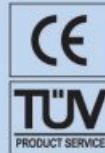


TIGER HYDRAULIC BREAKERS



TIGERHAMMER®

TIGER® HYDRAULIC BREAKERS

“泰戈” 液壓破碎錘

OTHER PRODUCTS LINES

1. “TIGER” CHISEL TOOLS
2. “TIGER” COMPACTORS
3. “TIGER” QUICK COUPLERS
4. “TIGER” CRUSHERS
5. “TIGER” SHEARS
6. OTHER HAMMER SPARE PARTS

**KOREA HEAVY
MACHINERY CO., LTD.**





KOREA TIGER TIGER® hydraulic breakers 泰戈®
Heavy Machinery Co., Ltd.

INTRODUCTION

Dear Sirs,

Korea Heavy Machinery Co.,Ltd is one of the leading manufacturers of hydraulic attachments and chisel tools in Korea.

“TIGER” HYD.HAMMERS are designed for working in quarries, various construction sites such as disassembly, breaking up roads, housing land development, demolition, sewage system and so on.

The products are results from our continuous research and development with intensive investment.

The philosophy of “TIGER”HYD.BREAKERS are to manufacture the world best quality and the most reliable HYD.HAMMERS and various brands of chisel tools in the world market while providing the products at a reasonable prices to meet the satisfaction of customers all over the world.

Accordingly, we have obtained excellent results of overseas market based upon the strict quality control in U.S.A, Europe and East Asia market.

We “Korea Heavy Machinery Co.,Ltd” is doing utmost efforts to maximize the satisfaction of our customers throughout the world by offering premium quality products at an affordable prices, not to mention prompt and professional after sales services.

Finally, we are trying to expand our services to any villages in the world and looking forward to finding a reliable agents or business partners especially in Middle East Asia, South & Central America, Africa.

Hoping you will enjoy our products and have a chance to discuss a lot of things in the near future.

Sincerely Yours

Young Ki, Chang / President
www.tigerbreaker.com
www.tigerhammer.com

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TIGER HYDRAULIC BREAKERS

I SILENT / BOX TYPE 靜音型破碎錘

The TIGER silenced hammer series offers low noise level, high impact power for the ideal demolition equipment for the city or residential area. We are your environmental friendly partner.



TECHNICAL SPECIFICATION 技術參數

Description		型号	KH-110(S)	KH-150(S)	KH-220(S)	KH-235(S)	KH-250(S)	KH-350(S) / MULTI PIN
Weight with Tool	總重量	kgs(lb)	110(242)	160(352)	185(407)	262(576)	344(757)	433(953)
Overall Length with Tool(mm)	全長	mm	1134	1280	1400	1480	1625	1713
Required Oil Flow	流量	l/min(gal/min)	15-25(4-7)	20-30(5-8)	25-40(7-11)	30-45(8-12)	30-45(8-12)	40-80(11-21)
Blow	衝擊數量/每分衝	B.P.M	800-1200	600-1000	550-950	500-900	450-750	450-950
Working Pressure	工作油壓	kg/cm ² (psi)	80-110(1138-1565)	80-110(1138-1565)	90-120(1280-1849)	95-130(1352-1850)	95-130(1351-1849)	100-130(1422-1849)
Hose Diameter	油管 厚度	mm(inch)	12.7(1/2 ")	12.7(1/2 ")	12.7(1/2 ")	12.7(1/2 ")	12.7(1/2 ")	12.7(1/2 ")
Tool(Rod)	Diameter 直徑	mm(inch)	40(1.57)	45(1.7)	53(2.0)	58(2.3)	68(2.7)	75(2.9)
	Tool Length 長度	mm	425	500	580	630	700	750
	Tool Wt 重量	kgs	3.7	5.5	8.6	12	17.5	22.5
Bucket Range	挖機鏟斗立方	m ³	0.07 below	0.03-0.1	0.06-0.2	0.1-0.25	0.15-0.3	0.2-0.3
Carrier Weight	挖機重量	ton	0.8-2.5 below	1.2-3.0	2.5-4.5	3.0-5.5	4.0-7.0	6.0-9.0



