



JSB SIDE TYPE SERIES

SIDE TYPE DESCRIPITON •"D" = Side •"BL" = Backhoe Loader		INWARD TYPE (Hydraulic & High Gas)												
		COMPACT RANGE						MEDIUM RANGE						
		JSB10D	JSB20D	JSB30D	JSB35D	JSB40D	JSB40BL	JSB43D	JSB43BL	JSB45D	JSB45BL	JSB50D	JSB60D	JSB70AD
Selection of Machine	ton	0.8~2.5	1.2~3.0	2.5~4.5	3.0~5.5	4.0~7.0	4.0~7.0	6~9	6~9	7~14	7~14	11~16	15~18	18~21
	lb	1763~5511	2645~6613	5511~9920	6613~12125	9920~15432	9920~15432	13227~19841	13227~19841	15432~30864	15432~30864	24250~35274	33069~39683	39683~46297
Operating Weight (With Mount Cap & Rod)	kg	72	92	120	220	250	270	380	400	510	550	765	1255	1350
	lb	141	186	242	444	505	545	768	808	1030	1111	1545	2535	2727
Weight of Main Body	kg	53	65	86	122	151	151	210	210	280	280	471	652	754
	lb	107	131	174	246	305	305	424	424	566	566	951	1317	1523
Height(Incl. Tool)	mm	947	1000	1170	1238	1347	1347	1518	1518	1737	1737	1994	2007	2200
	inch	37	39	46	49	53	53	60	60	68	68	79	79	87
Required oil / Flow Range	l/min	15~25	20~30	25~50	30~60	40~70	40~70	50~90	50~90	60~100	60~100	80~110	90~120	100~150
	gal/min	4~8	5~10.5	6.5~13	8~16	10.5~18.5	10.5~18.5	13~24	13~24	16~16.5	16~16.5	21~29	24~32	27~40
Operating Pressure	bar	90~120	90~120	90~120	100~130	110~140	110~140	120~150	120~150	130~160	130~160	150~170	150~170	160~180
	psi	1280~1707	1280~1707	1280~1707	1422~1849	1565~1991	1565~1991	1707~2134	1707~2134	1849~2276	1849~2276	2134~2418	2134~2418	2276~2560
Impact Rate	bpm	800~1400	700~1200	600~1100	500~1000	500~900	500~900	400~800	400~800	400~800	400~800	350~700	350~650	350~600
Rod / Chisel	mm	40	45	53	60	68	68	75	75	85	85	100	125	135
	inch	1.57	1.811	2.087	2.362	2.677	2.677	2.953	2.953	3.346	3.346	3.937	4.921	5.315
Hose Diameter	mm	ø 12	ø 12	ø 12	ø 12	ø 12	ø 12	ø 12	ø 12	ø 19	ø 19	ø 19	ø 25	ø 25
	inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	1	1
Impact Energy Class	kg · m	21	30	33	56	70	70	92	92	133	133	214	296	363
	joule	203	290	320	550	690	690	900	900	1300	1300	2100	2900	3550
	ft.lb	150	214	236	406	509	509	664	664	959	959	1549	2139	2622
B/Head Gas pressure	bar(psi)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)	16(232)

※ Specifications and features are subject to change without prior notification to better improvement in quality.

