



The Best Solution in Hydraulic Industry  
**INNO BREAKER**

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# SILENCED BOX TYPE

- \* Noise reduction technology !
- \* Friendly environment !
- \* High quality & produ of durability !



## Standard Specification

ITEM/Model	UNIT	SH 20S	SH 30S	SH 35S	SH 40S	SH50S	SH 70S	SH 100S	SH 150S
Operating Weight	kg	120	140	210	320	395	600	920	1,240
with mount cap+Rod	lb	265	308	463	705	870	1,322	2,028	2,733
Oil flow rate	l/min	20~40	25~50	30~60	40~70	50~90	60~100	80~110	90~120
Setting pressure	bar(psi)	130(2,301)	150(2,176)	150(2,176)	160(2,321)	180(2,611)	180(2,611)	190(2,756)	210(3,046)
Operating pressure	bar	90~120	90~120	100~130	110~140	120~150	130~160	150~170	150~170
	psi	1,305~1,740	1,350~1,740	1,450~1,885	1,596~2,031	1,740~2,176	1,885~2,321	2,176~2,466	2,176~2,466
Impact rate	bpm	700~1,200	600~1,100	500~1,100	500~900	400~800	400~800	350~700	350~700
Impact energy	kgf.m (Joule)	16.2 (159)	32 (314)	48 (470)	65 (637)	75 (735)	138.2 (1,354)	160.2 (1,570)	260 (2,549)
Hose diameter	inch	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Tool diameter	mm	45	53	60	68	75	85	100	120
Tool length	mm	500	550	600	700	800	900	1,000	1,100
Carrier weight	ton	1.2 ~ 3.0	2.5 ~ 4.5	3.0 ~ 5.5	4~7	6~9	7~14	11~16	13~18

Light duty range Medium duty range Heavy duty range  
 ※ Above specification can change without a previous notice for improvement in quality

SH 160S	SH 200S	SH 220S	SH 250S	SH 350S	SH 380S	SH 400S	SH 450S	SH 500S	SH 550S
1,460	1,705	1,730	1,816	2,150	2,290	2,890	3,380	3,140	4,075
3,218	3,758	3,813	4,003	4,739	5,048	6,371	(7,451)	(6,922)	(8,983)
90 ~120	100~150	125 ~150	120~180	160 ~190	150 ~210	180~240	200 ~250	200~260	210~290
210 (3,046)	210 (3,046)	210 (3,046)	210 (3,046)	230 (3,336)	230 (3,336)	230 (3,336)	240 (3,481)	250 (3,626)	250 (3,626)
150~170	160~180	2,321160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
2,176 ~ 2,466	~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321~ 2,611	2,321 ~ 2,611	2,321~ 2,611	2,321~ 2,611	2,321~ 2,611	2,321~ 2,611
350 ~ 650	350 ~ 600	400 ~ 800	350~500	360 ~ 700	300 ~ 450	300 ~ 450	300 ~ 350	250 ~ 400	200 ~ 350
276.5 (2,710)	360 (3,724)	430 (4,217)	475 (4,655)	600 (5,884)	620 (6,080)	656 (6,429)	920 (9,022)	1,340 (13,132)	1,547 (15,161)
1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
125	135	135	140	150	150	155	160	165	175
1,100	1,200	1,200	1,300	1,300	1,400	1,500	1,400	1,600	1,600
15~18	16~21	18~26	18~26	27~35	25 ~30	28~35	32 ~ 44	30~45	40~55

Light duty range Medium duty range Heavy duty range  
 ※ Above specification can change without a previous notice for improvement in quality





# TOP Type

- \* Ready to work under any working sites !
- \* High quality & durability !
- \* Priority system for customer satisfaction !