KH-500(S)	KH-600(S)	KH-950(S)	KH-1500(S)-II	KH-2200(S)-II	KH-2500(S)-II	KH-3500(S)	KH-4000(S)-IV	KH-5000(S)-II
677(1490)	942(2072)	1500(3300)	1780(3916)	2320(5104)	3000(6600)	3356(7383)	4030(8866)	5600(12320)
2120	2400	2580	2766	3075	3330	3250	3711	3902
45-85(12-23)	80-110(21-29)	90-120(24-32)	125-150(33-40)	160-190(42-50)	190-250(50-66)	200-250(53-66)	210-290(56-77)	210-300(56-79)
400-800	450-630	400-530	400-500	320-450	270-320	300-450	250-350	310-450
130-150(1849-2133)	150-170(2133-2417)	150-170(1233-2417)	160-180(2275-2560)	160-180(2275-2560)	160-180(2275-2560)	160-180(2277-2562)	160-180(2345-2629)	160-180(2345-2629)
19(3/4 ")	19(3/4 ")	25.4(1 ")	25.4(1 ")	25.4(1 ")	31.7(1-1/4 ")	31.7(1-1/4 ")	31.7(1-1/4 ")	31.7(1-1/4 ")
85(3.4)	100(3.9)	125(4.9)	135(5.3)	150(5.9)	155(6.1)	168(6.6)	175(6.8)	190(7.5)
810	1050	1100	1200	1350	1400	1450	1600	1700
29	57	95	121	166	182	220	268	330
0.3-0.5	0.45-0.6	0.65-0.7	0.8-0.9	1.0-1.2	1.2-1.4	1.2-1.4	1.4-2.0	2.0-3.0
8.0-12.0	11.0-16.0	15.0-20.0	18.0-25.0	28.0-35.0	35.0-40.0	42.0-49.0	50.0-55.0	55.0-65.0

* "S" Means Silent / Box Type.

* For improvement, Specification are subject to change without notice.

TIGER HYDRAULIC BREAKERS

INTERNAL STRUCTURE Box Type

內部構造圖

FOR MODEL

KH-110(S)~KH-950(S)

Through Bolt

- Reduces internal torsion Stress to increase fastener life

Full Box Enclosure

- No rigid side-bolts
- Low maintenance cost
- Extremely durable welded structure
- Reduces noise
- Hammer is completely protected and quieter

Long Piston Stroke

- Maximizes impact energy
- Minimizes recoil
- Eliminates mechanical springs
- Special heat-treated and hardened piston

Proven Working Principle(oil and gas assist)

- Pressurized nitrogen gas is the main power source, to operate with less demand on the carrier's hydraulic system.
- Operate with maximum efficiency even on smaller carries that generate less oil flow.

Fewer Components

- Around one-third as its competitor, around 30 to 90 items depending on model
- Easy maintenance
- Dealers need fewer spare parts in inventory
- Easy to rebuild

Perfect Cushion Damper

- Optimal damping system made of high quality urethane
- Minimizing recoil shock induced by impact
- Reduces noise and vibration

Unique Valve Design For Model KH-110S, KH-150S, KH-220S, KH-235S, KH-250S, KH-350S, KH-600S, KH950S

