX370 EX400 EX450 ZX380 ZX400 ZX450 ZX470	R370 R380 R450	DX350 DX420	EC340 EC360 EC380	SK350	JS360	CX350B CX370B
PK500T~550T PB500T~550T	245 349 350 365	PC600 PC650 PC750	EX550 ZX520 ZX670	R480 R500 R520	DX480 DX520 S500	EC460 EC480	SK460 SK480	JS460	CX470B

Hydraulic Breaker

PK Series (Open type)

- Great power
- Excellent durability
- Fantastic efficiency at hard and sticky rock
- HARDOX steel material in Lower Bracket over PK220T



▲ Strong Bracket
- Additional HARDOX welding



▲ New type Through bolt
- Fully tighten and long life



Standard Specification- Open type

Description	Model	PK10T	PK20T	PK30T	PK45T	PK60T	PK70T	PK100T	PK150T
Operating Weight	kg	70	90	150	275	440	550	870	1,350
	lbs	154	198	330	605	968	1210	1914	2970
Overall Height	mm	1065	1200	1240	1570	1840	2316	2496	2545
	inch	41.9	47.2	48.8	61.8	71.0	91.2	98.3	100.2
Operating Pressure	kg/cm²	90~120	90~120	90~120	100~130	100~130	130~160	150~170	150~170
	psi	1278~1706	1278~1706	1278~1706	1420~1866	1420~1866	1866~2130	2130~2614	2130~2614
Required Oil Flow	Lpm	15~30	20~40	25~50	40~70	50~90	60~100	80~110	90~120
	Gpm	3.9~7.9	5.3~10.5	6.6~13.2	10.5~18.4	13.1~23.7	15.8~26.3	21.1~29.0	23.8~31.7
Number of Blow	bpm	800~1200	600~1000	550~950	450~900	400~800	400~800	400~700	400~525
Hose Diameter	inch	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"
Chisel Diameter	mm	40	45	53	68	80	85	100	120
	inch	1.6	1.8	2.1	2.7	3.1	3.3	3.9	4.7
Suitable Excavator	ton	0.5~1.5	0.8~3	1.2~4	4~7	5.9	8~11	9~14	15~18

※ The above specifications are subject to change without prior notice for the quality improvement.

Worksite of Powerking Breakers








Description \ Model		PK220T	PK230T	PK250T	PK350T	PK380T	PK450T	PK480T	PK500T	PK550T
Operating Weight	kg	1860	1900	1930	2600	2550	3100	3310	4050	4750
	lbs	4092	4180	4246	580	5610	6820	7260	910	10450
Overall Height	mm	2700	2700	2757	3015	3200	3300	3400	3657	3760
	inch	106.3	106.3	108.5	118.7	126.0	129.9	133.8	144.0	148.0
Operating Pressure	kg/cm²	160~180	160~180	160~180	160~190	160~190	160~190	160~190	160~190	160~190
	psi	2272~2556	2272~2556	2272~2556	2272~2698	2272~2698	2272~2698	2272~2698	2272~2698	2272~2698
Required Oil Flow	Lpm	130~150	130~150	130~180	150~190	180~240	190~250	200~260	210~290	250~320
	Gpm	34.3~39.6	34.3~39.6	34.3~47.5	39.4~50.1	47.4~63.3	50.1~65.9	52.8~68.6	55.4~76.5	66.0~84.4
Number of Blow	bpm	360~460	340~440	340~440	320~400	300~400	250~350	250~350	200~350	200~300
Hose Diameter	inch	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Chisel Diameter	mm	135	135	140	150	155	160	165	175	180
	inch	5.3	5.3	5.5	5.9	6.1	6.3	6.5	6.9	7.1
Suitable Excavator	ton	18~22	18~22	20~26	28~35	32~38	35~45	38~45	40~55	50~70

Hydraulic Breaker
PB Series (Box type)

PB Series will satisfy you with our abundant experience for rock breaking

- Enhanced breaking power
- Excellent durability
- Low noise and vibration
- Precise operation