## Standard Specification

ITEM / Model	UNIT	SH 20T	SH 30T	SH 35T	SH 40T	SH 50T	SH 70T	SH 100T	SH 150T
Operating Weight with mount cap+Rod	kg	100	120	189	298	375	577	890	1,210
	lb	220	265	417	657	827	1,272	1,962	2,668
Oil flow rate	l/min	20 ~ 40	25 ~ 50	30 ~ 60	40 ~ 70	50 ~ 90	60~100	80~110	90~120
Setting pressure	bar (psi)	140 (2,031)	150 (2,176)	150 (2,176)	160 (2,321)	180 (2,611)	180 (2,611)	190 (2,756)	210 (3,046)
	bar	90 ~ 120	90 ~ 120	100 ~ 130	110~140	120~150	130~160	150~170	150 ~ 170
Operating pressure	psi	1,305 ~ 1,740	1,305 ~ 1,740	1,450 ~ 1,885	1,596 ~ 2,031	1,740 ~ 2,176	1,885 ~ 2,321	2,176 ~ 2,466	2,176 ~ 2,466
	bpm	700 ~ 1,200	600 ~ 1,100	500 ~ 1,000	500 ~ 900	400 ~ 800	400 ~ 800	350~700	400 ~ 900
Impact energy	kgf.m (Joule)	16.2 (159)	32 (314)	48 (470)	65 (637)	75 (735)	138.2 (1,354)	160.2 (1,570)	260 (2,549)
Hose diameter	inch	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Tool diameter	mm	45	53	60	68	75	85	100	120
Tool length	mm	500	550	600	700	800	900	1,000	1,100
Carrier weight	ton	1.2 ~ 3.0	2.5 ~ 4.5	3.0~5.5	4~7	6~9	7~14	11~16	13~18

Light duty range Medium duty range Heavy duty range  
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SH 160T	SH 200T	SH 220T	SH 250T	SH 350T	SH 380T	SH 400T	SH 450T	SH 500T	SH 550T
1,431	1,675	1,700	1,786	2,100	2,237	2,838	3,310	3,065	4,002
3,155	3,693	3,748	3,937	4,630	4,932	6,257	7,297	6,757	8,823
90~120	100~150	125~150	120~180	160~190	150~210	180~240	200~250	200~260	210~290
210 (3,046)	210 (3,046)	210 (3,046)	210 (3,046)	230 (3,336)	230 (3,336)	230 (3,336)	240 (3,481)	250 (3,626)	250 (3,626)
150~170	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
2,176 ~ 2,466	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611
350 ~ 650	350 ~ 600	400 ~ 800	350~500	360 ~ 700	300 ~ 450	300 ~ 450	300 ~ 350	250 ~ 400	200 ~ 350
276.5 (2,710)	360 (3,724)	430 (4,217)	475 (4,655)	600 (5,884)	620 (6,080)	656 (6,429)	920 (9,022)	1,340 (13,132)	1,547 (15,161)
1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
125	135	135	140	150	150	155	160	165	175
1,100	1,200	1,200	1,300	1,300	1,400	1,500	1,400	1,600	1,600
15~18	16~21	18~26	18~26	27~35	25~30	28~35	32~44	30~45	40~55

Light duty range Medium duty range Heavy duty range  
 ※ Above specification can change without a previous notice for improvement in quality



# SIDE Type

- \* Ready to work under any working sites !
- \* High quality & durability !
- \* Priority system for customer satisfaction !



## Standard Specification

ITEM / Model	UNIT	SH 20C	SH 30C	SH 35C	SH 40C	SH 50C	SH 70C	SH 100C	SH 150C
Operating Weight with mount cap+Rod	kg	100	120	189	298	375	577	890	1,210
	lb	220	265	417	657	827	1,272	1,962	2,668
Oil flow rate	l/min	20 ~ 40	25 ~ 50	30 ~ 60	40 ~ 70	50 ~ 90	60~100	80~110	90~120
Setting pressure	bar (psi)	140 (2,031)	150 (2,176)	150 (2,176)	160 (2,321)	180 (2,611)	180 (2,611)	190 (2,756)	210 (3,046)
Operating pressure	bar	90 ~ 120	90 ~ 120	100 ~ 130	110~140	120~150	130~160	150~170	150 ~ 170
	psi	1,305 ~ 1,740	1,305 ~ 1,740	1,450 ~ 1,885	1,596 ~ 2,031	1,740 ~ 2,176	1,885 ~ 2,321	2,176 ~ 2,466	2,176 ~ 2,466
Impact rate	bpm	700 ~ 1,200	600 ~ 1,100	500 ~ 1,000	500 ~ 900	400 ~ 800	400 ~ 800	350~700	400 ~ 900
Impact energy	kgf.m (Joule)	16.2 (159)	32 (314)	48 (470)	65 (637)	75 (735)	138.2 (1,354)	160.2 (1,570)	260 (2,549)
Hose diameter	inch	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Tool diameter	mm	45	53	60	68	75	85	100	120
Tool length	mm	500	550	600	700	800	900	1,000	1,100
Carrier weight	ton	1.2 ~ 3.0	2.5 ~ 4.5	3.0~5.5	4~7	6~9	7~14	11~16	13~18

