









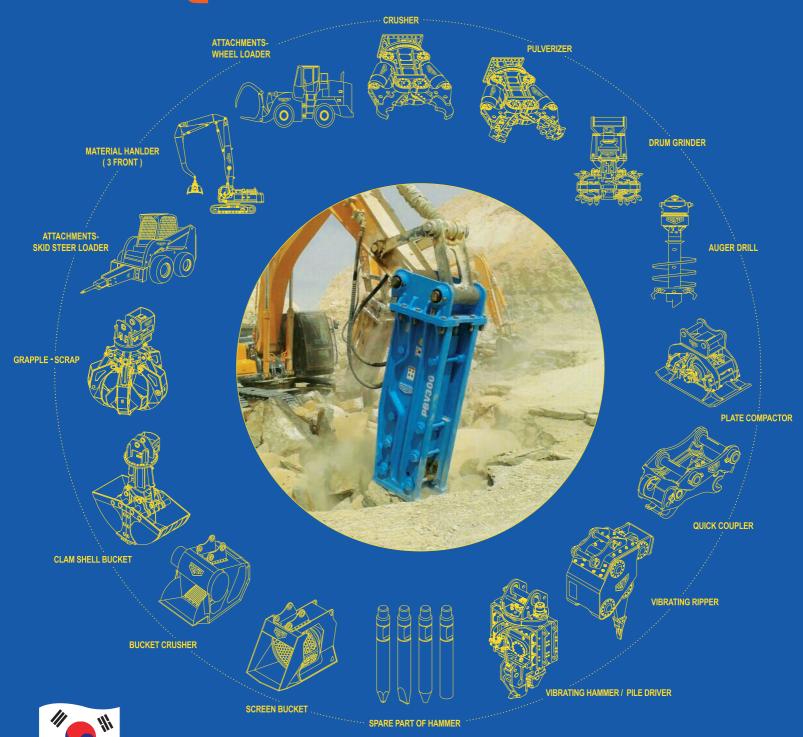






SECOND TO NONE IN DEMOLITION TESTED, SATISFIED, LOVED POQUTEC

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I. CHARACTERISTICS OF POQUTEC HAMMER / BREAKER LICHARACTERISTICS OF POQUTEC HAMMER / BREAKER

