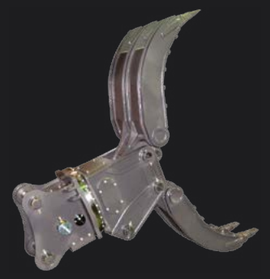
CE EAC



Stone Grap

Mini Fork

Vibro Hammer

Pulverizer

Mini Hyd. Thumb

Coupler

Bucket Crusher

Rotating Link (Coupler)

Track Screw

PTC2011

Factory

61-8, Cheongwonsandan3-Gil, Mado-Myeon,
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Authorized Dealer

Power Trader
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Breaker
Crusher
Pulverizer
Shear
Compactor
Coupler
Vibro Ripper
Vibro Hammer
Bucket Crusher
Multi Processor
Multi Grap

INTRODUCTION

Greetings

Since establishment in 2009, we have been supplying excavator attachments and spare parts to global market.
Owing to continuous efforts to improve quality and service supported by advanced technology, we have now built stabilized production system to keep up with various customers' needs maintaining reliable performance.
This is how we were able to be the powerful leader in Hydraulic attachment business in several countries where the competition between many breaker brands is so tough.
Now, we are on a stage to expand our share in global market and we welcome motivated enterprises from many countries who are willing to handle our products. We are open to discuss with you and your proposal is always welcomed.
We hope to grow higher and stronger together with our dealers and valued customers.

Mission Statement

- Always supply guaranteed & error-free products
- Always provide customers with best services and fastest parts delivery
- Keep up with advanced hydraulic technology.
- Make sure to best support dealers
- Always try to locate qualified suppliers of special equipements and parts



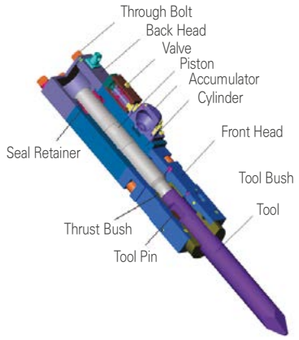
HYDRAULIC BREAKER

PowerTrader breakers are designed to best perform both impact energy and durability, finally resulting in maximum productivity. Each and every optimal parts are result of long experiences in manufacturing hydraulic hammer, and we will keep searching for higher & more advanced technologies.

Structure

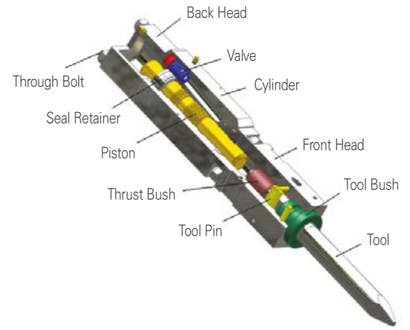
According to the location of Valve, we apply 2 different types of Powercell.
Valve Inward type has Main Valve inside Cylinder block, while Valve Outward type has Main Valve attached to Cylinder block.

Valve OUTward Type



Applied Hammer Models :
PB1500 / PB2000 / PB3600 /
PB4200 / PB4700 / PB5000 / PB7000

Valve INward Type



Applied Hammer Models :
PB100 / PB150 / PB200 / PB300 / PB350 / PB400 /
PB1000 / PB1300 / PB1700 / PB2500 / PB4000

Through Bolt	Assemble & hold the front head, cylinder and back head tightly. They need to be inspected for loosening and re-tightened weekly according to specified torque. Quality and tightness of Through Bolt is very important to ensure the durability of the breaker.
Back Head	Contains the cushion chamber charged with Nitrogen(N2) gas that compresses during upward strokes of the piston, and serves to provide maximum absorption of piston recoil, efficientiy storing this energy for the next blow.
Control valve	The valve controls reciprocal piston action with hydraulic fluid distribution.
Cylinder	Contains the moving piston which strikes the tool. The seals for both ends of the Piston are also located in the Cylinder. The seals for the upper end of the piston are located in a removable Seal Retainer while the seals for the lower end of the piston are located in grooves machined directly into the cylinder.
Accumulator	Reduces the surge pressure and spikes generated from the circiut of excavator. It also increases impact energy. (Applied for PB1500 and bigger models.)
Piston	Designed to deliver maximum energy to the Tool and efficiently reduce recoil from the Tool. Impact power of breaker is decided by the amount of energy delivered by Piston.
Front head	Retains the tool using the tool pins. The tool can be replaced by removing these pins.
Tool	Transfers piston impact power to the objects. We recommend various types of tool according to working conditions.