Light duty range Medium duty range Heavy duty range

※ Above specification can change without a previous notice for improvement in quality

SH 160C	SH 200C	SH 220C	SH 250C	SH 350C	SH 380C	SH 400C	SH 450C	SH 500C	SH 550C
1,431	1,675	1,700	1,786	2,100	2,237	2,838	3,310	3,065	4,002
3,155	3,693	3,748	3,937	4,630	4,932	6,257	7,297	6,757	8,823
90~120	100~150	125~150	120~180	160~190	150~210	180~240	200~250	200~260	210~290
210 (3,046)	210 (3,046)	210 (3,046)	210 (3,046)	230 (3,336)	230 (3,336)	230 (3,336)	240 (3,481)	250 (3,626)	250 (3,626)
150~170	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
2,176 ~ 2,466	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611
350 ~ 650	350 ~ 600	400 ~ 800	350~500	360 ~ 700	300 ~ 450	300 ~ 450	300 ~ 350	250 ~ 400	200 ~ 350
276.5 (2,710)	360 (3,724)	430 (4,217)	475 (4,655)	600 (5,884)	620 (6,080)	656 (6,429)	920 (9,022)	1,340 (13,132)	1,547 (15,161)
1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
125	135	135	140	150	150	155	160	165	175
1,100	1,200	1,200	1,300	1,300	1,400	1,500	1,400	1,600	1,600
15~18	16~21	18~26	18~26	27~35	25~30	28~35	32~44	30~45	40~55

Light duty range Medium duty range Heavy duty range

※ Above specification can change without a previous notice for improvement in quality



# Quality Premium Type

- \* advanced technology !
- \* Excellent performance !
- \* Easier and Fast maintenance !



# Backhoe Loader Type Skid Steer Loader Type



### Option Device

#### Auto lubricant system



- Auto lubricant system with its grease cartridges guarantee that breaker tool bushes receive the exact grease amount during its operation.
- This makes the demolition impact smoother and extends the bush & tool life.

#### ◆ Special feature & Merits for SUNG HO-QP series

- Superior impact power performance : Enlarged piston size by increasing of impact energy in 20% than the previous models.
- Convenient grease lubrication : Improved lubrication greases to inject it from one spot of control valve housing only.
- Minimize the vibration : Minimize the vibration by expansion of gas chamber capacity from mechanism aspect.

### • Quality Premium Standard Specification

ITEM / Model	UNIT	SH QP100	SH QP220	SH QP350	SH QP450
Operating Weight with mount cap+Rod	kg	910	1,750	2,530	3,360
	lb	1,962	3,858	5,578	7,408
Oil flow rate	l/min	80 ~110	145 ~ 180	175 ~220	200 ~ 250
Setting pressure	bar (psi)	190 (2,756)	210 (3,046)	230 (3,336)	240 (3,481)
Operating pressure	bar	150~170	160 ~ 180	160 ~ 180	160 ~ 180
	psi	2,176~ 2,466	2,321 ~ 2,611	2,321 ~ 2,611	2,321~ 2,611
Impact rate	bpm	350~700	360 ~ 460	320 ~ 400	300 ~ 350
Impact energy	kgf.m (Joule)	160.2 (1,570)	468 (4,586)	780 (7,644)	1,110 (10,878)
Hose diameter	inch	3/4"	1"	1 1/4"	1 1/4"
Tool diameter	mm	100	135	150	165
Tool length	mm	1,000	1,200	1,400	1,450
Carrier weight	ton	11~16	20-27	28-35	25-48