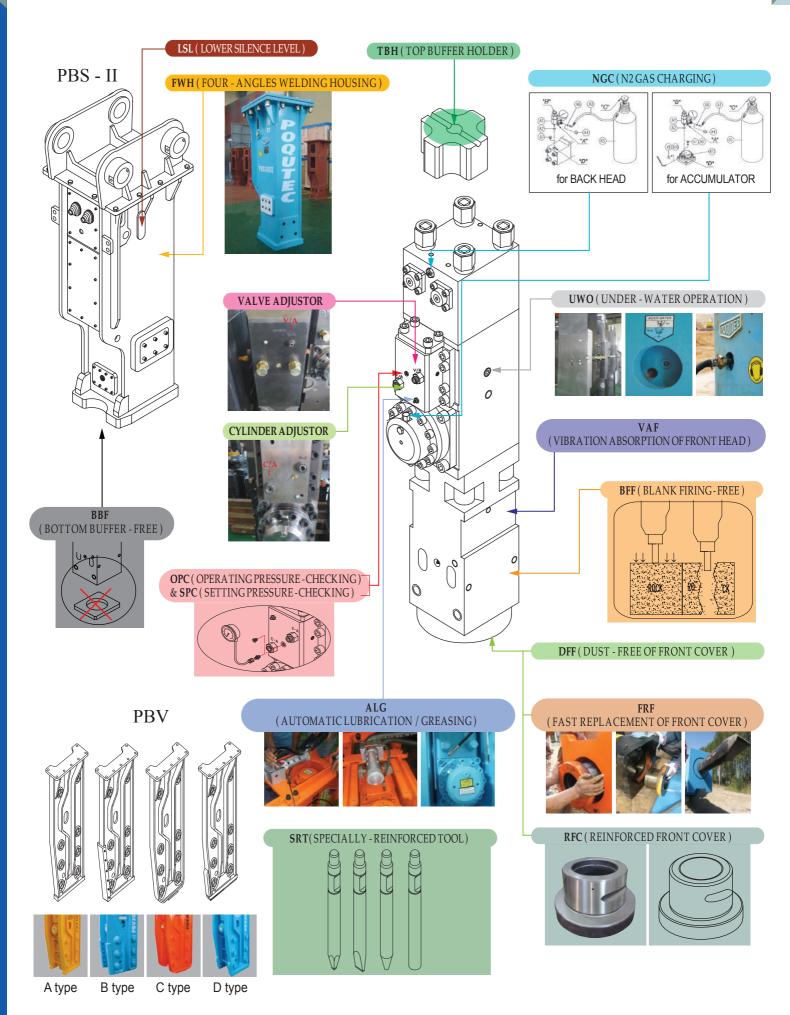


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NO.	Term	Characteristics	Advantages	Model of POQUTEC Hammers	Remark
1	-	Using Spare Parts - Made of No. 1 Qualified Korean Materials (Completely Free from Any Chinese Materials)	1. in order to Make Quality of Hammers (& Spare Parts) Well - Quality Stabilized.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Own Pride & Promise
2	-	Equipped with Self - Owned and Long - Accumulated Heat Treatment Technology	in order to Make Durability of Spare Parts Longer and Better. in order to Be Free From Any Troubles (resulting from Poor Heat Treatment) - like Crack of Piston, Front Head, Cylinder and others.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology
3	•	Processed with Self - Protection Facility	In order to Make Quality of Hammers (& Spare Parts) Stable. 2. in order to Be Totally Different from others Assemblers (who do not produce any spare parts, while assembling Parts procured from outsourcing). 3. in order to Stabilize Production of Hammers, under POQUTEC's 100 % Quality Control.	All Models (Open & Silence Box Housing Hammers)	Please visit POQUTEC's Factory, South Korea
4	-	Equipped with Diversified Production Line of Hammers	in order to Give Diversified Choises of Hammers to customers. 1) PB Series - Similar to Furukawa, NPK, OKADA, Krupp / Atlas Copco & etc 2) HKB Series - Similar to Rammer, Montabert, Indeco, MTB.	1) N2 Gas System - PB Series 2) 100 % Hydraulic System - HKB Series	POQUTEC's Diversified Product Line
5	-	Equipped with Protection - Design of Piston	1. in order to Protect Piston From Any Damages.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology
6	-	Equipped with Protection of Through Bolt (Long Rod)	1. in order to Protect Through Bolt (Long Rod) Much Longer & Better.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology
7	ALG	AUTOMATIC LUBRICATION / GREASING System	in order to Apply Automatic Greasing / Lubrication to Hammers. in order to Protect Spare Parts of Hammer - Tool / Chisel, Chisel - Pin & Bush Set.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Type Applied
8	BBF	BOTTOM BUFFER (DAMPER) - FREE System (PBS - II ONLY)	1. in order to be Free From Damage of Bottom Buffer / Damper. 2. in order to be Free From Un-Necessary Movement / Vibration (of Main Body of Hammer ,) during Hammer - Operation.	from PBS 150 - II ~ PBS 470 - II Series (Silence Box Housing Hammers)	POQUTEC's Unique Technology - Korean Patent
9	BFF / ISF	BLANK FIRING - FREE System (= IDLE STRIKING - FREE System)	in order to Protect Front Head, Tool / Chisel, Tool Pin, Busing Sets. in order to Make Hammers Operated Safely and with Longer Durability.	from PB 100 ~ PB 1500 Series (Open & Silence Box Housing Hammers)	Completely Proved Effect of the Blank Firing - Free System
