



Global Leader
AY AY Heavy Industries



Features & Advantages

• Durability

- Longer Chisel Pin & Bigger Through Bolt to Improve Durability
- Minimized Welding Works with Bracket Fabrication Process to Strengthen Durability

• Performance

- Applied 2 Step Stroke & Idle Blow Preventing Structure System
- Stronger Impact Power
- Low Noise

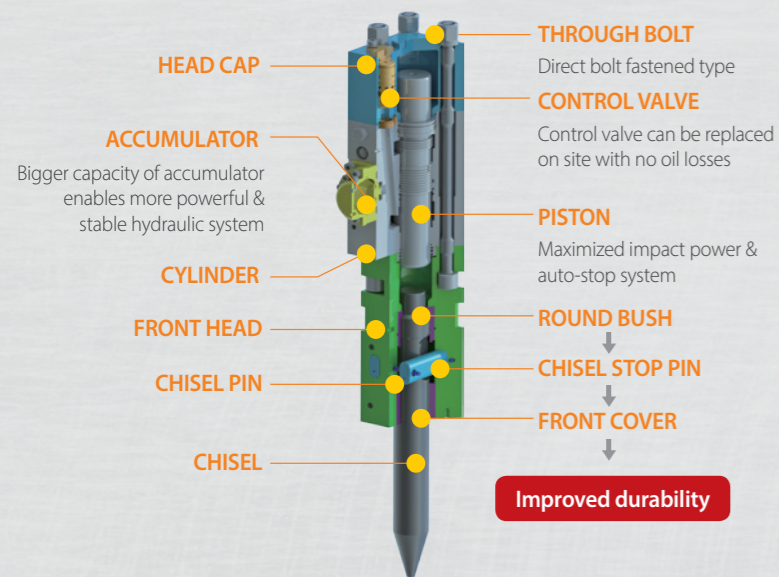
• Supplementation

- Prevention of Chisel Stop Pin Looseness
- No Oil Loss When Changing the Control Valve
- Lower Vibrating & Tighter Fastening between Power Cell and Bracket

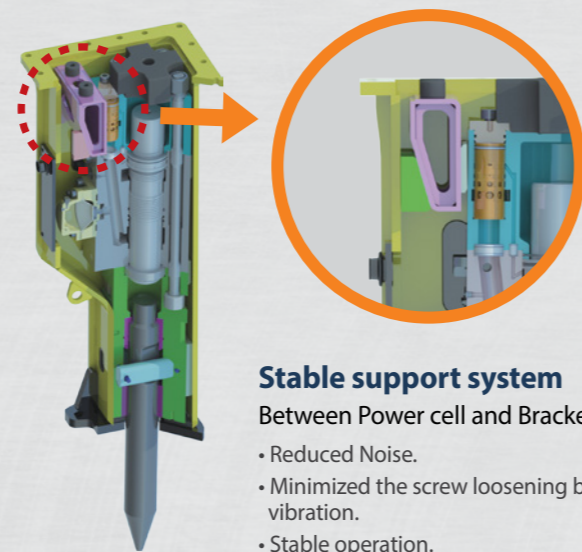
• Convenience for Use

- Operator Oriented Design
- Simple Assembling & Disassembling
- Control Valve can be Replaced on Site with Ease and Speed.
- Easy Maintenance (Time & Cost Saving)
- Longer Life Time of Parts

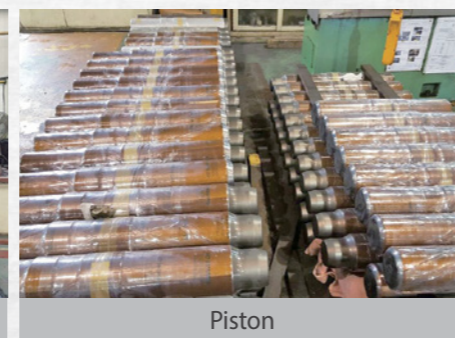
Product Information



Bracket



Parts



SKID LOADER

AYA-2SSL, 4SSL, 6SSL, 7SSL are used for skid loader.
Above specifications are subject to change without notice

