

USB General Delivery Time

AREA	PRATITION	MARINE TRANS. TIME FROM KOREA
NORTH AMERICA	WESTERN AMERICA	9 ~ 12 Days
	EASTERN AMERICA	20 ~ 30 Days
	CANADA	20 ~ 25 Days
LATIN AMERICA	MIDDLE AMERICA	30 ~ 35 Days
	WEST SOUTH AMERICA	35 ~ 40 Days
	EAST SOUTH AMERICA	28 ~ 35 Days
EUROPE	EAST EUROPE	30 ~ 35 Days
	WEST EUROPE	27 ~ 35 Days
	NORTH EUROPE	30 ~ 35 Days
RUSSIA	MOSCOW / SIBERIA	40 ~ 45 Days
	FAR EAST	7 ~ 15 Days
	CIS	45 ~ 50 Days
MIDDLE EAST	GCC	25 ~ 30 Days
AFRICA	NORTH AFRICA	28 ~ 35 Days
	SOUTH AFRICA	30 ~ 35 Days
ASIA	INDIA	15 ~ 20 Days
	IRAN / RAKISTAN	25 ~ 30 Days
	SOUTHEAST AISA	6 ~ 13 Days
	CHINA	2 ~ 4 Days
	JAPAN	2 ~ 4 Days
OCEANIA	EAST AUSTRALIA	16 ~ 20 Days
	WEST AUSTRALIA	20 ~ 25 Days
	NEW ZEALAND	20 ~ 22 Days



MAIN MODEL
20 DAYS

OTHER MODEL
30 DAYS



Factory

61-8, Cheongwonsandan 3-gil, Mado-myeon, Hwaseong-si,
Gyeonggi-do, 18541, South Korea

Head Office

Rm 101-1404, #467 Lotte Catsle President, Gongdeok-Dong, Mapo-Gu,
Seoul, Korea.