10	DFF	DUST - FREE OF FRONT - COVER System	1. in order to Be Free From Dust - Contamination (or Contaminated Materials)	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology Applied
11	FRF	FAST REPLACEMENT OF FRONT - COVER (BOTTOM BUSH) System (PBS - II ONLY)	in order to Save Replacing Time of the Bottom Bush - Within 5 Minutes, can be Replaced by skillful engineer.	from PBS 150 - II ~ PBS 470 - II Series (Silence Box Housing Hammers	POQUTEC's Unique Technology Applied
12	FWH	FOUR - ANGLES WELDING HOUSING / BRACKET System (PBS - II ONLY)	1. in order to Make Bracket / Housing (of the Hammers) be Stronger and to be Free From Crack.	from PBS 150 - II ~ PBS 470 - II Series (Silence Box Housing Hammers)	POQUTEC's Unique Technology
13	LSL	LOWER SILENCE LEVEL System (PBS & PBS - II ONLY)	1. in order to Make Hammers Operated with Much Less Working Noise.	All Models (PBS & PBS - II Silence Housing Hammers)	POQUTEC's Unique Type Applied
14	NGC	NITROGEN GAS (N2) CHARGING System (FOR BACK HEAD & ACCUMULATOR)	1. in order to Make Hammers Generate Stronger Operating Power.	All Models (Open & Silence Box Housing Hammers)	-
15	OPC	OPERATING PRESSURE - CHECKING System (for HAMMER)	1. in order to Check Proper Operating Pressure (of Hammer) Easily & Economically.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology Applied
16	RFC	REINFORCED FRONT COVER System (PBS - II ONLY)	1. in order to Make Hammer - Tool / Chisel Protected Much Better. 2. in order to Make Life Cycle of Front Cover Much Longer.	from PBS 150 - II ~ PBS 470 - II Series (Silence Box Housing Hammers	POQUTEC's Unique Technology Applied
17	SPC	SETTING PRESSURE - CHECKING System (for MACHINERY)	in order to Check Proper Setting / Relief Pressure (of Carrier / Machinery) Easily & Economically, to make Ham mer Operated Properly.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology Applied
18	SRT	SPECIALLY - REINFORCED TOOL (MOIL, CONE, BLUNT, CHISEL, ANVIL) System	in order to Make Longer Life Cycle of Tool / Chisel / Rod. in order to Be Free From Fast - Worn Out of Hammer - Tool / Chisel / Rod.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology Applied
19	ТВН	TOP BUFFER HOLDER (OF TOP PLATE) System (PBS & PBS - II ONLY)	in order to Protect Through Bolt of Hammer - from Top Buffer. In order to Keep Hammer - Main Body Tightly, to be Free from any Movement.	All Models (PBS & PBS - II Silence Housing Hammers)	POQUTEC's Unique Technology Applied
20	UWO	UNDER - WATER OPERATION System	in order to Make Hammmers Operated in Under Water, Properly. in order to Protect the Piston from Rust, from Under Water - Operation.	All Models (Open & Silence Box Housing Hammers)	POQUTEC's Unique Technology Applied
21	VAF	VIBRATION ABSORPTION OF FRONT - HEAD System (PBS - II ONLY)	in order to Be Free From Vibration / Movement of Front Head - during Hammer - Operation.	from PBS 150 - II ~ PBS 470 - II Series (Silence Box Housing Hammers)	POQUTEC's Unique Technology Applied