※ Above specification can change without a previous notice for improvement in quality

### • Skid Steer Loader Standard Specification

ITEM / Model	UNIT	SH 30SL	SH 35SL
Operating Weight with mount cap+Rod	kg	155	225
	lb	342	496
Oil flow rate	l/min	25 ~ 50	30 ~ 60
Setting pressure	bar (psi)	150 (2,176)	150 (2,176)
Operating pressure	bar	90 ~ 120	100 ~ 130
	psi	1,305 ~ 1,740	1,450 ~ 1,885
Impact rate	bpm	600 ~ 1,100	500 ~ 1,000
Impact energy	kgf.m (Joule)	32 (314)	48 (470)
Hose diameter	inch	1/2"	1/2"
Tool diameter	mm	53	60
Tool length	mm	550	600
Carrier weight	ton	2.5 ~ 4.5	3.0 ~ 5.5

※ Above specification can change without a previous notice for improvement in quality

### • Backhoe Loader Standard Specification

ITEM / Model		UNIT	SH 35	SH 40BL	SH 50BL
Operating Weight	Havy duty	kg	221	340	427
		lb	463	705	870
with mount cap + Rod	Light duty	kg	189	298	375
		lb	417	657	827
Oil flow rate		l/min	30 ~ 60	40 ~ 70	50 ~ 90
Setting pressure		bar (psi)	150 (2,176)	160 (2,321)	180 (2,611)
Operating pressure		bar	100 ~ 130	110~140	120~150
		psi	1,450 ~ 1,885	1,596 ~ 2,031	1,740 ~ 2,176
Impact rate		bpm	500 ~ 1,000	500 ~ 900	400 ~ 800
Impact energy		kgf.m (Joule)	48 (470)	65 (637)	75 (735)
Hose diameter		inch	1/2"	1/2"	1/2"
Tool diameter		mm	60	68	75
Tool length		mm	600	700	800
Carrier weight		ton	3.0 ~ 5.5	4~7	6~9

※ Above specification can change without a previous notice for improvement in quality



# Adaptalbe Base Carrier ranges for INNO Breakers

- \* Noise reduction technology !
- \* Friendly environment !
- \* High quality & produ of durability !