- Lessens pressure fluctuation
- Less damage on carrier's pump

Wide and Light-Weight Cover

- Noise insulation
- Dust protection, Easy maintenance

Easy Maintenance

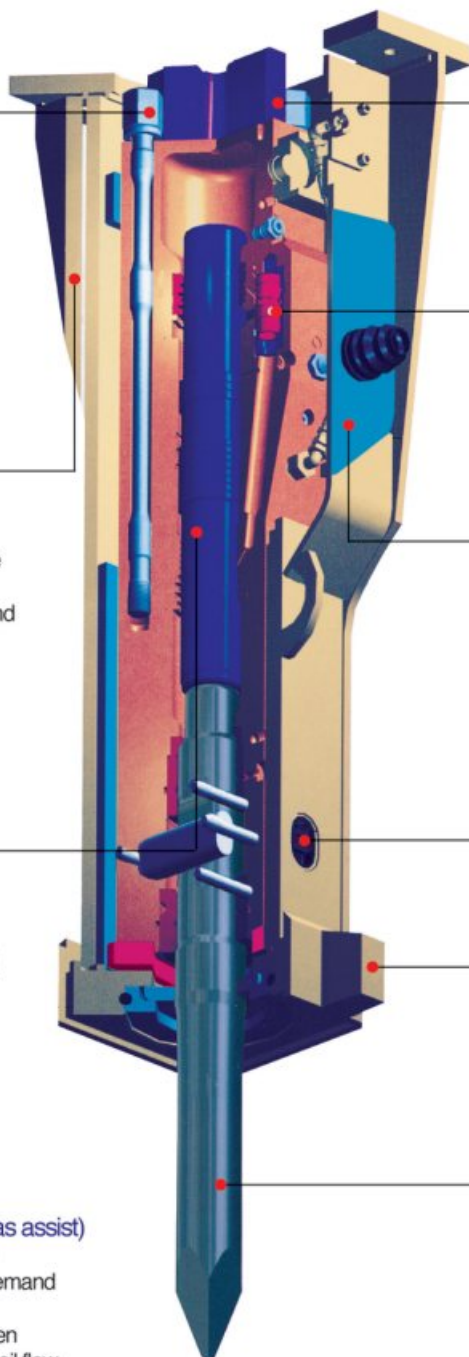
- Fewer components
- Wide and appropriate openings