II. CHARACTERISTICS OF POQUTEC HAMMER / BREAKER







III. POQUTEC HYDRAULIC HAMMER / BREAKER "PBV" OPEN HOUSING &

AMSO (AMSO) (AMS

"VERTICAL MOUNTING" SYSTEM



MODEL OF HAMMER / BREAKER			OPEN HOUSING			
SPECIFICATION			PBV 30	PBV 80 BHL	PBV 180 (A)	PBV 300
TYPE OF CONTROL VALVE (OF HAMMER / BREAKER)		TYPE OF CONTROL VALVE	INNER	INNER	INNER	OUTER
LUTELCULTE OF CARDIED ADDITION F	TON		1.5 ~ 4.5	4.0 ~ 10.0	18.0 ~ 26.0	27.0 ~ 35.0
WEIGHT OF CARRIER APPLICABLE	LBS		3,307 ~ 9,921	8,818 ~ 22,046	39,683 ~ 57,320	59,525 ~ 77,162
RANGE OF BUCKET		M3	0.06 ~ 0.20	0.20 ~ 0.35	0.70 ~ 0.80	1.00 ~ 1.20
WORKING / OPERATING WEIGHT	KGS (WITH M. CAP, PIN & BUSH + TOOL / CHISEL)		187	405	1,860 (PBV 180 A)	2,400
(OF HAMMER / BREAKER)	LBS	(WITH M. CAP, PIN & BUSH + TOOL / CHISEL)	412	893	4,101	5,291
HYDRAULIC OIL SUPPLY	LPM (L/MIN)		25 ~ 40	40 ~ 80	100 ~ 150	160 ~ 190
(OF HAMMER / BREAKER)	GPM (G / MIN)		6.60 ~ 10.56	10.56 ~ 21.12	26.40 ~ 39.60	42.24 ~ 50.16
RELIEF / SETTING PRESSURE	KG / CM2		160	170	220	220
(OF MACHINE / CARRIER)	PSI		2,277	2,419	3,131	3,131
OPERATING PRESSURE		KG / CM2	90 ~ 120	100 ~ 130	160 ~ 180	160 ~ 180
(OF HAMMER / BREAKER)	PSI		1,281 ~ 1,708	1,423 ~ 1,850	2,277 ~ 2,562	2,277 ~ 2,562
IMPACT / STRIKING FREQUENCY		BPM (BLOW PER MINUTE)	550 ~ 950	400 ~ 800	350 ~ 600	350 ~ 750
		IN LINE HOSE - MM (INCH)	12.70 (0.50)	12.70 (0.50)	25.40 (1.00)	25.40 (1.00)
CONNECTING RUBBER HOSE	OUT LINE HOSE - MM (INCH)		12.70 (0.50)	12.70 (0.50)	25.40 (1.00)	25.40 (1.00)
		STANDARD LENGTH - MM (INCH)	1,500 (58.95)	1,500 (58.95)	2,300 (90.39)	2,500 (98.25)
TOOL / ROD / CHISEL	DIAMETER - MM (INCH)		53 (2.09)	75 (2.95)	135 (5.31)	150 (5.91)
(MOIL, CONE, BLUNT, ANVIL)	LENGTH - MM (INCH)		580 (22.83)	750 (29.53)	1,200 (47.24)	1,350 (53.15)
NA CAR CITA DOING PRECOURE	BACK HEAD (KG/CM2)		17 ± 0.5	17 ± 0.5	15 ± 0.5	6 ± 0.5
N2 GAS CHARGING PRESSURE	ACCUMULATOR (KG / CM2)		N/A	N/A	60 ± 0.5 (PBV 180 A)	60 ± 0.5
OIL TEMPERATURE		°C->	20 ~ 80	20 ~ 80	20 ~ 80	20 ~ 80
	ACCUMULATOR		WITHOUT	WITHOUT	OPTIONAL	WITH
	C/A - CYLINDER ADJUSTER (PISTON - STROKE)		N/A	N/A	N/A	WITH
	V/A - VALVE ADJUSTER (OPERATING PRESSURE)		N/A	N/A	WITH	WITH
	PORT OF PRESSURE - CHECKING		AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	ALG	AUTOMATIC LUBRICATION / GREASING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	BBF	BOTTOM BUFFER - FREE (PBS - II)	N/A	N/A	N/A	N/A
	BFF / ISF	BLANK FIRING - FREE	N/A	N/A	AVAILABLE	AVAILABLE
	DFF	DUST - FREE OF FRONT COVER	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
OPTIONAL SYSTEM	FRF	FAST REPLACEMENT OF FRONT COVER (PBS - II)	N/A	N/A	N/A	N/A
(APPLICATION UPON REQUEST)	FWH	FOUR ANGLES WELDING HOUSING (PBS - II)	N/A	N/A	N/A	N/A
& (NOT, FREE OF CHARGE)	LSL	LOWER SILENCE LEVEL System (PBS & PBS - II)	N/A	N/A	N/A	N/A
	NGC	NITROGEN GAS (N2) CHARGING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	OPC	OPERATING PRESSURE - CHECKING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	RFC	REINFORCED FRONT COVER (PBS - II)	N/A	N/A	N/A	N/A
	SPC	SETTING PRESSURE - CHECKING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	SRT	SPECIALLY - REINFORCED TOOL (CHISEL)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	TBH	TOP BUFFER HOLDER SYSTEM (PBS & PBS - II)	N/A	N/A	N/A	N/A
	UWO	UNDER - WATER OPERATION	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	VAF	VIBRATION ABSORPTION OF FRONT - HEAD (PBS - II)	N/A	N/A	N/A	N/A