▲ Auto Greasing System



▲ Application of HARDOX MATERIAL in lower bracket



▲ Choose Heat Proof - Damper

Standard Specification- Box type

Description \ Model		PB10T	PB20T	PB30T	PB45T	PB60T	PB70T	PB100T	PB150T
Operating Weight	kg	80	130	160	300	660	570	950	1300
	lbs	176	286	352	660	1012	1254	2090	2860
Overall Height	mm	1120	1350	1420	1590	1900	1950	2340	2450
	inch	44.1	53.2	55.9	62.6	74.8	76.8	92.1	96.5
Operating Pressure	kg/cm²	90~120	90~120	90~120	100~130	100~130	130~160	150~170	150~170
	psi	1278~1704	1278~1704	1278~1704	1420~1846	1420~1846	1846~2130	2130~2414	2130~2414
Required Oil Flow	Lpm	15~30	20~40	25~50	40~70	50~90	60~100	80~110	90~120
	Gpm	3.9~7.9	5.3~10.5	6.6~13.2	10.5~18.4	13.1~23.7	15.8~26.3	21.1~29.0	23.8~31.7
Number of Blow	bpm	800~1200	600~1000	550~950	450~900	400~800	400~800	400~700	400~525
Hose Diameter	inch	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"
Chisel Diameter	mm	40	45	53	68	80	85	100	120
	inch	1.6	1.8	2.1	2.7	3.1	3.3	3.9	4.7
Suitable Excavator	ton	0.5~1.5	0.8~3	1.2~4	4~7	5.9	8~11	9~14	15~18

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Worksite of Powerking Breakers








Description \ Model		PB220T	PB230T	PB250T	PB350T	PB380T	PB450T	PB480T	PB500T	PB550T
Operating Weight	kg	1790	1830	1850	2260	2480	2850	3150	3600	4300
	lbs	3938	4026	4070	4928	5456	6270	6930	7920	9460
Overall Height	mm	2650	2650	2720	2850	3180	3280	3470	3620	3730
	inch	104.3	104.3	107.1	112.2	125.2	129	136.6	142.5	146.9
Operating Pressure	kg/cm^2	160~180	160~180	160~180	160~190	160~190	160~190	160~190	160~190	160~190
	psi	2272~2556	2272~2556	2272~2556	2272~2698	2272~2698	2272~2698	2272~2698	2272~2698	2272~2698
Required Oil Flow	Lpm	130~150	130~150	130~180	150~190	180~240	190~250	200~260	210~290	250~320
	Gpm	34.3~39.6	34.3~39.6	34.3~47.5	39.4~50.1	47.4~63.3	50.1~65.9	52.8~68.6	55.4~76.5	66.0~84.4
Number of Blow	bpm	360~460	340~440	340~440	320~400	300~400	250~350	250~350	200~350	200~300
Hose Diameter	inch	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Chisel Diameter	mm	135	135	140	150	155	160	165	175	180
	inch	5.3	5.3	5.5	5.9	6.1	6.3	6.5	6.9	7.1
Suitable Excavator	ton	18~22	18~22	20~26	28~35	32~38	35~45	38~45	40~55	50~70

Hydraulic Breaker

Backhoe Loader Type



Description	Unit	PK45BL
Operating Weight	kg	350
Overall Height	mm	1660
Operating Pressure	kg/cm²	100~130
Oil Flow	Lpm	40~70
Rod Diameter	mm	68
Suitable Machine	ton	4~7 ton Backhoe Loader



Attachments







Quick Coupler



- Quick link is available for the rapid exchange of attachments or bucket.
- Push type & Pull type.

Description	Unit	PKEQ150	PKEQ200
Operating Weight	kg	154	358
Arm Width	mm	250~280	305~340
Required Oil Flow	Lpm	10~20	10~20
Operating Pressure	kg/cm²	40	40
Suitable Excavator	ton	10~17	18~25

Mini Crusher



- Increased operating stability for mini excavators.
- Secure powerful crushing force with one cylinder type.

Description	Unit	PKC15	PKC30	PKC50
Overall Weight	kg	192	345	490
Overall Length	mm	1090	1310	1440
Overall Width	mm	690	862	945
Max Opening Width	mm	372	464	550
Crushing Force	ton	23	28	54
Suitable Excavator	ton	1~2	2~4	4~7

Attachments
Demolition Series

Crusher



- Primary crushing.
- Two cylinder and rotation type.
- Very strong power and fast motion.
- Suitable for separating and cutting steel bars as well as breaking columns.
- Jaw choice for various operations.