HYDRAULIC BREAKER

OPEN Type Series

PB150 PB1000 PB1500 PB2000 PB3600 PB4200 PB5000

BOX Type Series

PB150 PB350 PB1000 PB1500 PB2000 PB3600 PB4200 PB5000 PB7000

Technical Specification

Description			PB100	PB150	PB200	PB300	PB350	PB400	PB1000	PB1300	PB1500	PB1700	PB2000	PB2500	PB3600	PB4000	PB4200	PB4700	PB5000	PB7000
Applicable Carrier Weight		ton	0.5~2.0	1.2~3.0	1.5~4.0	3.5~6	5~9	6~11	9~14	10~16	15~18	16~21	18~25	18~26	28~35	28~40	33~45	35~45	45~60	60~80
		lbs	1100~4400	2640~6600	3300~8800	7700~13200	11000~19800	13200~24200	19800~30800	22200~35200	33000~39600	35200~46200	39600~55000	39600~57200	61600~77000	61600~88000	72600~99000	77000~99000	99000~132000	132000~176000
Operating Weight (incl Tool, M/Cap)	Box	kg	140	210	270	360	460	600	950	964	1380	1297	1880	1795	2480	2870	2860	2940	4310	5630
		lb	308	462	594	792	1012	1320	2090	2121	3036	2853	4136	3949	5456	6314	6292	6468	9482	12386
	Top	kg	91	130	160	330	420	580	880	893	1423	1330	1790	1774	2240	2750	3140	3225	4480	5790
		lb	200	286	352	726	924	1276	1936	1965	3131	2926	3938	3903	4928	6050	6908	7095	9856	12738
Operating Pressure		bar	80~110	80~110	90~120	95~130	100~130	130~150	150~170	150~170	150~170	150~170	160~180	160~180	170~190	160~180	170~190	190~230	160~180	165~185
		psi	1160~1595	1160~1595	1305~1740	1378~1885	1450~1885	1855~2175	2175~2465	2175~2465	2175~2465	2175~2465	2320~2610	2320~2610	2466~2756	2320~2610	2466~2756	2756~3336	2320~2900	2320~2900
Setting Pressure		bar	150	150	150	170	170	195	210	210	210	210	210	210	230	230	230	240~250	230	230
		psi	2175	2175	2175	2465	2465	2828	3045	3045	3045	3045	3045	3045	3335	3335	3335	2481~3626	3335	3335
Required Oil flow		l/min	15~30	20~30	25~50	30~50	40~80	45~90	80~100	80~100	90~120	90~120	130~150	120~170	190~250	190~250	190~250	180~200	250~310	300~370
		gal/min	4.0~7.94	5.3~7.94	6.61~13.23	7.93~13.23	10.58~21.16	11.9~23.81	21.16~26.46	21.16~26.46	23.8~31.7	23.8~31.7	34.4~39.7	31.7~47.6	50.3~66.1	50.3~66.1	50.3~66.1	47.6~52.9	66.1~82	66.1~82
Back Head Gas		bar	16	16	16	16	16	16	16	16	6	16~18	6	16~18	6	16~18	8	12~14	16	16
		psi	232	232	232	232	232	232	232	232	87	232~261	87	232~261	87	232~261	116	174~203	232	232
Accumulator Gas		bar	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	60	N/A	60	60	60	60	60	60	60	60
Valve Location			Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Outside	Cyl. Inside	Cyl. Outside	Cyl. Inside	Cyl. Outside	Cyl. Inside	Cyl. Outside	Cyl. Outside	Cyl. Outside	Cyl. Outside
Impact	Rate	bpm	800~1400	600~1200	550~1000	450~900	450~900	400~800	450~700	450~700	400~900	370~600	400~800	400~600	350~750	320~530	300~600	360~520	250~450	220~400
	Energy	joule	210	260	370	730	760	1764	1320	1350	1990	2890	3660	4175	5180	8990	9970	12100	13125	14970
Hose Diameter		inch	0.5"	0.5"	0.5"	0.5"	0.5"	0.75"	0.75"	0.75"	1"	1"	1"	1"	1"	1"	1.25"	1.25"	1.25"	1.25"
Tool	Diameter	mm	40	45	53	68	75	85	100	110	120	125	135	140	150	155	160	165	180	205
		inch	1.57"	1.77"	2.09"	2.68"	2.95"	3.35"	3.94"	4.33"	4.72"	4.92"	5.31"	5.51"	5.91"	6.10"	6.30"	6.50"	7.09"	8.07"