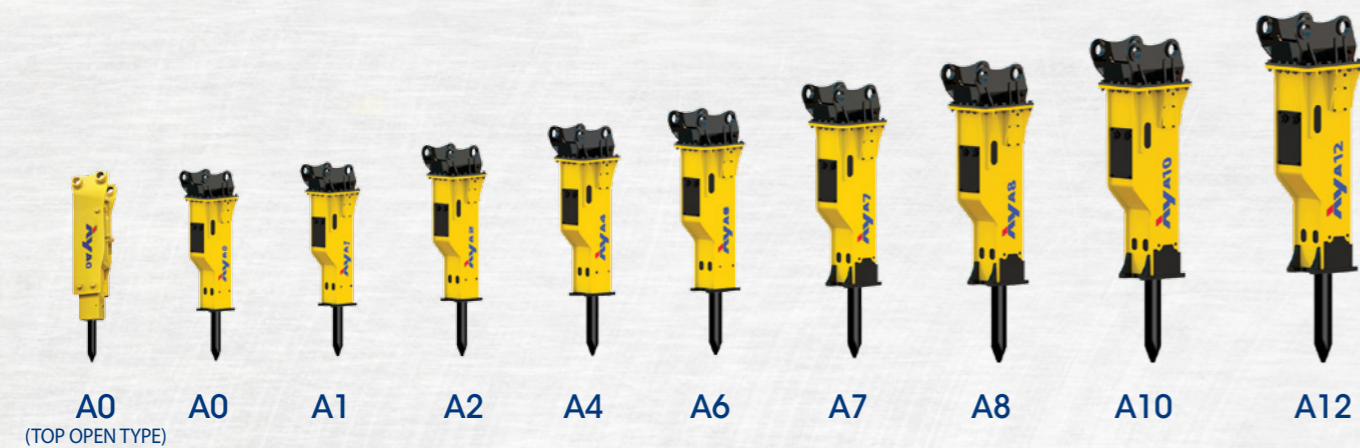


Description	Unit	A2SSL	A4SSL	A6SSL	A7SSL
Operation Weight	Kg (Lbs)	250 (551)	325 (716)	485 (1,069)	535 (1,179)
Number of Blow (Long stroke)	Bpm	600~1,490	550~1,300	380~1,100	380~1000
Required Oil Flow	Lpm (Gpm)	20~70 (5.28~18.49)	30~70 (7.92~18.49)	38~110 (10.03~29.05)	45~140 (11.88~36.98)
Operating Pressure	Kg/cm ² (Psi)	90~190 (1,280~2,702)	110~190 (1,565~2,702)	120~190 (1,707~2,702)	140~190 (1,991~2,702)
Tool diameter	mm (Inch)	57 (2.24)	70 (2.76)	75 (2.95)	80 (3.15)
Suitable Excavator	Ton (Lbs)	1.5~4.0 (3,307~8,818)	3.0~6.0 (6,614~14,330)	4.5~8.0 (9,921~17,637)	4.5~8.0 (9,921~17,637)