Hardened rock dragger

- Resisting wear and abrasion

High Quality Working Tool

- Optimized by high grade steel and heat treatment





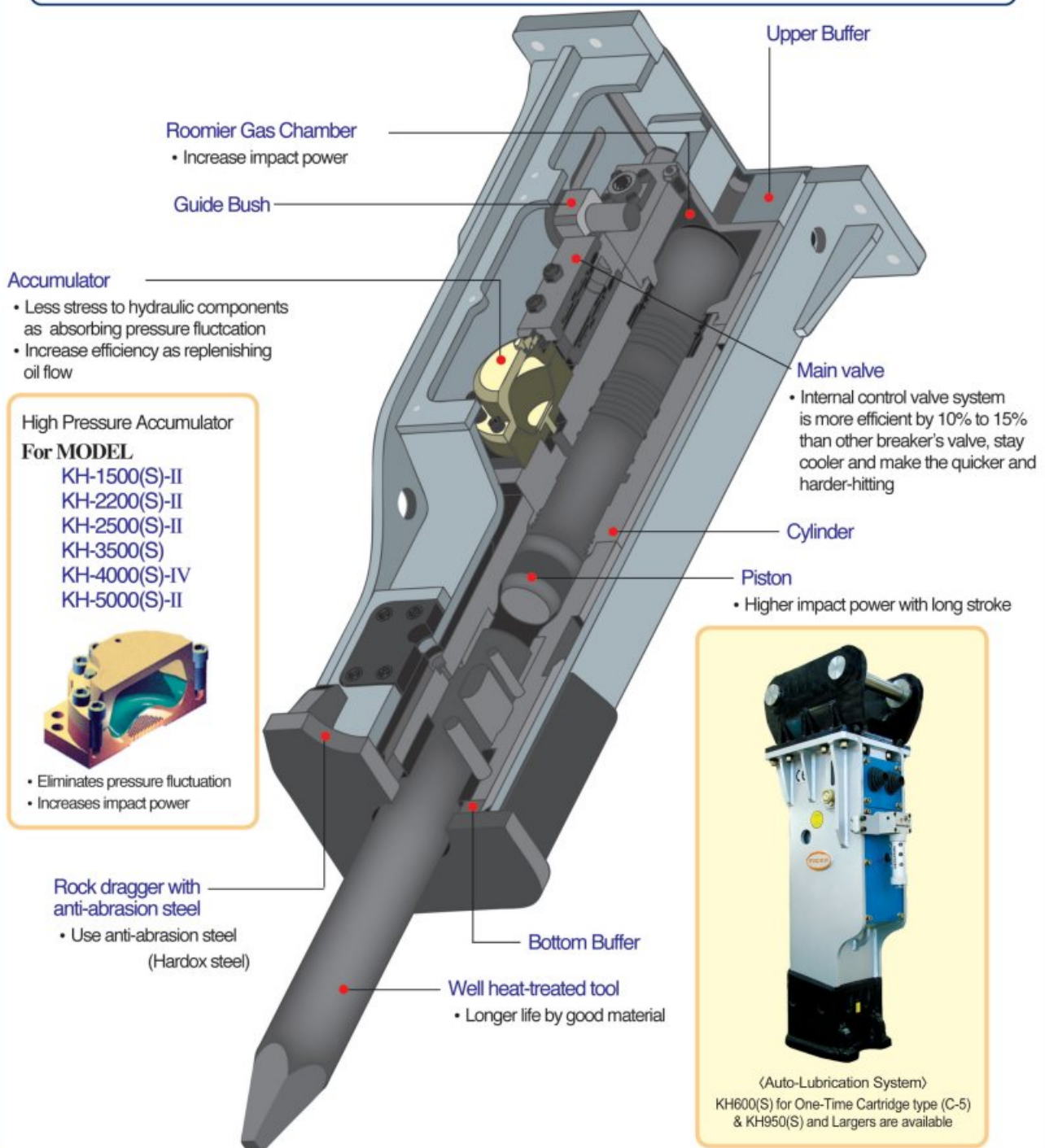
INTERNAL STRUCTURE Box Type

内部構造圖 FOR MODEL

KH1500(S)-II~KH5000(S)-II

ANTI-BLANK FIRE SYSTEM (A.B.S)

The breaker won't work if there is no pressure on the chisel.
Cutting edged and advanced design of firing structure minimizes unnecessary impact to front head, thru bolts, chisel and rod pins and ensures longer service life of hammers.
For further details, pls kindly contact your local distributors.



TIGER HYDRAULIC BREAKERS

Open Type Hammers.....

II SIDE MOUNT TYPE 三角式破碎锤



KH-250

KH-350



KH-600



KH-950

SKID STEER BRACKET TYPE



KH350-SKID



KH-1500II

KH-2200II

KH-2500 II

BACKHOE TYPE

KH-350BHL



It is designed appropriately
to be mounted on
various backhoe loaders.