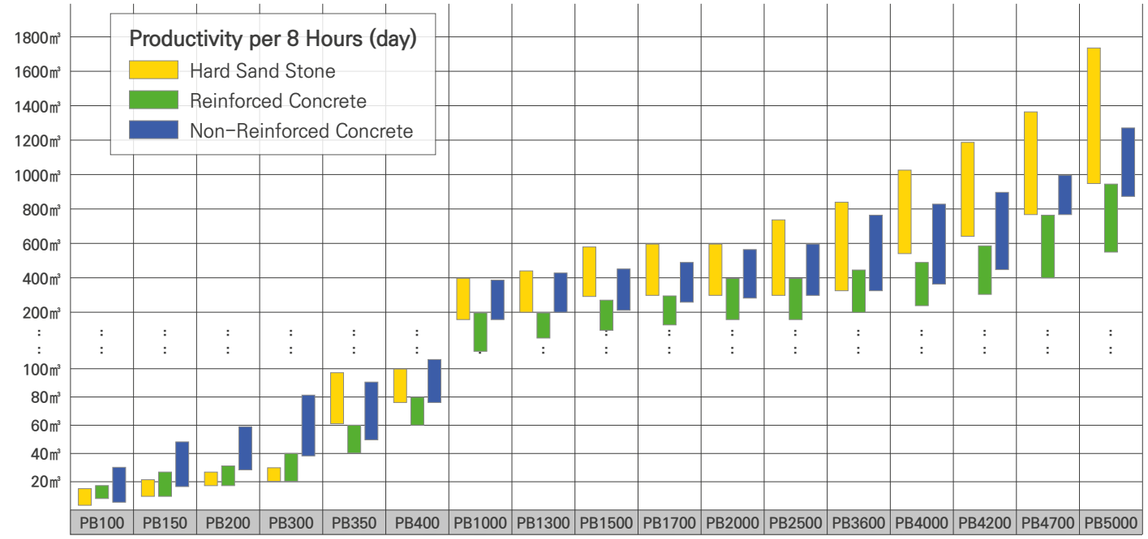
※ Above specifications are subject to change without prior notice for the quality/performance enhancement.