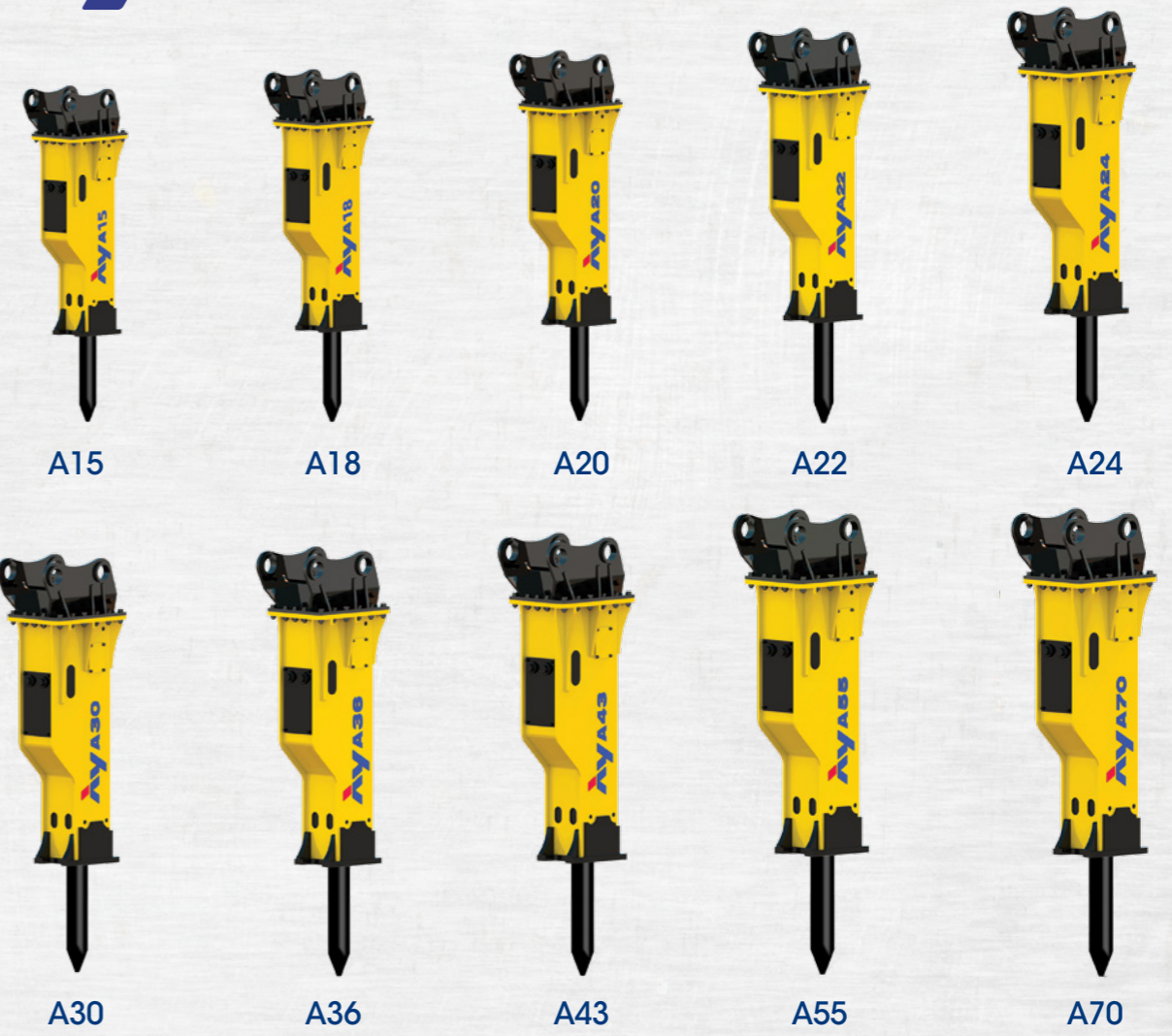
TOP BOX TYPE (Low Noise)

Structure for noise reduction and prevention of the internal vibration.



(TOP OPEN TYPE)

Description	Unit	A0	A1	A2	A4	A6	A7	A8	A10	A12	A15	A18
Operating Weight	Kg	56	122	190	280	350	510	565	850	920	1170	1460
	lb	123	269	419	618	772	1124	1245	1873	2029	2580	3218
Operating Pressure	Kg/cm ²	60~120	90~120	90~120	110~165	120~165	140~170	140~170	140~180	140~180	160~190	160~190
	Psi	853~1,707	1,280~1,707	1,280~1,707	1,565~2,347	1,707~2,347	1,991~2,418	1,991~2,418	1,991~2,560	1,991~2,560	2,276~2,702	2,276~2,702
Tool diameter	mm	40	45	57	70	75	80	90	95	105	115	125
	Inch	1.57	1.77	2.24	2.75	2.95	3.14	3.54	3.74	4.13	4.52	4.92
2 nd Relief setting pressure	Kg/cm ²	175	175	175	175	175	175	175	210	210	210	210
	Psi	2,489	2,489	2,500	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000
Oil Flow	LPM	17~25	15~30	20~70	30~65	38~80	38~90	42~95	65~115	70~125	90~130	100~135
	GPM	4.49~6.60	3.96~7.92	5.2~10.5	7.9~17.1	10~21.1	10~23.7	11~25	17~30	18.4~33	23.7~34.3	26.4~35.6
Blow Rate	Bpm Long/s	810~1200	540~1000	600~1490	550~1300	380~1100	380~1000	370~900	360~650	350~600	320~550	320~480
	Bpm Shor/s						490~1100	480~1000	600~950	600~900	400~700	400~650
Accumulat or Gas pressure	Kg/cm ²	-	-	-	40~50	40~50	40~50	40~50	55~60	55~60	55~60	55~60
	Psi	-	-	-	570~710	570~710	570~710	570~710	780~850	780~850	780~850	780~850
Suitable carrier	ton	0.5~2.0	0.8~2.5	1.5~4.0	3.0~6.0	4.5~8.0	4.5~8.8	6.0-10	8.0-12.5	10~15	12~18	16~22