SIDE TYPE DESCRIPITON •"D" = Side •"BL" = Backhoe Loader		INWARD TYPE (Hydraulic & High Gas)					OUTWARD TYPE		
		HEAVY-DUTY RANGE					MEDIUM	HEAVY RANGE	
		JSB81AD	JSB100D	JSB121D	JSB130D	JSB151D	JSB20GD	JSB30GD	JSB40GD
Selection of Machine	ton	18~26	25~30	28~35	30~40	40~55	18~22	27~30	35~45
	lb	39683~57320	55115~66138	61729~77161	66138~88185	88185~121154	39683~48501	59524~66138	77161~99208
Operating Weight (With Mount Cap & Rod)	kg	1770	2114	2440	2501	3788	1800	2530	2900
	lb	3575	4270	4929	5052	7652	3636	5111	5858
Weight of Main Body	kg	911	1072	1283	1443	1924	750	950	1400
	lb	1840	2165	2592	2915	3886	1515	1919	2828
Height(Incl. Tool)	mm	2409	2430	2731	2816	3143	2200	2300	2500
	inch	95	96	108	111	124	87	91	98
Required oil / Flow Range	l/min	120~180	150~210	180~240	200~260	210~290	130~150	150~190	190~250
	gal/min	32~48	40~56	48~63	51~69	55~77	34~40	40~77	77~65
Operating Pressure	bar	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
	psi	2276~2560	2276~2560	2276~2560	2276~2560	2276~2560	2276~2560	2276~2560	2276~2560
Impact Rate	bpm	350~500	300~450	300~450	250~400	200~350	400~800	350~750	250~500
Rod / Chisel	mm	140	150	155	155	175	135	150	160
	inch	5.511	5.905	6.102	6.102	6.889	5.315	5.905	6.299
Hose Diameter	mm	ø 25	ø 25	ø 32	ø 32	ø 32	ø 25	ø 25	ø 32
	inch	1	1	1 1/4	1 1/4	1 1/4	1	1	1 1/4
Impact Energy Class	kg · m	429	531	663	918	1224	366	714	1010
	joule	4200	5200	6500	9000	12000	3588	7000	9900
	ft.lb	3098	3836	4794	6638	8851	2647	5163	7302
B/Head Gas pressure	bar(psi)	16(232)	16(232)	16(232)	16(232)	16(232)	6(87)	6(87)	6(87)

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ARES PRIME ULTIMATE LARGE HAMMERS

ENGINEERED FOR EXCELLENCE

- Ares Hammer is a result of Accumulated Expertise and Experience
- It has High Performance in Extreme Working Site
- We Assure That The ARES will be a Your Valuable Asset

**2017
NEW**



A 460 Prime



A 550 Prime



A 750 Prime



A 1000 Prime



A 460 Prime



A 550 Prime



A 750 Prime



A 1000 Prime



ARES PRIME SERIES

Specification / Model	Unit	A 460 Prime		A 550 Prime		A 750 Prime		A 1000 Prime	
		TOP	BOX	TOP	BOX	TOP	BOX	TOP	BOX
Operating Weight	kg	4,100	3,800	5,500	5,200	6,500	6,200	8,500	8200
	lb	9,038	8,377	12,125	11,464	14,330	13,668	18,739	18,045
Impact Energy	joule	14,500		16,500		18,500		22,000	
	ft.lb	10,695		12,170		13,645		16,226	
Impact Rate	bpm	200 ~ 350		200 ~ 300		200 ~ 250		180 ~ 200	
Operating Pressure	bar	180 ~ 210		180 ~ 210		180 ~ 210		180 ~ 210	
	psi	2,560 ~ 2,986		2,560 ~ 2,986		2,560 ~ 2,986		2,560 ~ 2,986	
Relief Setting Pressure	bar	230 ~ 250		230 ~ 250		230 ~ 250		230 ~ 250	
	psi	3,335 ~ 3,555		3,335 ~ 3,555		3,335 ~ 3,555		3,335 ~ 3,555	
Oil Flow	l/min	190 ~ 230		220 ~ 270		220 ~ 290		290 ~ 350	
	gal/min	50 ~ 61		58 ~ 72		58 ~ 77		77 ~ 93	
Tool Diameter and Length	mm	175 × 1,500		185 × 1,600		195 × 1,700		210 × 1,700	
	inch	6.9 × 59		7.3 × 63		7.7 × 67		83 × 67	
Pressure Line Size (In) (Hose Connection)	mm	32		32		32		32	
	inch	1 1/4		1 1/4		1 1/4		1 1/4	
Pressure Line Size (Out) (Hose Connection)	mm	32		32		32		32	
	inch	1 1/4		1 1/4		1 1/4		1 1/4	
Back Head N2 Pressure	kg/cm ²	15 ~ 17		15 ~ 17		15 ~ 17		15 ~ 17	
Accumulator N2 Pressure	kg/cm ²	55 ~ 60		55 ~ 60		55 ~ 60		55 ~ 60	
Carrier Weight Range (Min ~ Max)	ton	38 ~ 48		46 ~ 65		65 ~ 85		75 ~ 120	
	lb	83,775 ~ 105,821		101,412 ~ 143,300		143,300 ~ 187,392		165,346 ~ 264,554	

1) The working weight includes a standard working tool and top bracket.