III TOP MOUNT TYPE 塔式破碎錘



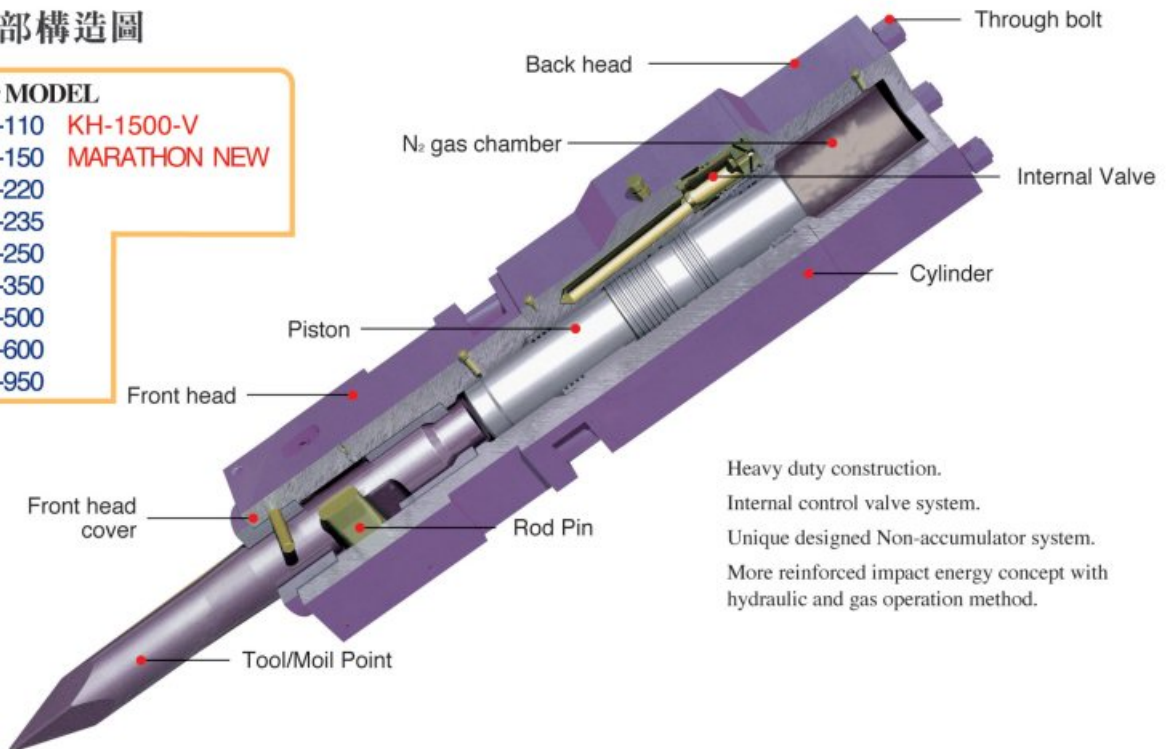
TIGER HYDRAULIC BREAKERS

INTERNAL STRUCTURE for Mainbody

內部構造圖

For MODEL

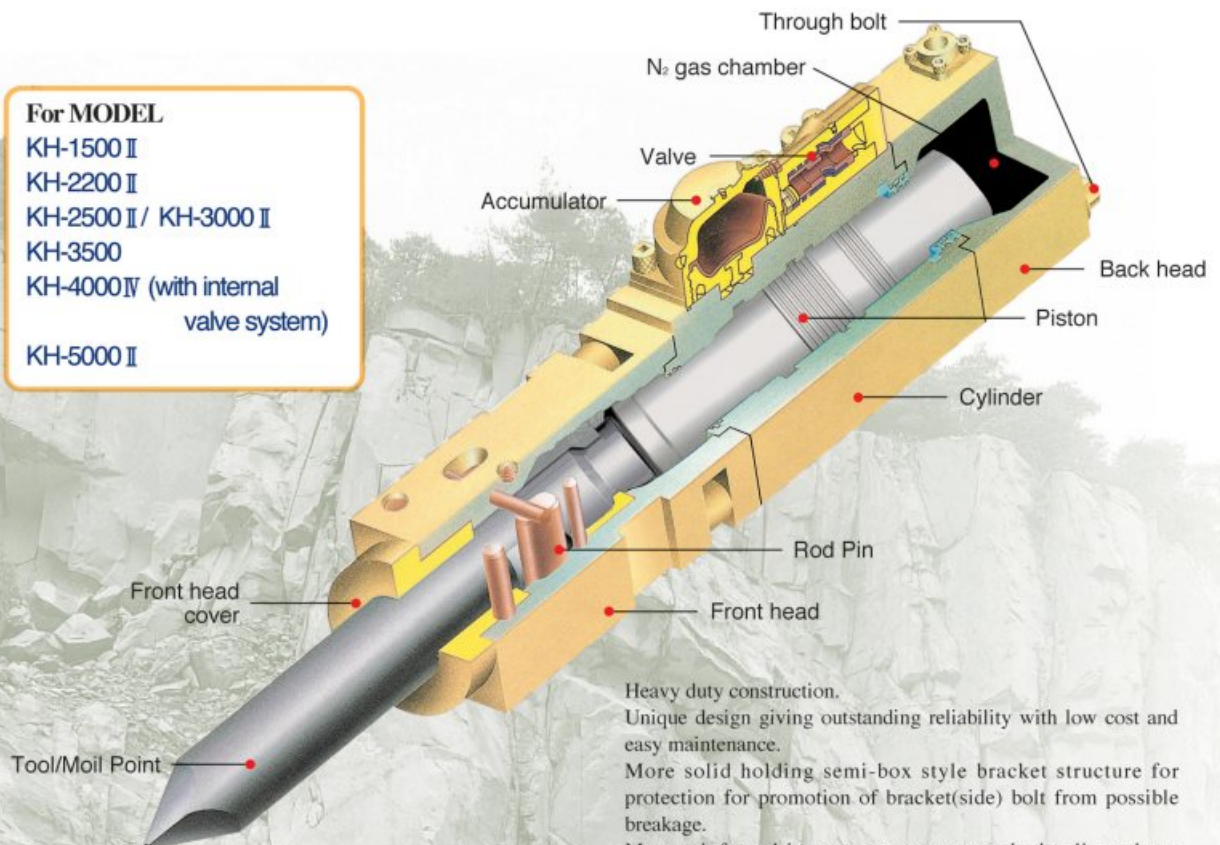
KH-110 KH-1500-V
KH-150 MARATHON NEW
KH-220
KH-235
KH-250
KH-350
KH-500
KH-600
KH-950