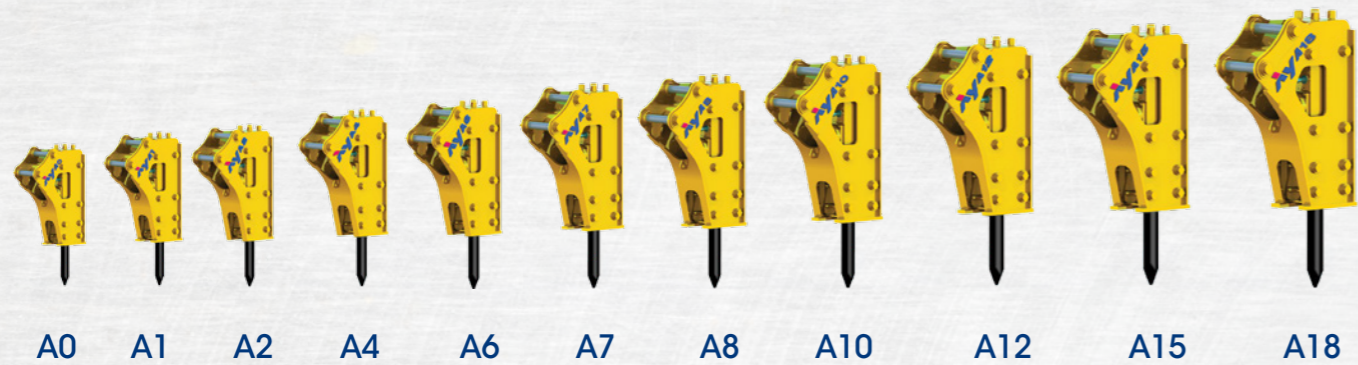


Description	Unit	A20	A22	A24	A30	A36	A43	A55	A70
Operating Weight	Kg	1600	1820	2050	2500	2800	3400	3900	7100
	lb	3528	4013	4519	5511	6172	7495	8599	15653
Operating Pressure	Kg/cm ²	160~190	160~190	160~190	160~190	160~190	160~190	160~190	170~210
	Psi	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,418~2,987
Tool diameter	mm	135	135	145	150	155	165	175	205
	Inch	5.31	5.31	5.70	5.90	6.10	6.49	6.88	8.07
2 nd Relief setting pressure	Kg/cm ²	210	210	210	210	230	230	230	250
	Psi	3,000	3,000	3,000	3,000	3,300	3,000	3,300	3,556
Oil Flow	LPM	120~155	120~165	145~210	175~245	190~250	230~280	240~320	350~420
	GPM	31.6~40.9	31.6~43.5	38.3~55.4	46.2~64.6	50.1~66	60.7~73.9	63.4~84.5	92.4~111
Blow Rate	Bpm Long/s	320~480	340~450	250~380	230~400	230~345	270~400	230~330	280~350
	Bpm Shor/s	400~600	420~550	300~450	270~470	270~410	330~500	270~500	320~500
Accumulat or Gas pressure	Kg/cm ²	55~60	55~60	55~60	55~60	55~60	55~60	55~60	55~60
	Psi	780~850	780~850	780~850	780~850	780~850	780~850	780~850	780~850
Suitable carrier	ton	18~24	20~26	25~36	24~36	28~42	34~50	40~60	60~100