IV. POQUTEC HYDRAULIC HAMMER / BREAKER "PBS" & "PBS - II" SILENCE BOX HOUSING & " VERTICAL MOUNTING " SYSTEM









PBS 180 (A) - II PBS 210 (A)-II PBS 300 - II PBS 400 - II

MODEL OF HAMMER / BREAKER SPECIFICATION			SILENCE BOX HOUSING			
			PBS 180 (A) - II	PBS 210 (A) - II	PBS 300 - II	PBS 400 - II
TYPE OF CONTROL VALVE (OF HAMMER / BREAKER)		TYPE OF CONTROL VALVE	INNER	INNER	OUTER	OUTER
MENORE OF CARPIER APPLICABLE		TON	18.0 ~ 26.0	18.0 ~ 28.0	27.0 ~ 35.0	35.0 ~ 50.0
WEIGHT OF CARRIER APPLICABLE		LBS	39,683 ~ 57,320	39,683 ~ 61,729	59,525 ~ 77,162	77,162 ~ 110,231
RANGE OF BUCKET		M3	0.70 ~ 0.80	0.70 ~ 0.90	1.00 ~ 1.20	1.20 ~ 1.80
WORKING / OPERATING WEIGHT	KGS (WITH M. CAP, PIN & BUSH + TOOL / CHISEL)		1,954 (PBS 180 A - II)	2,038 (PBS 210 A - II)	2,526	3,105
(OF HAMMER / BREAKER)	LBS (WITH M. CAP, PIN & BUSH + TOOL / CHISEL)		4,308	4,493	5,569	6,845
HYDRAULIC OIL SUPPLY	LPM (L/MIN)		100 ~ 150	125 ~ 150	160 ~ 190	190 ~ 250
(OF HAMMER / BREAKER)	GPM (G / MIN)		26.40 ~ 39.60	33.00 ~ 39.60	42.24 ~ 50.16	50.16 ~ 66.00
RELIEF / SETTING PRESSURE		KG / CM2	220	220	220	220
(OF MACHINE / CARRIER)	PSI		3,131	3,131	3,131	3,131
OPERATING PRESSURE	KG / CM2		160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180
(OF HAMMER / BREAKER)	PSI		2,277 ~ 2,562	2,277 ~ 2,562	2,277 ~ 2,562	2,277 ~ 2,562
PACT / STRIKING FREQUENCY BPM (BLOW PER MINUTE)		350 ~ 600	400 ~ 600	350 ~ 750	300 ~ 600	
		IN LINE HOSE - MM (INCH)	25.40 (1.00)	25.40 (1.00)	25.40 (1.00)	31.75 (1.25)
CONNECTING RUBBER HOSE	OUT LINE HOSE - MM (INCH)		25.40 (1.00)	25.40 (1.00)	25.40 (1.00)	31.75 (1.25)
	STANDARD LENGTH - MM (INCH)		2,300 (90.39)	2,300 (90.39)	2,500 (98.25)	2,800 (110.04)
TOOL / ROD / CHISEL	DIAMETER - MM (INCH)		135 (5.31)	140 (5.51)	150 (5.91)	155 (6.10)
(MOIL, CONE, BLUNT, ANVIL)	LENGTH - MM (INCH)		1,200 (47.24)	1,250 (49.21)	1,350 (53.15)	1,400 (55.12)
	BACK HEAD (KG / CM2)		15±0.5	15±0.5	6±0.5	17 ± 0.5
N2 GAS CHARGING PRESSURE	ACCUMULATOR (KG / CM2)		60 ± 0.5 (PBS 180 A - II)	60 ± 0.5 (PBS 210 A - II)	60 ± 0.5	60 ± 0.5
OIL TEMPERATURE		°C->	20 ~ 80	20~80	20 ~ 80	20 ~ 80
OIL TENT ERTIFORE	ACCUMULATOR		OPTIONAL	OPTIONAL	WITH	WITH
	C/A - CYLINDER ADJUSTER (PISTON - STROKE)		N/A	N/A	WITH	WITH
	V/A - VALVE ADJUSTER (OPERATING PRESSURE)		WITH	WITH	WITH	WITH