HYDRAULIC BREAKER

Side Type Series

PB350 PB1000 PB2500 PB3600 PB4000

Productivity



Technical Specification

Description			PB100	PB150	PB200	PB300	PB350	PB400	PB1000	PB1300	PB1700	PB2000	PB2500	PB3600	PB4000	PB4200	PB4700	PB5000	PB7000
Applicable Carrier Weight		ton	**0.5~2.0**	**1.2~3.0**	**1.5~4.0**	**3.5~6**	**5~9**	**6~11**	**9~14**	**10~16**	**16~21**	**18~25**	**18~26**	**28~35**	**28~40**	**33~45**	**35~45**	**45~60**	**60~80**
		lbs	1100~4400	2640~6600	3300~8800	7700~13200	11000~19800	13200~24200	19800~30800	22200~35200	35200~46200	39600~55000	39600~57200	61600~77000	61600~88000	72600~99000	77000~99000	99000~132000	132000~176000
Operating Weight	Side	kg	83	118	146	300	382	528	801	813	1255	1629	1697	2038	2503	2857	2950	4077	5397
		lb	182	260	320	661	841	1161	1762	1788	2761	3584	3733	4484	5506	6286	6490	8969	11873
Operating Pressure		bar	80~110	80~110	90~120	95~130	100~130	130~150	150~170	150~170	150~170	160~180	160~180	170~190	160~180	170~190	190~230	160~180	165~185
		psi	1160~1595	1160~1595	1305~1740	1378~1885	1450~1885	1855~2175	2175~2465	2175~2465	2175~2465	2320~2610	2320~2610	2466~2756	2320~2610	2466~2756	2756~3336	2320~2900	2320~2900
Setting Pressure		bar	150	150	150	170	170	195	210	210	210	210	210	230	230	230	240~250	230	230
		psi	2175	2175	2175	2465	2465	2828	3045	3045	3045	3045	3045	3335	3335	3335	2481~3626	3335	3335
Required Oil flow		l/min	15~30	20~30	25~50	30~50	40~80	45~90	80~100	80~100	90~120	130~150	120~170	190~250	190~250	190~250	180~200	250~310	300~370
		gal/min	4.0~7.94	5.3~7.94	6.61~13.23	7.93~13.23	10.58~21.16	11.9~23.81	21.16~26.46	21.16~26.46	23.8~31.7	34.4~39.7	31.7~47.6	50.3~66.1	50.3~66.1	50.3~66.1	47.6~52.9	66.1~82	66.1~82
Back Head Gas		bar	16	16	16	16	16	16	16	16	16~18	6	16~18	6	16~18	8	12~14	16	16
		psi	232	232	232	232	232	232	232	232	232~261	87	232~261	87	232~261	116	174~203	232	232
Accumulator Gas		bar	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	60	60	60	60	60	60	60	60
Valve Location			Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Inside	Cyl. Outside	Cyl. Inside	Cyl. Outside	Cyl. Inside	Cyl. Outside	Cyl. Outside	Cyl. Outside	Cyl. Outside
Impact	Rate	bpm	800~1400	600~1200	550~1000	450~900	450~900	400~800	450~700	450~700	370~600	400~800	400~600	350~750	320~530	300~600	360~520	250~450	220~400
	Energy	joule	210	260	370	730	760	1764	1320	1350	2890	3660	4175	5180	8990	9970	12100	13125	14970
Hose Diameter		inch	0.5"	0.5"	0.5"	0.5"	0.5"	0.75"	0.75"	0.75"	1"	1"	1"	1"	1"	1.25"	1.25"	1.25"	1.25"
Tool	Diameter	mm	40	45	53	68	75	85	100	110	125	135	140	150	155	160	165	180	205
		inch	1.57"	1.77"	2.09"	2.68"	2.95"	3.35"	3.94"	4.33"	4.92"	5.31"	5.51"	5.91"	6.10"	6.30"	6.50"	7.09"	8.07"

※ Above specifications are subject to change without prior notice for the quality/performance enhancement.

HYDRAULIC BREAKER

Tools

To avoid paying lot more later for the whole breaker trouble, we strongly recommend you to ALWAYS use good tools. For this reason, breaker performance cannot be realized and guaranteed without good tool. Breaker Tools are made from alloy steel after complex heat treatment process. Every process of machining, heat treating, cooling and tempering are important and give big differences in properties. Not all tools are same. Use of cheap tools with incorrect properties can bring abnormal wearing on the bushings and pitting&chipping to the piston. To avoid paying more later for the whole breaker, we strongly recomment to use select POWER tools.