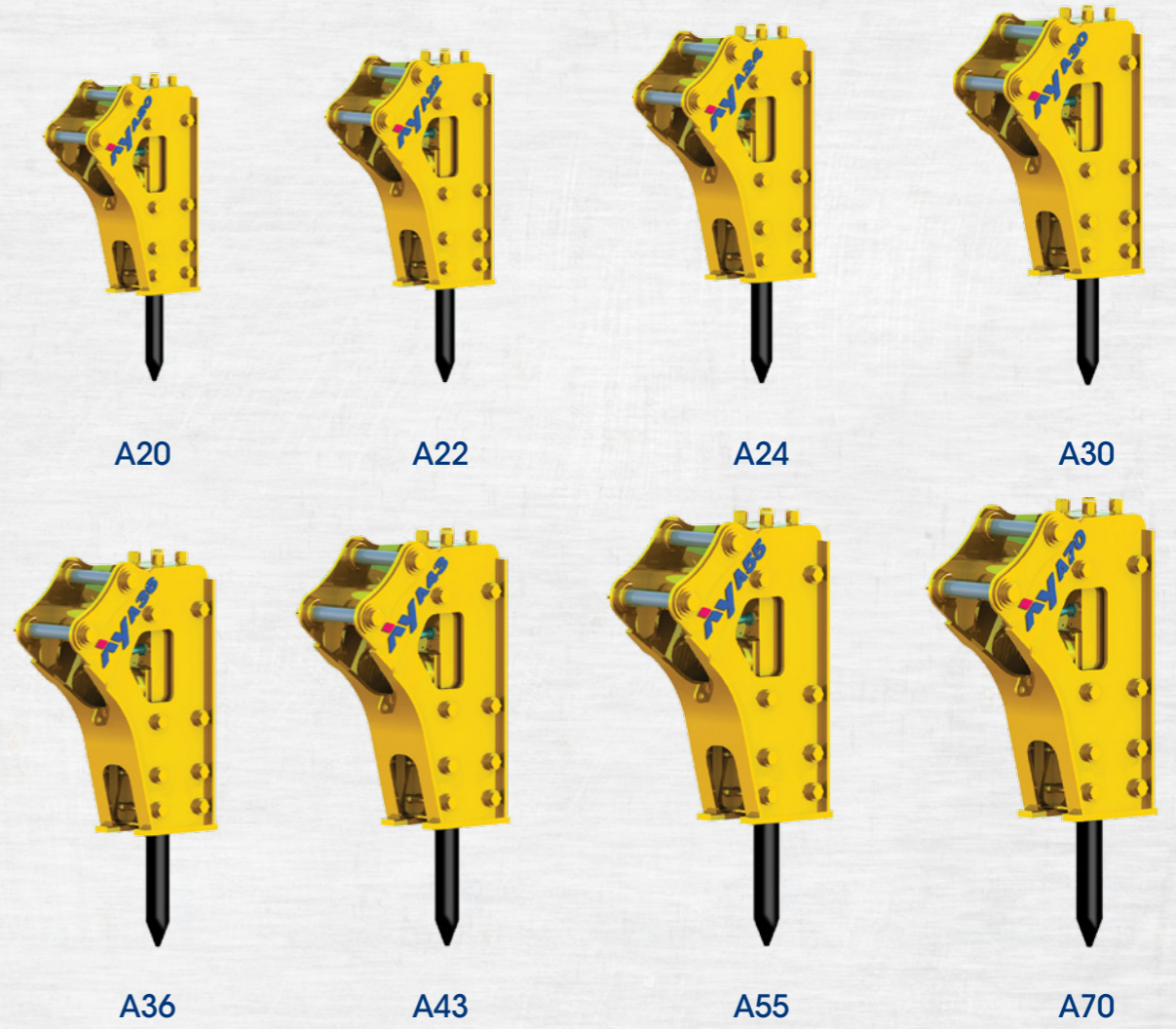


SIDE TYPE

Applicable for the full range of earthmovers.
Easy maintenance.