2) Check the lifting capacity of the main carrier from the carrier manual and carrier manufacturer.

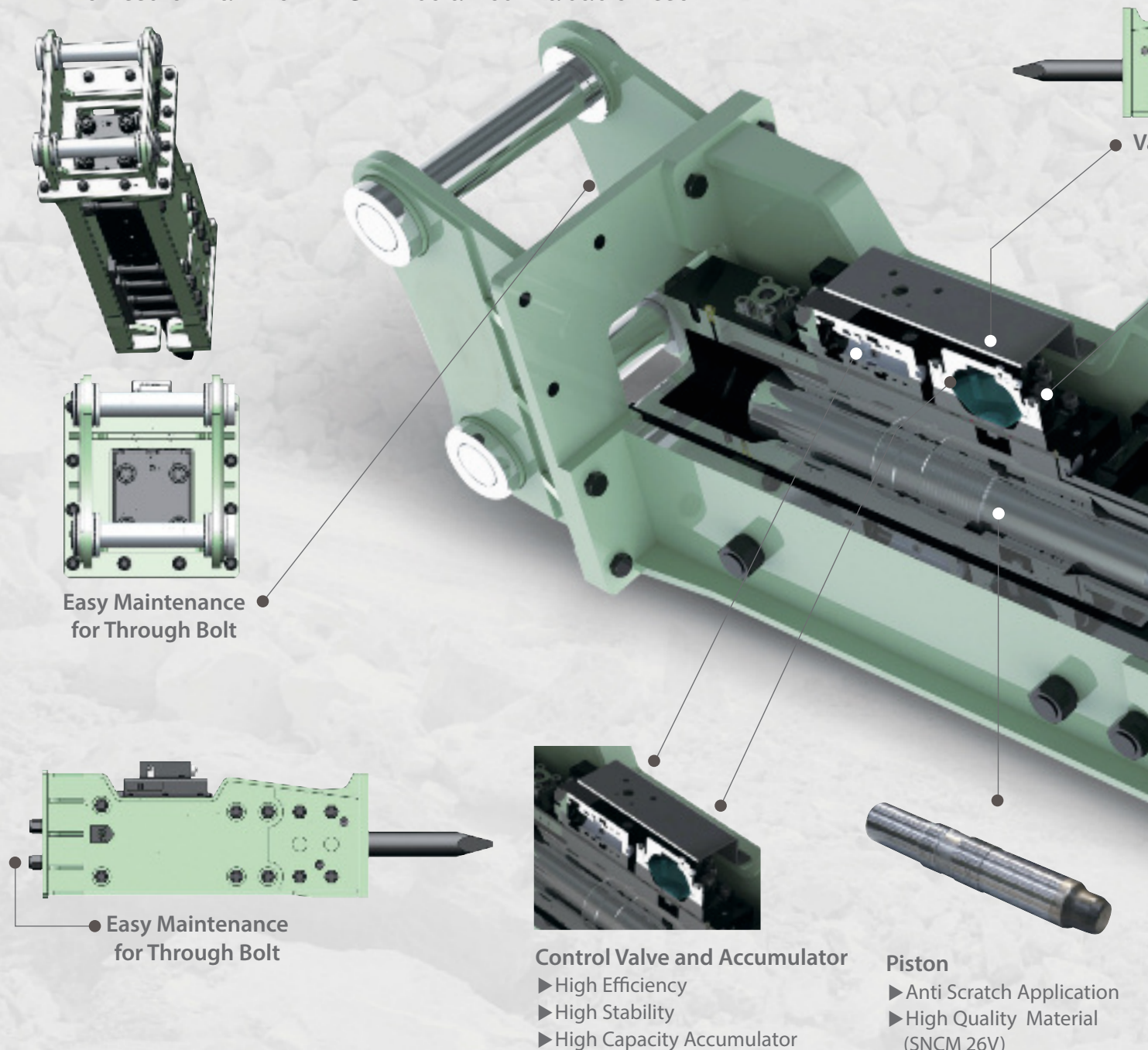
Brand Name	Range (ton)	A 460 PRIME	A 550 PRIME	A 750 PRIME	A 1000 PRIME
 HYUNDAI HEAVY INDUSTRIES CO., LTD.	38~120	R380 / HX380 / R430	R480/ HX480 / R520 / HX520	R800	R1200
 DOOSAN	38~70	DX380 / DX420 / DX480	DX500 / DX520	DX700	
 CATERPILLAR®	36 ~ 90	CAT336 / CAT340	CAT349 / CAT352	CAT374 / CAT375 /CAT385	CAT390
 KOMATSU	40~1,25	PC400 / PC450	PC600	PC700 / PC800	PC 1250
 HITACHI	40~1,200	ZX400 / ZX 470	ZX670	ZX870	EX1200
 KOBELCO	35~85	SK350 / SK380	SK460 / SK480 / SK500	SK500	SK850LC-9
 VOLVO	35~95	EC350 / EC380	EC460 / EC480	EC750	EC950
 JCB	37~46	JS370	JS460		
 CASE CONSTRUCTION	37~800	CX370 / CX470	CX700	CX800	CX800
 LIEBHERR	36~98	R936 / R944 / R946 / R950	R954 / R956	R960 / R 966 / R970	R970 / R974 / R976 / R980
 JOHN DEERE	38~86	380G LC	470G LC	670G LC	870G LC