Description	Unit	PKC200	PKC300
Operating Weight	kg	1690	2630
Operating width of jaw	mm	886	1163
Cutting Force	Ton	108	171
Operating Pressure	kg/cm²	300	320
Suitable Excavator	ton	18~26	26~32

Pulverizer



- Secondary crushing.
- This machine is an efficient attachment for the separation of concrete and steel.
- It's also used to reduce the volume of the concrete structures in the recycling.

Description	Unit	PKP200	PKP300
Operating Weight	kg	1800	2350
Operating width of jaw	mm	850	920
Cutting Force	Ton	120	195
Operating Pressure	kg/cm²	300	320
Suitable Excavator	ton	18~26	26~32

Shear



- Two cylinder & Rotation Type.
- Machine for cutting section bars, pipes, H-beams.
- Jaw choice for various operations.

Description	Unit	PKS200	PKS300
Operating Weight	kg	1760	2800
Operating width of jaw	mm	522	603
Cutting Force	Ton	127	197
Operating Pressure	kg/cm²	300	320
Suitable Excavator	ton	18~26	26~32

Attachments

Grapple Series

- Using HARDOX steel for high strength & abrasion resistant arms
- Unlimited clockwise and anti-clockwise 360 degree rotation
- Wide Arm opening
- Minimized weight





Scrap Grapple



- All pin-holes in the heat-treated parts increase wear resistance bushing inserts extend the life of equipment.
- Install protection guards for cylinder rod.
- Bulk scrap metal and scratched paper up/ get off work.
- Industry, environmental waste up / get off work.

Description	Unit	PKSG-08B	PKSG-10B
Operating Weight	kg	1500	1850
Max Operating width	mm	1939	2013
Lifting Capacity	kg	8200	9500
Suitable Excavator	ton	18~25	28~35

Stone Grapple



- Tooth can be replaced by the application.
- Stone, wood timber transport and up/get off work.
- Industrial waste disposal operations.

Description	Unit	PKST-08B	PKST-10B
Operating Weight	kg	1526	1804
Max Operating width	mm	1739	1950
Lifting Capacity	kg	8200	10300
Suitable Excavator	ton	18~25	28~35

Wood Grapple



- Hardwood up / get off work.
- Industry, environmental waste up / get off work.
- Available for rails and sleepers(rail tie) work.

Description	Unit	PKWG-08	PKWG-10
Operating Weight	kg	1300	1700
Max Operating width	mm	1750	1880
Lifting Capacity	kg	8800	950
Suitable Excavator	ton	18~25	28~35

Attachments
Vibro Series





Sheet Pile Driver



- Applicable to retaining work, make shift work, etc. in downtown and all other construction site.
- Using tested high quality anti-vibration rubber, durability exceeds in strong vibration.
- Maximize work efficiency by strong centrifugal force.

Description	Unit	PKPD-22	PKPD-35
Operating Weight	kg	1690	1800
Centrifugal Force	kN	640	1000
Max Frequency	rpm	2700	2700
Working Pressure	kg/cm²	200~250	270~320
Suitable Excavator	Ton	20~33	32~39

Vibro Ripper



- Eco-friendly vibration breaker for crushing any construction sites.
- High work efficiency vs. ordinary breaker.
- Underwater work possible without separate device.

Description	Unit	PKVR-20	PKVR-30
Operating Weight	kg	2500	3150
Working Pressure	kg/cm²	210~220	240~250
Max Frequency	rpm	1500	1400
Suitable Excavator	Ton	18~26	22~30

Vibro Compactor



- Excellent solution to compact soil, asphalt and concrete.
- Useful for road construction, foundation & backfill.
- Strong frequency & longer life time of damper.

Description	Unit	PKVR-06	PKVR-08
Operating Weight	kg	644	1060
Working Pressure	kg/cm²	150~210	170~220
Max Frequency	rpm	1800	2000
Suitable Excavator	Ton	13~16	18~25

» Toward the world job sites...

Japan



Lebanon



Saudi Arabia



Philippine



India



Qatar



Malaysia



HongKong



Philippine



» Other Products

Super Wedge



Rock Drill Sqare Parts



Hyd. Pump & Spare Parts



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