Description	Unit	A0	A1	A2	A4	A6	A7	A8	A10	A12	A15	A18
Operating Weight	Kg	56	122	190	280	350	510	565	850	920	1170	1460
	lb	123	269	419	618	772	1124	1245	1873	2029	2580	3218
Operating Pressure	Kg/cm ²	60~120	90~120	90~120	110~165	120~165	140~170	140~170	140~180	140~180	160~190	160~190
	Psi	853~1,707	1,280~1,707	1,280~1,707	1,565~2,347	1,707~2,347	1,991~2,418	1,991~2,418	1,991~2,560	1,991~2,560	2,276~2,702	2,276~2,702
Tool diameter	mm	40	45	57	70	75	80	90	95	105	115	125
	Inch	1.57	1.77	2.24	2.75	2.95	3.14	3.54	3.74	4.13	4.52	4.92
2 nd Relief setting pressure	Kg/cm ²	175	175	175	175	175	175	175	210	210	210	210
	Psi	2,489	2,489	2,500	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000
Oil Flow	LPM	17~25	15~30	20~70	30~65	38~80	38~90	42~95	65~115	70~125	90~130	100~135
	GPM	4.49~6.60	3.96~7.92	5.2~10.5	7.9~17.1	10~21.1	10~23.7	11~25	17~30	18.4~33	23.7~34.3	26.4~35.6
Blow Rate	Bpm Long/s	810~1200	540~1000	600~1490	550~1300	380~1100	380~1000	370~900	360~650	350~600	320~550	320~480
	Bpm Shor/s						490~1100	480~1000	600~950	600~900	400~700	400~650
Accumulat or Gas pressure	Kg/cm ²	-	-	-	40~50	40~50	40~50	40~50	55~60	55~60	55~60	55~60
	Psi	-	-	-	570~710	570~710	570~710	570~710	780~850	780~850	780~850	780~850
Suitable carrier	ton	0.5~2.0	0.8~2.5	1.5~4.0	3.0~6.0	4.5~8.0	4.5~8.8	6.0-10	8.0-12.5	10~15	12~18	16~22



Description	Unit	A20	A22	A24	A30	A36	A43	A55	A70
Operating Weight	Kg	1600	1820	2050	2500	2800	3400	3900	7100
	lb	3528	4013	4519	5511	6172	7495	8599	15653
Operating Pressure	Kg/cm ²	160~190	160~190	160~190	160~190	160~190	160~190	160~190	170~210
	Psi	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,276~2,702	2,418~2,987
Tool diameter	mm	135	135	145	150	155	165	175	205
	Inch	5.31	5.31	5.70	5.90	6.10	6.49	6.88	8.07
2 nd Relief setting pressure	Kg/cm ²	210	210	210	210	230	230	230	250
	Psi	3,000	3,000	3,000	3,000	3,300	3,000	3,300	3,556
Oil Flow	LPM	120~155	120~165	145~210	175~245	190~250	230~280	240~320	350~420
	GPM	31.6~40.9	31.6~43.5	38.3~55.4	46.2~64.6	50.1~66	60.7~73.9	63.4~84.5	92.4~111
Blow Rate	Bpm Long/s	320~480	340~450	250~380	230~400	230~345	270~400	230~330	280~350
	Bpm Shor/s	400~600	420~550	300~450	270~470	270~410	330~500	270~500	320~500
Accumulat or Gas pressure	Kg/cm ²	55~60	55~60	55~60	55~60	55~60	55~60	55~60	55~60
	Psi	780~850	780~850	780~850	780~850	780~850	780~850	780~850	780~850
Suitable carrier	ton	18~24	20~26	25~36	24~36	28~42	34~50	40~60	60~100

Certificate



Design Registration
(Piston, Housing)



Patent
(Device for holding the position of pin)



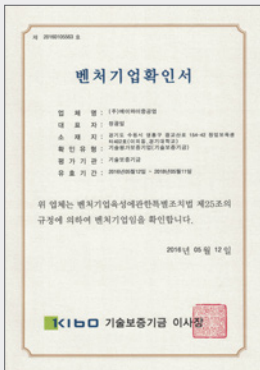
Patent
(Hydraulic breaker)



CE Certificate
(A2 - A20 model)



CE Certificate
(A22 - A70 model)



Venture Company



ISO9001



ISO14001



R&D Center



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