TEL : +82 -10 26380079 / +82-2-333 3935

E-mail : ktwoo@jeilsna.com / jeil@jeilsna.com

Web site : www.jeilsna.com

DEALER



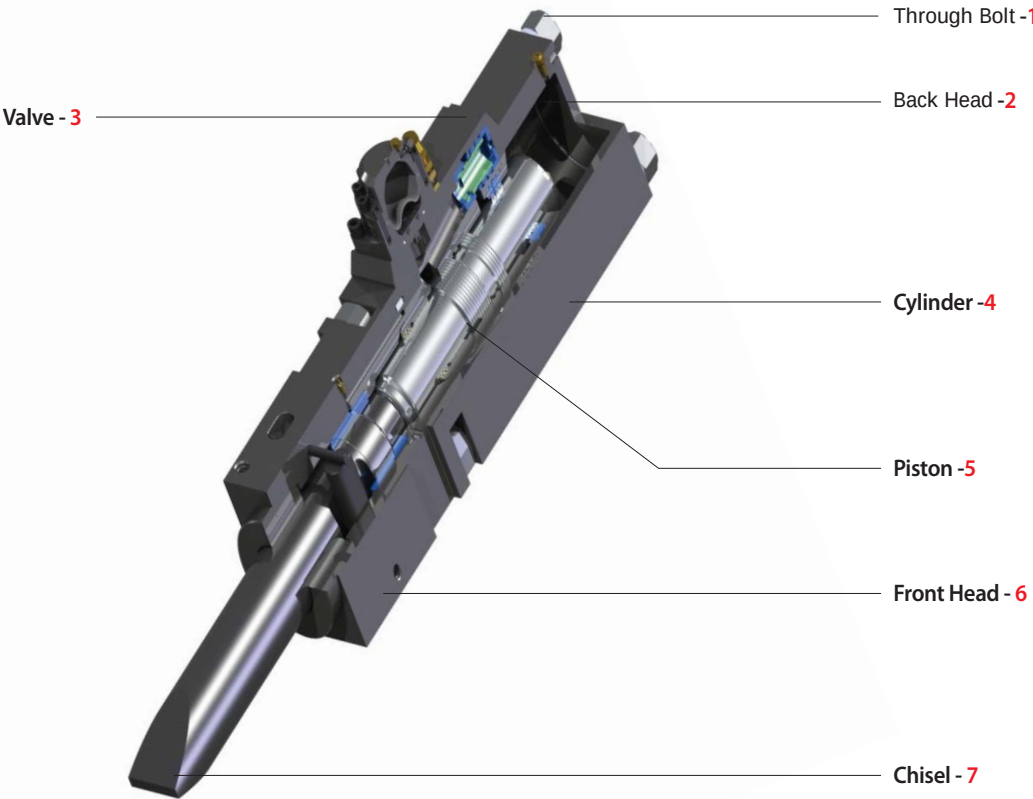
PRODUCT LINE-UP

U ULTRA
S SUPER POWER
B BREAKER

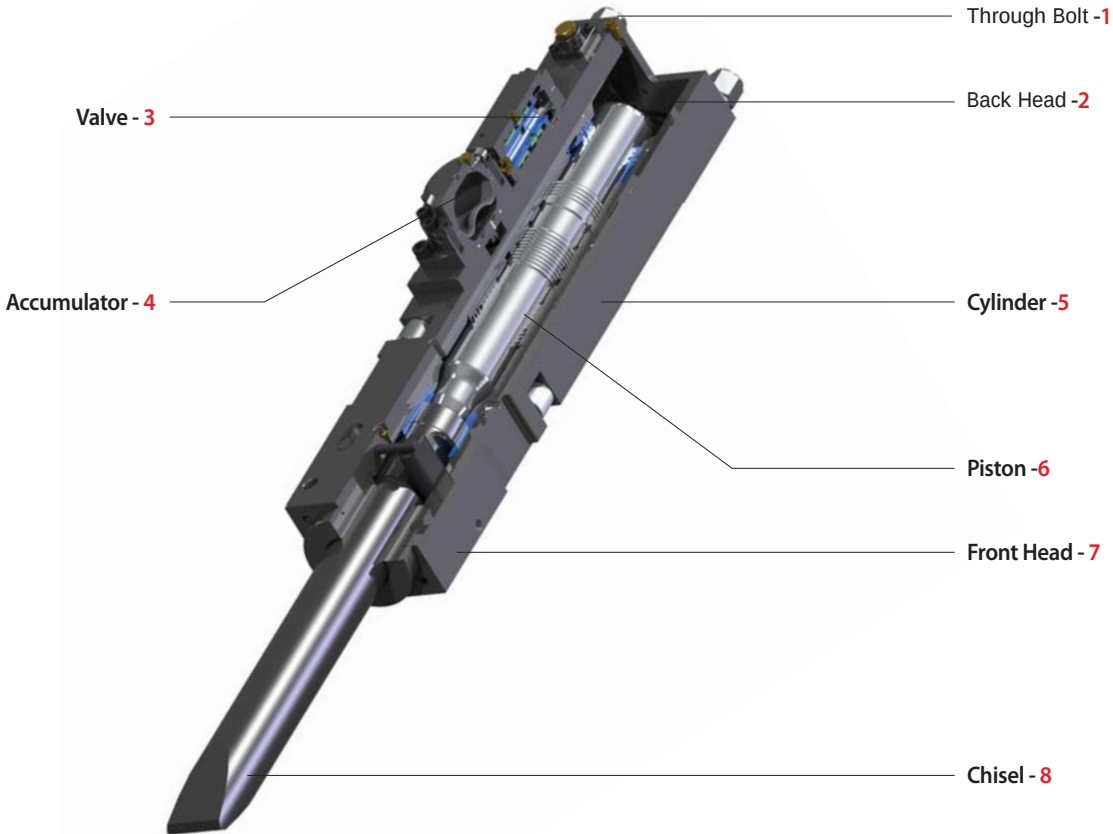
USB Hydraulic breaker of **US Series**

USB Hydraulic breaker of **US Series**

US SERIES (INTERNAL VALVE TYPE)



US SERIES (EXTERNAL VALVE TYPE)



1 Through Bolt

Four units of the bolts fix the important components onto the breaker and longest service life due to applied high-technology.

2 Back Head

The energy of piston stroke is accumulated due to charge nitrogen gas.

3 Valve System

The cylindrical control valve is built in the valve housing and it controls Piston reciprocation.

4 Cylinder Ass'y

The minimum hydraulic breaker system enables the breaker to maximize efficiency for reciprocation of the piston where high and low tension circulates

5 Piston

The piston is installed in the cylinder, and converts the oil pressure into the impact power to break rocks.

6 Front Head

The front head supports the whole breaker. The thrust ring and the thrust bush prevents shock from the tool.

7 Chisel

Moil point : Soft, Non-abrasive rock, high penetration rate (concrete, tunnelling, trenching)
Chisel(wedge point) : Non-abrasive but ductile rock low or medium penetration rate (concrete, tunnelling, trenching,benching)
Cone : Soft, Non-abrasive rock (concrete, tunnelling, trenching)
Blunt : Soft or hard but low or medium abrasive rock (concrete, breaking boulders)

1 Through Bolt

Four units of the bolts fix the important components onto the breaker and longest service life due to applied high-technology.

2 Back Head

The energy of piston stroke is accumulated due to charge nitrogen gas.

3 Valve System

The cylindrical control valve is built in the valve housing and it controls Piston reciprocation.

4 Accumulator

The accumulator compensates for pressure in the hydraulic circuit and prevents pulsation.
It is not usually necessary to Refill.
Use N2-gas only.

5 Cylinder Ass'y

The minimum hydraulic breaker system enables the breaker to maximize efficiency for reciprocation of the piston where high and low tension circulates

6 Piston

The piston is installed in the cylinder, and converts the oil pressure into the impact power to break rocks.

7 Front Head

The front head supports the whole breaker. The thrust ring and the thrust bush prevents shock from the tool.