- Abex
- All-Kor
- Arrowhead
- Atlas Copco
- Bobcat
- Boohung
- Case
- Case New Holand
- Caterpillar
- Chicago Pneumatic
- D&A
- Daemo
- Dainong
- Dongyang
- Drago
- Epiroc
- Euroram
- Everdigm(Hanwoo)
- Feel Eng
- Furukawa
- GB
- Globram
- Huppenkothen
- ICM
- Indeco
- JAB
- JCB
- Jisung
- Kent
- Komac
- Komatsu
- Krupp
- Kubota
- Kwanglim
- Lifton
- Miracle
- MKB(Yoohan)
- Montabert
- MSB
- MST
- Neuson
- NBK
- OK Tec
- Okada
- Poqutec
- Powerking
- Rammer
- Rotair
- Sandvik
- Socomec
- Soosan
- Stanley
- Taishin
- Takeuchi
- Toku
- Topa
- Torpedo
- T&H
- UB Tech
- Vistarini
- Wimmer

Popular Type of Tools

Moil Point (=Pyramid)		General use for demolition work and in quarries. Suitable for breaking up slag in steel mills, demolishing foundations, roadway drivage and roadway shots in mining.
Wedge (=Chisel)		General use with additional cutting action, drawing pits in rocky subsoil and separating rock slabs.
Conical (=Universal)		widely used for general demolitions where penetrative breaking is required.
Blunt		Versatile use for breaking stone blocks, crushing large rock pieces in quarries, crushing slag and ground compression.

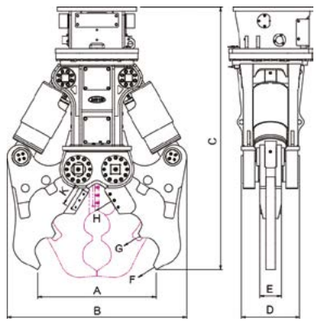
Special Type of Tools

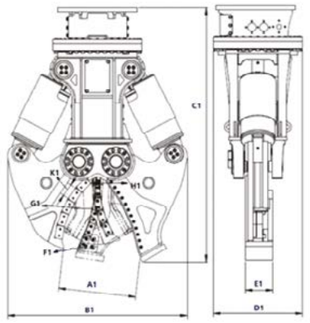
Asphalt cutter		General use for cutting black top of soft material.
Elephant foot		Use for demolishing reinforced concrete areas, crushing large rock pieces in quarries and ground compression.
Core Chisel		featured with super wear resistance owing to extremly hardened material in the core of chisel.
Ramming tool / Post Hole driver		Use for beating poles and pipes into the ground. Dimension is produced as requested.

Breaker Parts

MULTI PROCESSOR

· Versatility work with 4 options (Crush/Shear/Pulverize/Multi).
· Easy Gap Adjustment possible at site.
· Speed-up Valve enables fast work.
· High Strength & Wear Resistance owing to use of Hardox material.