ITEM / Model	BOBCAT	CASE	CASE/POCLAIN	CAT	DOOSAN(DAEWOO)	HITACHI
SH 10 (0.5-1.5 Tons)	520, 530, X122, X220, X119, X120, 440B, 443	CK08, 1818UNILD, CK1.3, 1825UNILD	CK08, CK13		SOLAR007, SOLAR0010	EX8, UE10, EX12, EX15
SH 20 (0.8-3 Tons)	709, 8709, 440B 443, X119, X120, 81, 463, 322D, 533F	CK1.3, CK15, CK161,CK08, CK13, CK15, 825, 835B, 1818, 1830	CK25	301-5, 303-6, 301-8	SOLAR007, SOLAR0010	EX8, UE10, EX12, UX12, UE15, EX17, EX18, UE20, EX22
SH 30 (2.5-4.5 Tons)	B100, B200, B250, 520, 533F, 543, 630, 631, 641, 643, 645 721, 753, 763, 773, X122, X123, X220,	CK23, CK28, CK31, 40XT, 60XT, 1830	CK23, CK28, CK31, 40XT, 60XT, 1830	302-5, 303-5, 216, 226, 228	DH30, SOLAR30, SOLAR035, DSL602	EX25, EX38, EX30, UE30, EX33
SH 35 (3-5.5 Tons)	X225, X825, X320, X325, 325D, 328D, S175, S185					
SH 40 (4-6 Tons)	883, 963, 943, 980, T300, 337D, 331(E), A220(S), T200(S), 341D, 442D, X335	840, 1845, CX35, 70XT, 75XT, 85XT	CK36	303CR, 304-5, 232, 236, 242, 246, 248, 262	DSL702, DSL802	EX34, EX40, UE40
SH 50 (5-9 Tons)		90XT, 95XT, CX50, 550, 580, 590, 680CK, CK62	CK36CK50, CK62, 488C	416, 420, 426, 428, 430, 438, E70B, 5080, 252, 262, 304CR, 305CR, 307	DH50, SOLAR50, SOLAR555/55V, SOLAR70, DSL902	EX40U, EX45, EX50, UE50(e), EX58, EX60, UH02
SH 70 (6-11 Tons)		WX90, 965, CX75, 621D	FC30, FY30, 488P FC30, FY30	446B, 307, 308, 931	SOLAR80, DH80W	UH04, UH043, EX80, EX90, ZAXIS80
SH 100 (9-14 Tons)		WX120, CX130, CX135,588P, 788F, 880, 888, 9010, 9020	CK60, CK61, 688	E110B, 205, 206, 311, 312, 314, 515, 206BFT, 212BFT	DH130, SOLAR130	EX100, EX110, EX120, EX130, EX135, UH051, UH053, UH061, UH063, ZAXIS120
SH 150, SH 160 (16-21 Tons)		WX150, CX160, 788RR, 1085	70CK, 80CK, 8CK 888	214B, E120B, 315, 525B, 535B	SOLAR170, DH170	
SH 200 SH 220 SH 250 (18-26 Tons)		CX180, CX210, CX225, CX240, WX170, WX220, CX188FG, 9030, 9040, 1080, 1088, 125B	85CK, 90CK, 115PC, 125CK, 1088, 1188, 6988	215, 219, 224, 225, 318, 320, 321, 322, E/EL180, E/EL220, E/EL240, 517, 527, 545	DH200, SOLAR200, DH220, SOLAR220	EX200, EX210, EX220, EX225, EX230, H801/ 803, UH09(e), UH073, UH103, ZASIX200, ZASIS230
SH 350 SH 400 (25-36 Tons)		9045B, CX240, CX290, CX1288, 6050, 9050B, CX330 CX1188FG	1288, SC150L, RC200, 160CK/CL, 170CK-B	229, 325, E/EL300, 229D, 231, 330	DH280, DH320, SOLAR280, SOLAR 290, SOLAR320, SOLAR330	ES270, EX280, UH121, UH123, UH143EX300, EX350, ZAXIS270, ZAXIS330
SH 450 SH 400 (35-48 Tons)		CX350, CX460, CX1288FG, 170C, 2200B, 9060	22CK/CL, 220CK.B	235, 330BL/CL, 345BL	SOLAR360, SOLAR 400, SOLAR450, SOLAR470, DH450	EX370, EX400, EX450, UH171, UH181
SH 550 (45-60 Tons)			300CK	50ME, 245, 345, 350, 365		UH120, UH20, EX550, EX600, EX700