8 Chisel

Moil point : Soft, Non-abrasive rock, high penetration rate (concrete, tunnelling, trenching)
Chisel(wedge point) : Non-abrasive but ductile rock low or medium penetration rate (concrete, tunnelling, trenching,benching)
Cone : Soft, Non-abrasive rock (concrete, tunnelling, trenching)
Blunt : Soft or hard but low or medium abrasive rock (concrete, breaking boulders)

USB OPEN(TOP) TYPE HYDRAULIC BREAKER

Ready to work any work place in the world
Our original design, easy for maintenance
Option : 1) Auto Lubricant System
2) Top Mounting cap ass'y for Skid Loader and Back-hoe Loader



MODEL

INTERNAL VALVE TYPE : US40T / 45T / 53T / 58T / 68T / 75T / 85T / 100T / 125T / 140T / 155T / 175T
EXTERNAL VALVE TYPE : 120T / 135T / 150T / 160T / 180T

High impact energy with nitron gas-assisted operation
More powerful cause of mainbody verticality



Standard Specification

Model		US40T	US45T	US53T	US68T	US75T	US85T	US100T
Operating weight (kg / lbs)	T	80	120	420	250	450	550	750
Required oil flow (L / min)		13~25	20~30	25~40	30~45	40~80	45~85	80~100
Setting pressure (bar)		90~130	150	150	170	170	195	210
Operating pressure (bar)		75~100	80~110	90~120	95~130	100~130	130~150	150~170
Impact rate (bpm)		800~1,200	600~1000	550~950	500~900	450~950	400~800	450~700
Tool diameter (mm /inch)		40/1.57	45/1.71	53/2.09	68/2.68	75/2.95	85/3.35	100/3.94
Back head pressure (bar)		16±0.5	16±0.5	16±0.5	16±0.5	16±0.5	16±0.5	16±0.5
Impact energy (J)		157	245	343	735	883	1373	2599
Carrier weight (ton)		0.5~1.5	1.2-4.0	3.0-5.0	3.5-7.0	5.0-9.0	7.0-12	10-14

※ Above specifications are subject to change without prior notice for the improvement in quality.
※ Operating weight is included standard tool and top mounting cap.

Standard Specification

Model		US120T	US135T	US140T(SS)	US150T	US155T(SS)	US160T	US175T(SS)	US180T
Operating weight (kg)	T	1500	1900	1950	2100	2600	3500	4200	5000
Required oil flow (L / min)		90~120	125~150	160~190	160~190	190~250	200~260	220~310	220~310
Setting pressure (bar)		210	210	230	230	240	240	240	240
Operating pressure (bar)		150~170	160~180	160~180	160~180	160~180	160~180	160~180	160~180
Impact rate (bpm)		400~900	400~800	350~750	360~700	210~450	210~450	210~450	210~450
Tool diameter (mm /inch)		120 / 4.72"	135 / 5.31"	140 / 5.51"	150 / 5.90"	155 / 6.10"	160 / 6.29"	175 / 6.89"	180 / 7.09"
Back head pressure (bar)		6±0.5	6±0.5	16±0.5	6±0.5	16±0.5	16±0.5	16±0.5	16±0.5
Accumulator pressure (bar)		60	60	60	60	60	60	60	60
Impact energy		2746	4217	5786	6129	10199	115000	12258	14258
Carrier weight (ton)		13~18	18-26	18-28	28-35	30-40	33-48	40-60	50-80

※ Above specifications are subject to change without prior notice for the improvement in quality.
※ Operating weight is included standard tool and top mounting cap.

USB BOX(S) TYPE HYDRAULIC BREAKER

Our original design, easy for maintenance
Certified with Europe CE standard
Easier and Faster maintenance
High impact energy and Low noise level



MODEL

INTERNAL VALVE TYPE : US40S / 45S / 53S / 58S / 68S / 75S / 85S / 100S / 125S / 140S / 155S / 175S
EXTERNAL VALVE TYPE : 120S / 135S / 150S / 160S / 180S

Appliance of 'SAAB HARDOX' in the lower part of brackets
Chisel sliding design for longer service life, reducing maintenance cost
Option : Auto Lubricant System



Standard Specification

Model		US40S	US45S	US53S	US68S	US75S	US85S	US100S
Operating weight (kg / lbs)	S	100	150	200	300	500	650	850
Required oil flow (L / min)		13~25	20~30	25~40	30~45	40~80	45~85	80~100
Setting pressure (bar)		90~130	150	150	170	170	195	210
Operating pressure (bar)		75~100	80~110	90~120	95~130	100~130	130~150	150~170
Impact rate (bpm)		800~1,200	600~1000	550~950	500~900	450~950	400~800	450~700
Tool diameter (mm /inch)		40/1.57	45/1.71	53/2.09	68/2.68	75/2.95	85/3.35	100/3.94
Back head pressure (bar)		16±0.5	16±0.5	16±0.5	16±0.5	16±0.5	16±0.5	16±0.5
Impact energy (J)		157	245	343	735	883	1373	2599
Carrier weight (ton)		0.5~1.5	1.2-4.0	3.0-5.0	3.5-7.0	5.0-9.0	7.0-12	10-14

※ Above specifications are subject to change without prior notice for the improvement in quality.
※ Operating weight is included standard tool and top mounting cap.