Crusher Jaw


Crusher Multi Jaw


Pulverizer Jaw

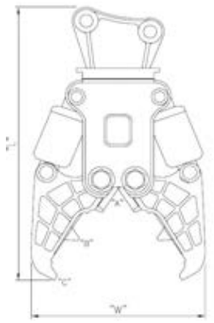

Shear Jaw

Specification			PMP15	PMP20	PMP25	PMP30	PMP35
Operating Weight		(kg)	1,190	1,700	1,990	3,080	3390
Max. Opening Width	A	(mm)	830	950	1,070	1,150	1300
	A1		550	580	600	635	635
Overall Width	B		1,200	1,292	1,445	1,609	1776
	B1				1,400	1,573	1580
Overall Length	C		1,881	2,123	2,189	2,474	2514
	C1				2,233	2,605	2605
Overall Height	D=D1		590	692	692	811	811
Thickness of Body	E		340	415	450	540	540
Height of Jaw	E1		170	200	215	228	228
Crushing Force	F	(ton)	43 (@33 MPa)	61 (@33 MPa)	68 (@33 MPa)	90 (@33 MPa)	92 (@33 MPa)
	F1		55	70	80	98	114
	G		71	98	109	142	150
Cutting Force	G1		87	114	148	188	219
	H		180	224	247	329	384
	H1		199	237	286	384	448
Blade Length	K	(mm)	170	170	170	200	200
	K1	(mm)	90	90	100	120	120
Max. System Pressure Allowed		(bar)	350	380	380	380	380
Motor Set Pressure		(bar)	210	210	210	210	210
Recommended Oil Flow	Cyl	(lpm)	80~180	110~250	150~250	250~350	250~350
	Motor	(lpm)	36~40	36~40	36~40	36~40	36~40
Speed-up Valve			Applied (Standard)				
Rotation Type			Hydraulic Rotation				
Suitable Carrier		(ton)	12~18	16~24	20~28	28~38	30~40
		(lbs)	26400~39600	35200~52800	44000~61600	61600~83600	66000~88000

※ Total Weight includes mounting bracket and pins.
※ Above specification is subject to change with or without prior notice for quality/performance enhancement.

CRUSHER

· Easy Gap Adjustment possible at site.
· High Strength & Wear Resistance owing to use of Hardox material.
· Enhanced Power and Productivity.
· Customized design available.
· 1 Cylinder and 2 Cylinder Type.




Mini Crusher


Mini Crusher

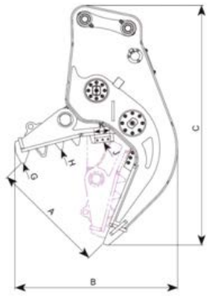
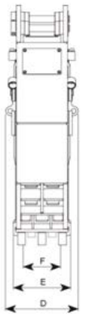

Single Jaw

Spec / Model		PC01	PC02	PC03	PC05	PC15	PC20	PC25	PC30	PC35	PC45
Operating Weight	(kg)	105	180	370	480	1150	1580	1850	2750	3500	5200
Max. Opening Width	(mm)	280	360	430	520	750	890	960	1100	1250	1400
Dimension	L (mm)	820	973	1230	1362	1800	2100	2280	2450	2600	2850
	W (mm)	568	688	767	850	1080	1280	1450	1720	2100	2350
Crushing Power (ton)	"C"	19	21	27	32	90	114	140	175	210	280
	"B"	30	33	38	49	140	210	230	275	340	530
Cutting Power (ton)	"A"	52	60	81	101	370	560	644	740	900	1220
Length of Blade		75	100	100	100						
Max System Pressure	(bar)	280	280	280	300	320	320	320	320	320	320
Recommended Oil Flow	(lpm)	10~35	15~45	30~75	50~90	180	230	240	260	280	380
RotationType		Manual			Manual / Hydraulic (Option)						
No. of Cylinder		1	1	1 / 2 option		2					
Suitable Carrier	(ton)	0.7~2.0	1.5~3.0	2.5~5.0	4.5~8.0	12~15	18~22	20~25	24~32	32~38	38~48
	(lbs)	1,540~ 4,400	3,300~ 6,600	5,500~ 11,000	9,900~ 17,600	26,400~ 33,000	39,700~ 48,400	44,000~ 55,000	52,800~ 70,400	70,600~ 83,600	83,600~ 105,600

※ Total Weight does not include mounting bracket which ranges 30~100Kg according to the models.
※ Option : Hydraulic Rotation/Manual Rotation, Speed-up Booster.

PULVERIZER

· Enhanced Power and Productivity.
· Customized design available.
· Speed-up Valve enables fast work.
· High Strength & Wear Resistance owing to use of Hardox material.
· Hydraulic Rotation option can be applied to selective models.