Heavy duty construction.
Internal control valve system.
Unique designed Non-accumulator system.
More reinforced impact energy concept with hydraulic and gas operation method.

For MODEL

KH-1500 II
KH-2200 II
KH-2500 II / KH-3000 II
KH-3500
KH-4000 IV (with internal valve system)
KH-5000 II



Heavy duty construction.
Unique design giving outstanding reliability with low cost and easy maintenance.
More solid holding semi-box style bracket structure for protection for promotion of bracket(side) bolt from possible breakage.
More reinforced impact energy concept hydraulic and gas energy operation method.



TECHNICAL SPECIFICATION 技術參數

Open Type

Model 型号	Bucket Range 挖機鏟斗立方	Carrier Weight 挖機重量	Weight with Tool 總重量	Overall Length with Tool(mm) 全長		Required Oil Flow 流量	Blow 衝擊數量 / 每分鐘	Working Pressure 工作油壓	Hose Diameter 油管 厚度		Tool(Rod) 鈎杆		
	m ³	ton	kgs(lb)	side	top	l/min (gal/min)	B.P.M	kg/cm ² (psi)	mm	inch	Dia 直徑 mm (inch)	Length 長度 mm	Wt 重量 kgs
KH-110	0.07 below	0.8-2.5 below	100(220)	-	1115	15-25(4-7)	800-1200	80-110(1138-1565)	12.7	1/2"	40(1.6)	425	3.7
KH-150	0.03-0.1	1.2-3.0	153(337)	-	1251	20-30(5-8)	600-1000	80-110(1138-1565)	12.7	1/2"	45(1.7)	500	5.5
KH-220	0.06-0.2	2.5-4.5	186(409)	-	1372	25-40(7-11)	550-950	90-120(1280-1849)	12.7	1/2"	53(2.0)	580	8.6
KH-235	0.1-0.25	3.0-5.5	262(576)	-	250	30-45(8-12)	500-900	95-130(1352-1850)	12.7	1/2"	58(2.3)	630	12
KH-250	0.15-0.3	4.0-7.0	307(675)	1343	1641	30-45(8-12)	450-750	95-130(1351-1849)	12.7	1/2"	68(2.7)	700	17.5
KH-350BHL	0.2-0.3	6.0-9.0	410(902)	-	1669	40-80(11-21)	450-950	100-130(1422-1849)	12.7	1/2"	75(2.9)	750	22.5
KH-500	0.3-0.5	8.0-12.0	607(1335)	-	2160	45-85(12-23)	400-800	130-150(1849-2133)	19	3/4"	85(3.3)	800	29
KH-600	0.45-0.6	11.0-16.0	861(1894)	1989	2339	80-110(21-29)	450-630	150-170(1233-2417)	19	3/4"	100(3.9)	1050	57
KH-950	0.5-0.7	15.0-20.0	1505(3311)	2245	2570	90-120(24-32)	400-530	150-170(2133-2417)	25.4	1"	125(4.9)	1100	95
KH-1500 II	0.8-0.9	18.0-25.0	1818(4000)	2295	2719	125-150(33-40)	400-500	160-180(2275-2560)	25.4	1"	135(5.3)	1200	121
KH-1500 V	0.8-0.9	18.0-25.0	1816(3995)	2295	2719	125-150(32-40)	400-500	160-180(2275-2560)	25.4	1"	135(5.3)	1200	121
KH-2200 II	1.0-1.2	28.0-35.0	2410(5302)	2600	3030	150-190(40-50)	320-450	160-180(2275-2560)	25.4	1"	150(5.9)	1350	166
KH-2500 II	1.2-1.4	35.0-40.0	3130(6886)	2650	2951	190-250(50-66)	270-320	160-180(2275-2560)	31.7	1-1/4"	155(6.1)	1400	182
KH-3000 II	1.2-1.4	40.0-45.0	3172(6978)	-	3320	190-250(50-66)	270-320	160-180(2275-2560)	31.7	1-1/4"	160(6.3)	1450	207
KH-3500	1.2-1.4	42.0-49.0	3356(7383)	-	3500	200-250(53-66)	300-450	160-180(2277-2562)	31.7	1-1/4"	168(6.6)	1450	220
KH-4000 IV	1.4-2.0	50.0-55.0	4030(8866)	-	3760	210-290(56-77)	250-350	160-180(2275-2560)	31.7	1-1/4"	175(6.8)	1600	268
KH-5000 II	2.0-3.0	55.0-65.0	5600(12320)	-	3902	210-300(56-79)	310-450	160-180(2275-2560)	31.7	1-1/4"	190(7.5)	1700	330