Standard Specification

Model		US120S	US135S	US140S(SS)	US150S	US155S(SS)	US160S	US175S(SS)	US180S
Operating weight (kg)	S	1650	2000	2100	2200	2700	3700	4500	5300
Required oil flow (L / min)		90~120	125~150	160~190	160~190	190~250	200~260	220~310	220~310
Setting pressure (bar)		210	210	230	230	240	240	240	240
Operating pressure (bar)		150~170	160~180	160~180	160~180	160~180	160~180	160~180	160~180
Impact rate (bpm)		400~900	400~800	350~750	360~700	210~450	210~450	210~450	210~450
Tool diameter (mm /inch)		120 / 4.72"	135 / 5.31"	140 / 5.51"	150 / 5.90"	155 / 6.10"	160 / 6.29"	175 / 6.89"	180 / 7.09"
Back head pressure (bar)		6±0.5	6±0.5	16±0.5	6±0.5	16±0.5	16±0.5	16±0.5	16±0.5
Accumulator pressure (bar)		60	60	60	60	60	60	60	60
Impact energy		2746	4217	5786	6129	10199	115000	12258	14258
Carrier weight (ton)		13~18	18-26	18-28	28-35	30-40	33-48	40-60	50-80

※ Above specifications are subject to change without prior notice for the improvement in quality.
※ Operating weight is included standard tool and top mounting cap.

SIDE TYPE (H TYPE)



US68H

US100H

US135H



US68H

US100H

US135H

Standard Specification

Model		US40H	US45H	US53H	US68H	US75H	US85H	US100H
Operating weight (kg /lbs)	H	80	120	145	250	400	500	1500
Required oil flow (L / min)		13~25	20~30	25~40	30~45	40~80	45~85	80~100
Setting pressure (bar)		90~130	90~130	150	160	170	170	195
Operating pressure (bar)		75~100	80~110	90~120	95~130	100~130	130~150	150~170
Impact rate (bpm)		800~1,200	600~1000	550~950	500~900	450~950	400~800	450~700
Tool diameter (mm /inch)		40/1.57	45/1.71	53/2.09	68/2.68	75/2.95	85/3.35	100/3.94
Back head pressure (bar)		16±0.5	16±0.5	16±0.5	16±0.5	16±0.5	16±0.5	16±0.5
Impact energy (J)		157	245	343	735	883	1373	2599
Carrier weight (ton)		0.5 – 1.5	1.2-4.0	3.0-5.0	3.5-7.0	5.0-9.0	7.0-12	10-14

※ Above specifications are subject to change without prior notice for the improvement in quality.
※ Operating weight is included standard tool and top mounting cap.

Standard Specification

Model		US120H	US135H	US140H(SS)	US150H	US155H(SS)	US160H	US175H(SS)	US180H
Operating weight (kg)	H	1800	1850	2300	2400	3200	4000	4700	5300
Required oil flow (L / min)		90~120	125~150	160~190	160~190	190~250	200~260	220~310	220~310
Setting pressure (bar)		210	210	230	230	240	240	240	240
Operating pressure (bar)		150~170	160~180	160~180	160~180	160~180	160~180	160~180	160~180
Impact rate (bpm)		400~900	400~800	350~750	360~700	210~450	210~450	210~450	210~450
Tool diameter (mm /inch)		120 / 4.72"	135 / 5.31"	140 / 5.51"	150 / 5.90"	155 / 6.10"	160 / 6.29"	175 / 6.89"	180 / 7.09"
Back head pressure (bar)		6±0.5	6±0.5	16±0.5	6±0.5	16±0.5	16±0.5	16±0.5	16±0.5
Accumulator pressure (bar)		60	60	60	60	60	60	60	60
Impact energy		2746	4217	5786	6129	10199	115000	12258	14258
Carrier weight (ton)		13~18	18-26	18-28	28-35	30-40	33-48	40-60	50-80

※ Above specifications are subject to change without prior notice for the improvement in quality.
※ Operating weight is included standard tool and top mounting cap.



Skid-Steer Loaders Type



Standard Specification

DESCRIPTION		UNIT	US 45SL	US 53SL	US 68SL	US 75SL
Operating Weight (including tool)	With Mount Cap	kg	200	250	350	550
Overall Height (including tool)	With Mount Cap	mm	1,113	1,398	1,572	1,700
Operation Pressure		bar	80~110	90~120	95~130	100~130
Required Oil Flow		lpm	20~30	25~50	30~50	40~80
Impact Rate		bpm	600~1,200	550~1,000	450~900	450~900
Impact Energy		Joule	416	492	849	1,210
Tool Diameter		mm(inch)	45(1.77)	53(2.08)	68(2.67)	75(2.95)
Backhead Pressure		bar	16	16	16	16
Suitable Machine		ton	0.8~3.0	1.0~3.5	2~7	3.5~9

※ Above specifications are subject to change without prior notice for the improvement in quality.



Backhoe Loaders Type



Standard Specification

DESCRIPTION		UNIT	US 68BL	US 75BL
Operating Weight (including tool)	With Mount Cap	kg	280	420
Overall Height (including tool)	With Mount Cap	mm	1,662	1,706
Operation Pressure		bar	95~130	100~130
Required Oil Flow		lpm	30~50	40~80
Impact Rate		bpm	450~900	450~900
Impact Energy		Joule	849	1,210
Tool Diameter		mm(inch)	68(2.67)	75(2.95)
Backhead Pressure		bar	16	16
Suitable Machine		ton	2~7	3.5~9

※ Above specifications are subject to change without prior notice for the improvement in quality.