	PORT OF PRESSURE - CHECKING		AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	ALG	AUTOMATIC LUBRICATION / GREASING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	BBF	BOTTOM BUFFER - FREE (PBS - II)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	BFF / ISF	BLANK FIRING - FREE	AVAILABLE	AVAILABLE AVAILABLE	AVAILABLE	AVAILABLE
	DFF		AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
ODTIONIAL CACTEMA		DUST - FREE OF FRONT COVER				
OPTIONAL SYSTEM (APPLICATION UPON REQUEST)	FRF	FAST REPLACEMENT OF FRONT COVER (PBS - II)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
&	FWH	FOUR ANGLES WELDING HOUSING (PBS - II)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
(NOT, FREE OF CHARGE)	LSL	LOWER SILENCE LEVEL System (PBS & PBS - II)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	NGC	NITROGEN GAS (N2) CHARGING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	OPC	OPERATING PRESSURE - CHECKING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	RFC	REINFORCED FRONT COVER (PBS - II)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	SPC	SETTING PRESSURE - CHECKING	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	SRT	SPECIALLY - REINFORCED TOOL (CHISEL)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	TBH	TOP BUFFER HOLDER SYSTEM (PBS & PBS - II)	N/A	N/A	N/A	AVAILABLE
	UWO	UNDER - WATER OPERATION	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE
	VAF	VIBRATION ABSORPTION OF FRONT - HEAD (PBS - II)	AVAILABLE	AVAILABLE	AVAILABLE	AVAILABLE



V. APPLICATION OF HAMMER / BREAKER



1. PBV Series



































2. PBS series

PBV 300

















POQUTEC'

Power Quality & Technology Co., Ltd











POQUTEC CO., LTD. - POwer QUality &TEChnology Co., LTD. - is a SOUTH KOREAN Manufacturer / Producer (Not, Simple Assembler) of the Various Hydraulic & Non - Hydraulic Attachments, which are used and applied for the Construction & Earthmoving Equipment / Machinery of Any Brands & Models (Backhoe Loader, Crane, Dingo, Excavator, Skid Steer, Wheel Loader and Others) available in the International Markets.

Backed up with the POQUTEC CO., LTD.'s Twenty Eight (28) Years' Company History - Coming with

- 1. Advanced R&D (Research &Development) Technology.
- 2. Strictly Controlled Quality Control.
- 3. Self Processing / Production Facility.
- 4. Self Heat Treatment Technology.