* "S" Means Silent / Box Type that are also available with same model.

* BHL Means "Backhoe loader".

* For improvement, Specification are subject to change without notice.

APPLICABLE EXCAVATORS 適用機種

CARRIER	KH-110	KH-150	KH-220 KH-235	KH-250	KH-350	KH-500	KH-600	KH-950	KH-1500 II KH-1500 V	KH-2200 II	KH-2500 II	KH-3000 II KH-3500	KH-4000 IV	KH-5000 II
SUMITOMO		SH25	SH35	SH40	SH70	SH120	SH135	SH160	SH200 SH210 SH240	SH280 SH300 SH330	SH330 SH340 SH350	SH350	SH450 SH460	
HYUNDAI	R17	R25 R30	R35	R60 HX60	R80	R80	HX140 HX145	HW210 HX180L HX160L	HX220 HX235	HX300	HX380	HX480	HX520 HX480	
CASE POCLAIN	CX08, 1818 CK1.3, 1825	CK28 CK36	85XT 90XT	CK35 CK36	CK50 CK62 580, 590	488	488	688B, 888B	1088 1188 1288	CK220	CK350			
CATERPILLAR		301-5 301-6 301-8	302-5 216, 226 228	303 304	428, 430 E70B, 252 5080 304CR	E110B E120B 205 311, 312	E110B E120B 205 311, 312	206BFT 211, 212 213 315	225 225 325	229 235 330	235	235	50ME, 245 345, 350	365
FIAT- HITACHI HITACHI	EX8 EX12 EX15	EX8 EX20	EX25 EX30	EX34 EX40	EX45 EX50 EX60	FH120 EX100 EX100W	FH120 EX100 EX100W	FH150 EX160WD	FH220 FH270	FH300 ZAXIS330	FH400 EX400	FH400 EX400 ZAXIS470	EX450 ZAXIS470 EX550	EX600 EX700
KOBELCO	SK007-2 SK013	SK09 SK13	SK15 SK25	SK30 SK35	SK45 SK60 SK70, SK80	SK100 SK100W SK120	SK100 SK100W SK120	SK100 SK100W SK120	SK220	SK300	SK400	SK400 SK410	SK460 SK480	SK600
KOMATSU	PC05	PC05 PC07	PC10 PC20 PC27	PC30 PW30 PC45	PC50 PC60 PC80 PC90	PC100 PW100 PW120	PC100 PW100 PW120	PC150 PW150 PW170	PC220 PC240	PC280 PC300 PC310	PC360 PC400 PC410	PC360 PC400 PC410	PC450	PC600
LIEBHERR					L506 L507 512/514	R310 R312 A910 R910	R310 R312 A910 R910	R312 A900LIT A900LIT A902 R902	R922LIT A932LIT R932LIT	R942LIT			R952 R954	R962 R964
DOOSAN		DX15			DX55		DX140		DX220LC DX225LC	SOLAR300 DX300LC S340	DX350 DX380	DX420	DX480 DX520 S500	DX700
VOLVO		EC14 EC15 EC20B	EC30 EC25	EC35 EC45	EC55 EC70 EW70	EC130 EW130	EC130 EW130	EC140B EC150	EC200 EC210 EC240	EC290	EC300 EC360	EC360	EC460	EC620 EC650