Vibratory Plate Compactor



Standard Specification

DESCRIPTION	UNIT	KTC03	KTC06	KTC08	KTC10
Applicable Excavator	ton	2.0~7.0	6.0~15	18~25	24~35
Operating Weight	kg	270	500	900	950
Dimension (HxLxW)	mm	700×450×725	975×600×900	1,265×800×1,200	1,350×900×1,300
Plate Size	mm	450×725	600×900	800×1,200	900×1,300
Vibration per Minute(Max.)	v/min	2,400	2,000	2,000	2,000
Impact Force	ton	1.8	4	10	17
Operating Pressure	bar	90~130	100~130	120~160	130~170
Required Oil Flow	lpm	40~50	85~105	100~130	135~165
Motor (U.S.A)	type	M124-20	M5100-50	M5100-63	M5100-80

※ Above specifications are subject to change without prior notice for the improvement in quality.



Wider Carrier Ranger of USB Hydraulic breaker for Excavator (Operating Weight and Average Mounting group)

Breaker / Excavator	Bobcat	CASE	DH	CAT®	DOOSAN	HITACHI Inspire the Next	JCB	KOBELCO
US 45 (1.2 - 4.0 TONS)	709,8709,440b,443, X119X120,X220,81, 463,322D 533F,418, 324,520,533F	CK1.3,CX15,CX16, 1825, 835B,1818, 1825,1830,CK808	CK08,CK13, CK15,CK25	301-5,301-6,301-8	SOLAR007, SOLAR010, SOLAR015	EX8,UE10,EX12, UE15	801	SK007,SK007-2, SK013
US 53 (3.0 - 5.0 TONS)	325,425,B100,200, 250 520,533F,5543, 630,631 641,X119, X120,741,742 743, 5175,5185	CK1.3,CK15,CK23, CK161825, 835B, 1818,1830	CK08,CK13, CK15,CK25 CK28	301-8,302-5,303-5 303-6,216,226,228	SOLAR010, SOLAR015	EX8,UE10,EX12,UE12 UE15,EX17,EX18,UE20 EX22,EX30,UE30	801,801-5,803,801-6	SK07,SK09,SK013, SK13 SK015,SK025
US 68 (3.5 - 7.0 TONS)	E42,E35,S630,T630, S650X231,X325, 331D,843 853,334D, 863,5250	CK23,CK28,CK31, CX35 40XT, 60XT, 1830,845 70XT, 75XT,85XT	CK36	302-5,303-5,216,226 228 330CR,304-5 232,236,242,246,248	DH30,SOLAR30 SOLAR035,DSL602 DSL702,802	EX25,EX27,EX30, UE30,EX33,EX34, EX40,UE40	1CX,ROBOT150,160 165,170,185,190	SK015,SK15,SK16, SK25 SK030,SK035
US 75 (5.0 - 9.0 TONS)	883,963,943,980, T300,337D,331, A220,T200 341D, 442D,X335,E42, E45,S850 S250,S300	840,845,1845,CX35, CX5070XT,75XT, 85XT 90XT 95XT, 550,580,590	CK36,CK50, CK62,488C	232,236,242,246,248 262,303CR,304CR 305CR307, 416,420 426 428,430,438	DSL702,DSL902, DSL802DH50, SOLAR50,SOLAR55/ 55V, SOLAR70 SOLAR0 30/35	EX25,EX34,EX35, EX40,EX45,EX50, EX58,EX60UE40 UE50,LX50/70/80	2CX,3CZL70,R OBOT1105ROB OT190,11110,407 408,409/410ZX,802 ROBOT185	SK025,SK030,SK035 SK30,SK35,SK045, SK60 SK70,SK80, SK600,K903
US 85 (7.0 - 14 TONS)	E60,X238,X335	90XT,95XT,CX50, 550 580,590, CX75680CK WX90, 695,621D	CK36,CK50,CK62, 488C FC30,FY30, 488P	416,420,426,428,430 438,E70B,5080,252, 262 304CR,305CR,307, 446B 307,308,931	DH50,DH80W, SOLAR50SOLAR555/ 55V,SOLAR70SOLAR 80,DSL902	EX40U,EX45,EX50, UE50,EX58,EX60, EX80,EX90 UH02, ZAXIS80,EX60WD	2CX,3CZL70,ROBOT 1105/1110,407/408/ 409/410ZX,4CX, 416HT,JS70,DS-4	SK045,SK050,SK60, SK70SK80,SK100,SK 600,K903K904,SK60 MARK1
US 100 (12 - 16 TONS)	E80	WX120,CX130, CX135 588P,788F, 588P,788F 880,888, 9010,9020 CX75, 621D	CK60,CK61,688	E110B,205,206,311, 312 314,515,206BFT, 212BFT 446B,307, 308,931	SOLAR80,DH130, SOLAR130,DH80W, DH130	EX100,EX100-2, E100-3 EX100WD, EX60,EX60-2 EX60-3,EX60HD EX60WD,EX90,UH063	JS130,JS145,805, 806,811 812,814, 5C/W,4CX,416H	SK100III,SK10 OMARK1 SK60I II,SK60MARK1 SK115,SK120,SK135 SK150,K904,K905
US 120 (13 - 18 TONS)		WX120,CX130, CX135,588P,788 F,880,888, 9010 9020,35YC	CK60,CK61,688	E110B,205,206,311, 312,314,515,206BFT, 212BFT 205,211,24, 311,312,315	DH130, SOLAR130 SOLAR170	EX100,EX110,EX120 EX130,EX135,UH051 UH053,UH061,UH063 UH061,UH063, ZAXIS120	JC130,JS145,805, 806 811812,814, 5C/WJS150 JS150W,JS160	SK115,SK120,SK135 SK150,K120,K150 K904,K905,SK160W
US 135 (18 - 26 TONS)		CX180,CX210, CX225 CX240,WX170, WX200 CX1188FG, 9030,9040 1080, 1088,125B	85CK,90CK,125CK, 1088 1188,6988	215,219,224,225, 318 320,321,322, EL180 EL240,517, 527,545	DH200,SOLAR200 DH220, SOLAR220	EX200,EX210,EX220 EX225,EX230,H081/ 083,UH073,UH103, ZAXIS200ZAXIS230	JS180,JS200,JS210, JS220 JS240,7B/C, 8C/D	SK200,SK210,SK220 K230,SK235,ED180 ED190,K220,K907, K909
US 150 (27 - 35 TONS)		9045B,9050,9050B, CX240,CX290, CX1288,CX330, CX1188FG	1288,SC150L, RC200 160CK, 170CK-B	229A-C 229D,325C 325LRW/L,330, 325BL	DX300LC, SOLAR300LC	EX160HD,EX300, EX3500UH14/142	JS330	SK300,SK330
US 155 (30 - 50 TONS)		CX350,CX460, CX1288FG,170C, 220B,9060	220CK,300CK	235,330BL,345BL, 245 345,350,365	SOLAR360/400/450 DH450,SOLAR470	EX370,EX400,EX450 EX550,EX600,EX700 UH20,UH120,UH171 UH181	JS460	K330,400,480,K400 K914,916,SK600
US 175 (40 - 60 TONS)				375,245 ME A,375H 375J		EX1800-2,EX700		