ATTACHMENTS -SKID STEER LOADER ATTACHMENTS -WHEEL LOADER

- 5. Well Organized Production Management.
- 6. Long Accumulated Know Hows and Experiences.
- 7. Sales History in the Various International Markets (North America, Latin America, Asia / Oceania, Europe, Middle East, Africa, Russia / CIS)

POQUTEC CO., LTD. has done its best to make the International Dealers &Customers SATISFIED in ALL Aspects (Commercially, Technically, Before &After Service - Wise).

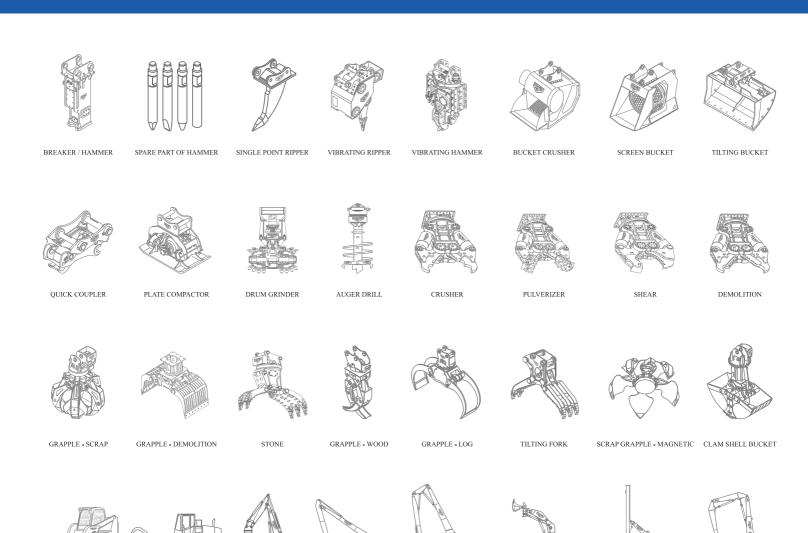
Having Acquired with the International Standards and Certificates - as following

- 1. ISO 9001: 2008
- 2. CE (from TUV & DEMKO)
- 3. GOST / HOMOLOGATION
- 4. KOTRA's SEAL OF EXCELLANCE
- 5. AWARD OF KOREAN PRIME MINISTER

POQUTEC CO., LTD. has approached to the International Dealer' & Customers' Various Demands & Requirements.

POQUTEC CO., LTD. has Longly and Currently, heard of the International Dealers' / Customers' Common Comments, like

"TESTED, SATISFIED, then, LOVED POQUTEC"



SUPER LONG REACH BOOM

PEDESTAL BOOM

HIGH REACH DEMOLITION

FRONT SHOVEL

MATERIAL HANLDER (3 FRONT)

TELESCOPIC DIPPER

POQUTEC HYDRAULIC HAMMER / BREAKER

" PBV " OPEN HOUSING TYPE





SB POQUTEC BLD., 73, GYEONGIN - RO, NAM - GU, INCHEON CITY (or 120 - 8, SUNGUI 2 - DONG, NAM - GU, INCHEON CITY), SOUTH KOREA (R.O.K.), ZIP CODE: 402 - 814 ++ 82 - 32 - 422 - 8370 (Rep.) / ++ 82 - 32 - 888 - 8646 (Rep.) ++ 82 - 32 - 422 - 8372 (Rep.) / ++ 82 - 32 - 888 - 8647 (Rep.) FAX MSN

poqutec@hotmail.com song5105 or poqutec SKYPE : song5105 or poquted FACEBOOK : poqutec@gmail.com WHATSAPP: ++ 82 - 10 - 4709 - 2316

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NOHA-RI, PALTAN - MYEON, HWASEONG CITY, KYUNGGI - DO,

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POQUTEC's International Warehouse & After Sales Service Center ease contact POQUTEC Headquarters & Main Sales Office in SOUTH KOREA

POQUTEC'S EXCLUSIVE DEALER IN QATAR

OTTAWA CONTRACTING & TRADING W.L.L.

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