JCB	KOBELCO	KOMATSU	LIEBHERR	HYUNDAI	Q&K	VOLVO(SAMSUNG)
801	SK007-2, SK013	PC05-1/5, PC05-6		ROBEX15, ROBEX28	RH1.1	
801, 8015, 8016	SK007, SK09, SK013, SK13	PC05, PC07-2		ROBEX35	RH1.1, RH1.2, RH1.17, RH1.21	EC14, EC15B EC20B
1CX, ROBOT 150/160/ 165/165/170/185	SK015, SK15, SK16, SK25	PC10, PC12, PC15, PC20, PC27		HX15SR	RH1.29, RH1.3, RH1.35	EC30, EC25, ZL302C
ROBOT190	SK025, SK030, SK035, SK30, SK35	PC30, PW30, PE35		ROBEX450, ROBEX500, ROBEX500W	L4A, RH1.48, RH2.4	EC35, EC45
2CX, 3C/CX/D, ZL 70, ROBOT1105/ 1110, 407/408/409/ 410ZX	SK045, SK050, SK45, SK60, SK70, SK80, SK600, K903	PC40, PC45, PC50, PC60, PC75, PW75, PC80, PC90	L506/507/508/ 509/512/514	ROBEX95W	MH2.5, RH2.5, MH2.8, RH2.8	EC55, EC70, EW50, EW70, L20B/25B/30B/ 35B/40B/45B
4CX, 416HT	SK60MMI,K904, 80CS, SK100	PW95	A308	ROBEX1104W	MH3, RH3, MH2.10, RH2.10	BL74, L50D, 612, 616B
JS130, JS145, 805, 811, 812, 814, 5C/W	SK115, SK120, SK135, SK150, K120, K150, K904, K905	PC100, PW110, PC120, PC128, PC130, PW130	A/R902, R900, A/R901, R308, A310, A312, A314	HX60W, ROBEX130W, ROBEX35140LC	MH3.5, RH4, MH4, MH4.5	EC130, EW130, SE130, SE130W EW140, 646, L60E, L70E
JS150, JS160, JS175	SK135, SK160 K150	PC150, PW150, PW170	A/R902, A/R900, R310, R312, A316	ROBEX170W, ROBEX180LC	RH4.5, RH5, MH5	EC140B, EC150, EW150, EW160, L90E
JS180, JS200, SJ210,JS220, JS240, 7B/C, 8C/D	SK270LC, SK290, SK300, SK320, K300, K912	PC180, PC200, PC210, PC220, PC228, PC230, PC240	A/R904, R912, A/R914, A/R921, A/R922, A924, A/R932, R941	HW80, ROBEX200W, ROBEX200LC, ROBEX220LC, ROBEX250LC	MH5.5, RH5.5, MH6, RH6, MH6.5, RH6.5, RH8	EC200, EC210, EC230, EC240 SE210, EW230
JS330	SK270LC, SK290, SK300, SK320, K300, K912	PC250, PC280, PC300, PC350	A/R942LIT, A/R934, R924, R932LIT	HX100, ROBEX280LC/290LCRH9.5, RH11, 300LC/320LC/330LC /360LC	RH8.5, RH9, RH12, RH14	EC280, EC290, EC300, SE280, SE350
JS460	SK330, SK400, SK480, K400, K914, K916 SK600	PC360, PC400, PC450	R944, R952, R954, R961, R962	ROBEX360LC, ROBEX420LC, ROBEX250LC	RH160, RH16.5, RH18, RH20, RH25	EC340, EC360, EC390, EC420, EC450, EC460
		PC600, PC650, PC750	A944, R962LIT, R964, R974	ROBEX500LC	RH23, RH25.5 RH30D	EC620, EC650