Wider Carrier Ranger of USB Hydraulic breaker for Excavator

(Operating Weight and Average Mounting group)

Breaker / Excavator	KOMATSU	LIEBHERR	O&K	VOLVO	HYUNDAI	SANY	JOHN DEERE	SUMITOMO
US 45 (1.2 - 4.0 TONS)	PC05,PC05-1/5 PC05-5,PC05-6		RH1.1	EC15B	ROBEX15,ROBEX28		17D	SH20JX,SH25JX, SH28J
US 53 (3.0 - 5.0 TONS)	PC05,PC07-2		RH1.1,RH1.2,RH1.17 RH1.21	EC15B,EC14,EC20B	ROBEX35	SY75C	17D	SH20JX,SH25JX SH28J SH35J, SH35JX-2 S100,LS1000J
US 68 (3.5 - 7.0 TONS)	PC10,PC12,PC15, PC20 PC27,PC30, PW30,PW35		L4A,RH1.48,RH2.4	EC25,EC30,EC35 ZL302C,EC45	HX155R,R555,R555W RX500W,RX450, RX550 RX555M	SY75C	27D,35D	
US 75 (5.0 - 9.0 TONS)	PC30,PC40,PC45, PC50 PC60,PC7, PW75,PC80 PC90, PW30,PE35	L506/507/508/ 509/512/514	L4A,RH1.48,RH2.4 MH2.5 RH2.5,MH2.8 RH2.8	EC35,EC45,EW50, EC55 EC70,EW50, EW70,L20B /25B/ 30B/35B/40B/45B	ROBEX450,ROBEX500 ROBEX500W, ROBEX550	SY75C	50D	
US 85 (7.0 - 14 TONS)	PC40,PC45,PC50, PC60 PC75,PW75, PC80,PC90 PW95, PW60-5	L506/507/508/509/ 512/514,A308	MH2.5,RH2.5/MH2.8/ RH2.8,MH3,RH3	EC55,EC70,EW50, EW70 L20B/25B/30B/ 35B/40B /45B,BL74, L50D,612 616B	ROBEX95W,HL730	SY135C	75D,JD190E, JD410/9509	LS-1600FJ
US 100 (12 - 16 TONS)	PC60-5,PC60L-5 PC60U-5,PC95, PW60-5 PW95, PW95-5 PC100, PW110,PC120	L506/507/508/509/ 512/514,A900,R900, R308 A310,A312, A314	MH3.5,RH4,MH4, MH4.5	BL74,L50D,612,616B EC130,EW130,SE130 SE130W,EW140,646 L60E,L70E	R1400LC,R1400W HL740HL757,HX60W X120WRX1300 ROBEX110-VII	SY135C	JD190E,JD290D, JD410 /9505,85D	
US 120 (13 - 18 TONS)	PC100,PW110,PC120 PC128,PC130,PW130 PW130-6,PC150 PC180L-5, PC200	A900,R900,A/R901, R308A310,A312, A314,R310 R312	MH3.5,RH4,MH4, MH4.5	EC130,EW130,SE130 SE130W,EW140,646 L60E,L70E,EC150 EW160L90E	R1400LC,R140W HL740HL757,HX60W RX120W RX1300W RX1400,RX1300, ROBEX130W	SY200C	120D,135D, JD590D JD690B	LS2600 FJ2,LS2600J, LS2650AJ LS2650FJ2, S260SS,S265 SH100LC-2,SH135U-2
US 135 (18 – 26 TONS)	PC180,PC200,PC210 PC220,PC228,PC230, PC240	A/R904,A/R912,A/ R914A/R921,A/R922, A924,A/ R932,R941	MH5.5,RH5.5,MH6, RH6MH6.5,RH6.5, RH8	EC200,EC210,SE210 EC230,EW230	R2200LC,R2000W, HL770,HX80W, RX200W,RX2000W, RX2200	SY200C,SY205C, SY310C SY330C	200D,200D LC, 220D W,240D LC	LS2800FL2,LS3400AJ S340,LS3400E,S340EL S3400J,S90,S280, S70 S9411R
US 150 (27 – 35 TONS)	PC250LC-6,PC280-5, PC300	A/R942,A/R934, R924 R932	RH8.5,RH9,RH9.5, RH11 RH12,RH14	EC280,EC290,EC300	R320LC-3,R290LC-3 R320LC-3	SY360C	JD893E,JD792, JD892D	S400,SH350HD-28
US 155 (30 – 50 TONS)	PC360,PC400,PC450/ 600/650/750	R944,A944,A952, R954 R961,R962, R974,R974	RH16/16.5/18/20/ 23.5 /25/25.5/30D	EC340/360/390/420 /450/460/620/650	R3600LC/4500LC/ 4700LC/5000LC, RX4500/420/2900/ 3200/3600	SY420C	350D LC	LS-5800FJ2,S580 SH400-2B,SH450 HD-2B
US 175 (40 – 60 TONS)	PC650-1,PC650-3, PC650-5	R972,R974						S740,LS7400A