TIGER HYDRAULIC BREAKERS

IV SPARE PARTS FOR HYD.HAMMERS 零部件

CHISELS/ TOOLS FOR VARIOUS BRANDS OF HAMMERS

銷售各種公司的鈎杆



CHISELS FOR
ALLIED, ATLAS, CATERPILLAR, EURORAM,
FURUKAWA, INDECO, KRUPP, MONTABERT,
NPK, OKADA, RAMMER, STANLEY, TELEDYNE,
TOKU, TEISAKU, TOYO AND ANY KOREAN BRANDS.

- This list contains our standard program.
Further chisels / tools are available upon request

TOOLS FOR VARIOUS APPLICATIONS

各種用途的鈎杆

	DESCRIPTION	APPLICATION
	Conical	Concrete
	Moil Point	Rocks
	Wedge Point (= Chisel)	Asphalt Cutting Trenches&Slopes
	Blunt-End Point	Quarries

❖ All part are designed by special
technique of TIGER breaker



❖ Accurate parts
❖ Special-heat-treatment
❖ Higher quality steel



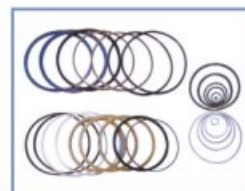
❖ VARIOUS TOOL BUSHINGS



❖ VARIOUS FRONTHEADS
AND CYLINDERS



❖ DIAPHRAGM / MEMBRANE



❖ SEALS



❖ MAINBODY



❖ SILENT CASING



V TIGER FACTORY 工場

한국머쉬너리(주)

KOREA HEAVY MACHINERY CO., LTD.

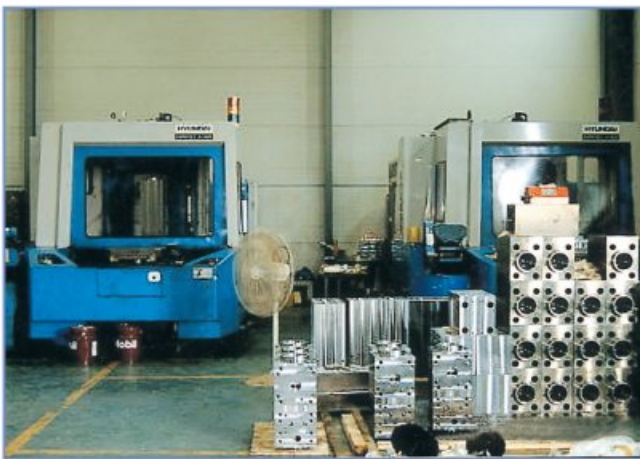
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EXPERIENCE
COUNTS

TH[®]
TIGERHAMMER[®]



OR WORLD-BEST
一流產品之列



KH2500S IN U.K



OS IN PACIFIC ISLANDS



KH3500(S) IN NORWAY



KH4000(S) IN NORWAY



KH2500 IN CHINA



KH-1500 IN CHINA



KH2200 IN E.MALAYSIA



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