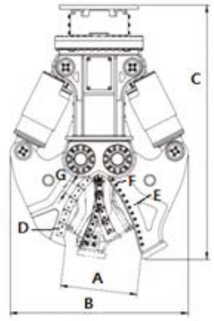
Spec		Model	PP05	PP08	PP15	PP20	PP30	PP45
Operating Weight		(kg)	580	650	1370	1700	2520	4200
Max. Opening Width	A	(mm)	745	725	840	980	1110	1280
Overall Width	B		1048	1057	1214	1442	1588	1920
Overall Length	C		1545	1604	1663	1956	2230	2900
Overall Height	D		468	475	580	615	680	730
Body Thickness	E		370	370	450	506	604	664
Jaw Thickness	F		252	310	310	320	380	440
Crushing Force	G	(ton)	22 (@240bar)	25 (@280bar)	38 (@330bar)	48 (@330bar)	65 (@330bar)	78 (@330bar)
	H		34	39	50	62	87	105
	I		–	–	63	78	113	133
Cutting Force	J		73	97	142	185	201	241
Blade Length	K	(mm)	100	100	170	170	200	200
Max. System Pressure Allowed		(bar)	270	300	380	380	380	380
Recommended Oil Flow		(lpm)	50~90	60~130	110~200	150~250	250~300	250~300
Speed-up Valve			N/A	N/A	Option			
Suitable Carrier		(ton)	4.5~7.0	5.5~10	12~18	20~28	29~35	38~48
		(lbs)	9,900~ 15,400	12,100~ 22,000	26,400~ 39,600	44,000~ 61,600	63,800~ 77,000	83,600~ 105,600

※ Total Weight does not include mounting bracket which ranges 30~100Kg according to the models.



SHEAR

· Easy Gap Adjustment possible at site.
· High Strength & Wear Resistance owing to use of Hardox material.
· Enhanced Power and Productivity.
· Hydraulic Rotation optoon.
· 1 Cylinder and 2 Cylinder Type.




Mini Shear

Scrap Shear

Spec		Model	PS02	PS03	PS04	PS05	PS15	PS20	PS25	PS30	PS35	PS45
Operating Weight		(kg)	195	290	400	510	1350	1850	2300	3100	3750	5200
Max. Opening Width	A	(mm)	205	230	270	290	432	500	520	560	650	850
Dimension	B		950	1127	1241	1356	1600	2200	2300	2500	2700	3200
	C		478	563	710	720	815	1100	1100	1250	1350	1500
Cutting Force	D	(ton)	33	44	56	70	120	160	160	211	230	250
	E		85	110	73	170	232	290	290	366	370	430
	F		–	–	168	170	320	450	450	590	620	690
Dimension(Length) of Blade	G	(mm)	125+100	125+150	125+150	150+200	80x9ea	100x9ea	100x9ea	120x11ea	120x11ea	170x11ea
Max. System Pressure Allowed		(bar)	280	280	280	300	320	320	320	320	320	320
Recommended Oil Flow			15~35	30~60	35~90	50~90	180	230	250	260	280	380
Rotation			Manual			Manual / Hydraulic (Option)						
Suitable Carrier		(ton)	1.5~3.0	2.5~5.0	3.5~7.0	4.5~8.0	12~15	18~22	20~25	24~32	32~38	38~48
		(lbs)	3,300~ 6,600	5,500~ 11,000	7,700~ 15,400	9,900~ 17,600	26,400~ 33,000	39,700~ 48,400	44,000~ 55,000	52,800~ 70,400	70,600~ 83,600	83,600~ 105,600

※ Total Weight does not include mounting bracket which ranges 30~100Kg according to the models.
※ Option : Hydraulic Rotation/Manual Rotation, Speed-up Booster.



COMPACTOR

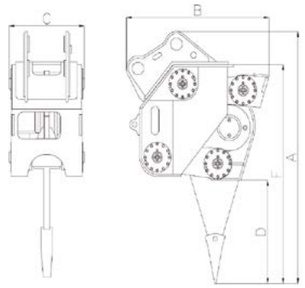
· 100% Made in Korea.
· Long durability of Cushion Rubber.