USB BREAKER PACKING SIZE & MAX UNITS & DELIVERY TIME

No.	Model	Type		WOODEN BOX			CBM	Net Weight (Kg)	Gross Weight (Kg)	ONE CONTAINER MAX UNITS
				WIDTH	LENGTH	HEIGHT				
1	US 45	Fixed Type	Open Type	1,050	550	670	0.39	120	210	60
		Cover Plate Type	Box Type	1,050	550	670	0.39	144	222	60
		M/CAP Type	Box Type	1,300	550	670	0.48	200	250	48
2	US 53	Fixed Type	Open Type	1,130	600	670	0.45	150	242	54
		Cover Plate Type	Box Type	1,100	600	670	0.44	200	292	54
		M/CAP Type	Box Type	1,330	600	670	0.53	260	330	36
		SKID LOADER Type	Box Type	1,300	1,300	850	1.44	298	400	8
3	US 68	Fixed Type	Open Type	1,250	600	700	0.53	250	372	36
		M/CAP	Open Type	1,500	600	750	0.68	404	510	27
		COVER PLATE	Box Type	1,300	600	700	0.55	320	440	36
		M/CAP Type	Box Type	1,550	600	700	0.65	340	474	27
		SKID LOADER Type	Box Type	1,500	1,300	900	1.76	414	580	8
4	US 75	BACK HOE TYPE	Open Type	1,350	550	950	0.71	352	486	32
		Cover Plate Type	Open Type	1,350	600	700	0.57	380	496	36
		M/CAP Type	Open Type	1,800	600	900	0.97	550	730	18
		BACK HOE TYPE	Open Type	1,350	550	950	0.71	400	570	32
		Cover Plate Type	Box Type	1,350	600	750	0.61	380	496	36
5	US 85	M/CAP Type	Box Type	1,600	600	750	0.72	410	510	27
		Cover Plate Type	Open Type	1,600	600	880	0.84	510	650	18
		M/CAP Type	Open Type	1,800	600	900	0.97	550	730	18
		Cover Plate Type	Box Type	1,600	600	900	0.86	492	630	18
		M/CAP Type	Box Type	1,850	600	900	1.00	556	764	18
6	US 100	Cover Plate Type	Open Type	1,600	600	900	0.86	674	914	18
		M/CAP Type	Open Type	1,900	600	900	1.03	832	1,063	18
		Cover Plate Type	Box Type	1,730	600	900	0.93	786	1,026	48
		M/CAP Type	Box Type	1,900	600	900	1.03	882	1,132	17
7	US 120	Cover Plate Type	Open Type	1,700	680	1,100	1.27	1,300	1,560	12
		M/CAP Type	Open Type	2,000	680	1,100	1.50	1,502	1,766	11
		Cover Plate Type	Box Type	1,730	680	1,100	1.29	1,114	1,400	14
		M/CAP Type	Box Type	2,050	680	1,100	1.53	1,360	1,694	11
8	US 135	Cover Plate Type	Open Type	1,900	680	1,100	1.42	1,600	1,980	10
		M/CAP Type	Open Type	2,150	680	1,100	1.61	1,766	2,130	9
		Cover Plate Type	Box Type	1,900	680	1,100	1.42	1,458	1,866	10
		M/CAP Type	Box Type	2,130	680	1,100	1.59	1,694	2,096	9
9	US 150	Cover Plate Type	Open Type	2,050	750	1,130	1.74	1,950	2,450	8
		M/CAP Type	Open Type	2,400	750	1,130	2.03	2,330	2,850	7
		Cover Plate Type	Box Type	2,100	750	1,130	1.78	1,812	2,326	8
		M/CAP Type	Box Type	2,400	750	1,130	2.03	2,120	2,670	7
10	US 160	Cover Plate Type	Open Type	2,250	850	1,200	2.30	2,440	3,028	4
		M/CAP Type	Open Type	2,600	850	1,200	2.65	2,960	3,580	4
		Cover Plate Type	Box Type	2,280	850	1,200	2.33	2,312	2,868	4
		M/CAP Type	Box Type	2,600	850	1,200	2.65	2,664	3,200	4
11	US 180	Cover Plate Type	Open Type	2,650	950	1,300	3.27	3,710	4,400	4
		M/CAP Type	Open Type	3,140	950	1,300	3.88	4,324	5,082	2
		M/CAP Type	Box Type	3,140	980	1,280	3.94	4,200	5,100	2
		Cover Plate Type	Box Type	2,650	950	1,300	3.27	4,280	4,830	4