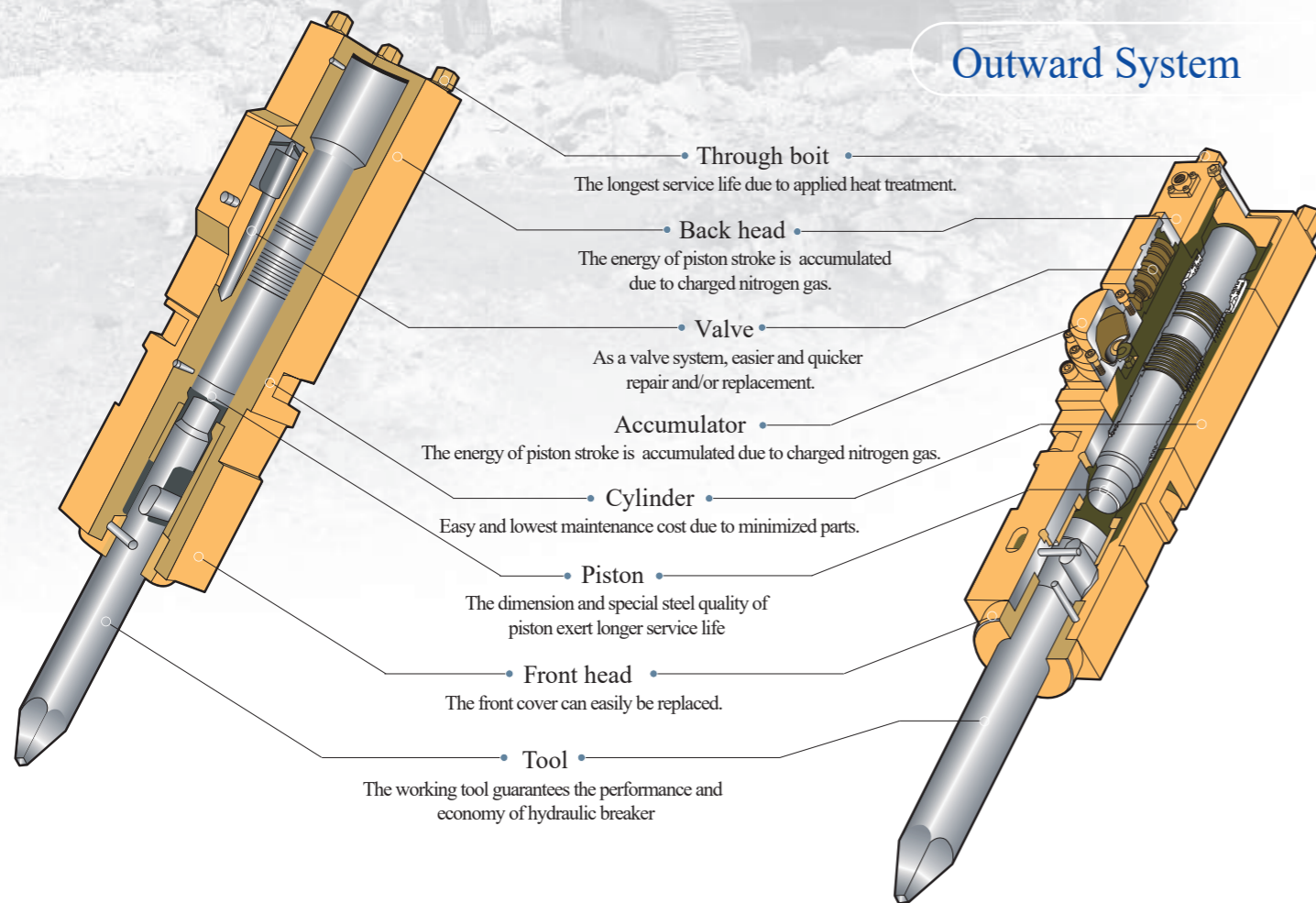




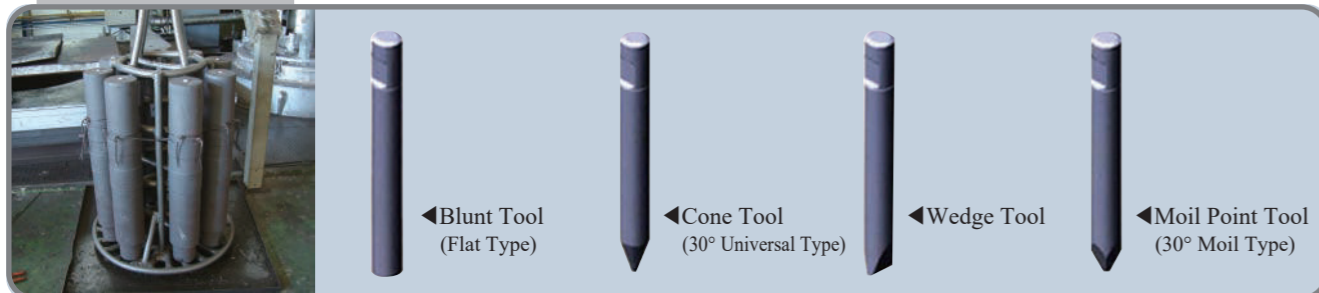
# Main body Assembly Part

## Inward System

## Outward System



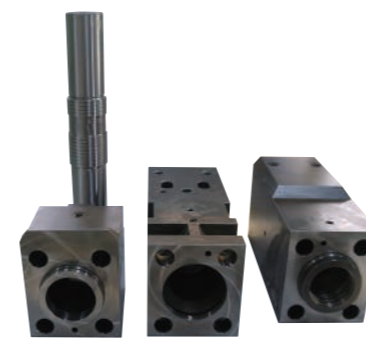
## Type of Tools



# Genuine Part

- \* Genuine parts
- \* Cylinder Assembly
- \* Basic Accessories

On time qualified part delivery is the main critical issue of customers. We hereby guarantee that we always supply the valuable customers the parts on just-in-time.



Main Assembly



Consumable Spare Parts



Basic Accessories