Spec		Model	PCM05	PCM15	PCM20	PCM30
Operating Weight		(kg)	350	644	1100	1150
Max. Opening Width	A	(ton)	4	6.5	15	15
Overall Width	B	(bpm)	2000	2000	2000	2000
Overall Length	C	(kg/㎠)	100~130	100~130	150~200	150~200
Overall Height	D	(lpm)	45~75	85~105	120~170	120~170
Body Thickness	E	(HxW, mm)	760x550	920x700	1060x900	1100x900
Jaw Thickness	F	(LxWxT, mm)	900x550x25	1160x700x28	1350x900x30	1350x900x30
Suitable Carrier		(ton)	3~6	11~16	17~25	26~33
		(㎥)	0.3	0.6	0.8	1.0

※ Above 'Carrier Weight' is based on Excavator.
※ Above specifications are subject to change without prior notice for the quality/performance enhancement.

VIBRATING RIPPER

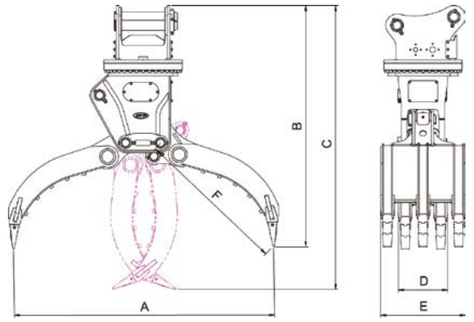
· High Strength & Wear Resistance owing to use of Hardox material.



Spec	Model	PVR15	PVR20	PVR30	PVR40	PVR50
Suitable Excavator	(ton)	12~16	20~26	22~30	30~39	40~55
Working Weight (Ind. Mounting Cap)	(kg)	1500	2500	3150	4600	5600
Dimension	(A, mm)	1650	2116	2433	3250	3300
	(B, mm)	870	1309	1300	2140	2260
	(C, mm)	500	705	800	1100	1150
Frequency	(bpm)	1500	1500	1400	1200	1100
Tooth Weight	(kg)	15	21	32	32	61
Operating Pressure	(bar)	1800~200	210~240	240~250	240~250	240~250
Max. Oil Flow	(lpm)	100~120	170~190	180~200	200~220	250~260

※ Above 'Carrier Weight' is based on Excavator.
※ Above specifications are subject to change without prior notice for the quality/performance enhancement.

MULTI GRAP



Scrap Handling Jaw

Sorting Jaw

Spec		Model	PP05	PP08	PP15	PP20	PP30	PP45
Operating Weight		(kg)	580	650	1370	1700	2520	4200
Max. Opening Width	A	(mm)	745	725	840	980	1110	1280
Overall Width	B		1048	1057	1214	1442	1588	1920
Overall Length	C		1545	1604	1663	1956	2230	2900
Overall Height	D		468	475	580	615	680	730
Body Thickness	E		370	370	450	506	604	664
Jaw Thickness	F		252	310	310	320	380	440
Crushing Force	G	(ton)	22 (@240bar)	25 (@280bar)	38 (@330bar)	48 (@330bar)	65 (@330bar)	78 (@330bar)
	H		34	39	50	62	87	105
	I		–	–	63	78	113	133
Cutting Force	J		73	97	142	185	201	241
Blade Length	K	(mm)	100	100	170	170	200	200
Max. System Pressure Allowed		(bar)	270	300	380	380	380	380
Recommended Oil Flow		(lpm)	50~90	60~130	110~200	150~250	250~300	250~300
Speed-up Valve			N/A	N/A	Option			
Suitable Carrier		(ton)	4.5~7.0	5.5~10	12~18	20~28	29~35	38~48
		(lbs)	9,900~ 15,400	12,100~ 22,000	26,400~ 39,600	44,000~ 61,600	63,800~ 77,000	83,600~ 105,600

※ Total Weight does not include mounting bracket which ranges 30~100Kg according to the models.