CHISEL

BRAND	SERIES
ABEX	EXB
ARDEN	AB
ARROWHEAD	S
ATLAS COPCO	MB
ATLAS COPCO	HB
ATLAS COPCO	PB
ATLAS COPCO	SB
ATLAS COPCO	SBC
ATLAS COPCO	TEX
ATLAS COPCO	HBC
BERCO	BB
BOBCAT	B
BOBCAT	HB
BOBCAT	BOBCAT
CASE	CB
CATERPILLAR	H
CHICAGO PNEUMATIC	CP
CNH(CASE NEW HOLLAND)	CB
DandA	D&A
DandA	S
DAEMO	DMB
DAEMO	S
DAEMO	B
DEHACO	DHB
DNS	D
DNS	K
DONGMYUNG TOPA	TOPA
DONGYANG	DYB
DONGYANG	DHB
DRAGO	DRH
EURORAM	RM
EVERDIGM(HANWOO)	RHB
EVERDIGM(HANWOO)	EHB
FEEL E.N.G	FINE
FURUKAWA	F
FURUKAWA	HB
GEHL	G
GENERAL BREAKER	GB
GLOBRAM	RM
HUSKIE	HH
INDECO	HB
INDECO	HP
INDECO	MES
INDECO	UP
ITALDEM	GK
JAB	JB
JAB	RB
JACTY	NJB
JACTY	JB
JCB Hammermaster	HM
JISUNG	JSB
JISUNG	SF
KENT	KF
KENT	KHB
KOMAC	KB
KOMAC	TOR
KOMATSU	M
KOMATSU	JKHB
KOMATSU	JTHB
KRUPP	HM
KUBOTA	KXB
KUBOTA	KM
KWANGLIM	SG
LIFTON	LH
MARUZEN	MBB
MARUZEN	BH

CHISEL

BRAND	SERIES
MIRACLE BREAKER	33
MIRACLE MACHINERY	34
MIRACLE MACHINERY	34
MIRACLE MACHINERY	34
MONTABERT	35
MONTABERT	35
MONTABERT	35
MONTABERT	35
MONTABERT	35
MONTABERT	35
MSB	50
MSB	50
NEUSON	36
NPK	37
NPK	37
NPK	37
OKADA	38
OKADA	38
OKADA	38
OKTEC	39
ORENSTEIN & KOPPEL(O&K)	42
POWERKING	40
PROMOVE	41
RAMMER	42
RAMMER	42
RAMMER	42
RAMMER	42
ROTAIR	43
ROTAIR	43
SANDVIK	42
SCHAEFF	35
SOCOMEK	44
SOCOMEK	44
SOOSAN	45
SOOSAN	45
STANLEY	46
TAESHIN	47
TAKEUCHI	49
THYSSEN-KRUPP-TECHNOLOGIE	04
TOKU	48
TOYO	49
TRAMAC	35
TRAMAC	35
TRAMAC	35
TRAMAC	35
VOLVO	43
WIMMER	50
MKB	51

PISTON

BRAND	SERIES
ATLAS COPCO	TEX
FURUKAWA	HB
FURUKAWA	F
KRUPP	HM
MONTABERT	BRH
MONTABERT	BRV
NPK	H
RAMMER	S
RAMMER	E
TOKU	TNB
TOYO	THBB

ROD / TOOL / CHISEL TYPE

STANDARD TYPE

H-WEDGE / CROSS-CUT / FLAT WEDGE-HORIZONTAL



Mining, Foundation, Trenching and benching, Concrete demolition, Finishing slopes

V-WEDGE / INLINE-CUT / FLAT WEDGE-VERTICAL



Mining, Foundation, Trenching and benching, Concrete demolition, Finishing slopes

MOIL POINT / PYRAMID



Universal use: Breaking concrete, bedrock and pavement

UNIVERSAL / CONICAL / CONE POINT



Universal use: Breaking concrete, bedrock and pavement

FLAT / BLUNT TOOL / FLAT END POINT



Breaking oversize boulders, Concrete demolition

SPECIAL TYPE

DUST



Something like a fragment of broken rocks can get out well to make work easier

ASPHALT CUTTER / FROST WEDGE / WIDE CHISEL / FLAT WEDGE-HORIZONTAL



Mining, foundation, trenching and benching, demolition, finishing slopes Breaking asphalt pavement

SLAB BUSTER / ELEPHANT FOOT



Bridge Decks / Concrete Footings & Slabs

IMPACT



Cutting steel tanks for demolition

CORE TYPE



More durable than usual chisels

TAMPER / TAMPING TOOL



Compression of ground and gravel

PIPE DRIVER / RAMMINGTOLL / POST HOLE DRIVER



Driving in something like a post