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UNIQUE POINTS IN EXCELLENCE

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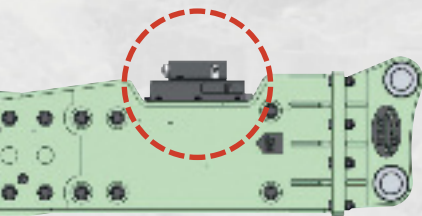


CORE DATA / OPEN TYPE

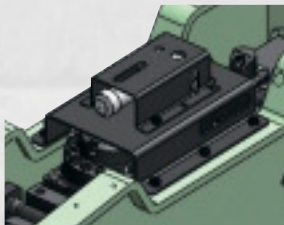
Model	A 460 Prime (38ton~48ton)		A 550 Prime (46ton~65ton)	
Operating Weight	4,100kg	9,038 (lb)	5,500kg	12,125 (lb)
Impact Energy Class	14,500 joule	10,695 (ft • lb)	16,500 joule	12,170 (ft • lb)



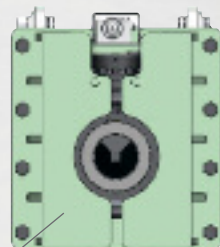
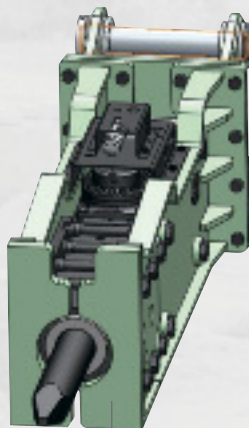
ARES PRIME SERIES



Valve & Acc Easy Maintenance
(Enough Working Space)



● Auto Greasing System
(Basic Option)



● Hardox
● Application
(HARDOX 400)



● Chisel
▶ High Quality Material(AE4140M2)
▶ Optimized Heat Treatment Technology
▶ Replacement Cycle



Front Cover & Ring Bush & Tool Pin
▶ Quick Replacement
▶ Long Life Time
▶ High Quality Material
(SNCM 439)

CORE DATA / OPEN TYPE

Model	A 750 Prime (65ton~85ton)		A 1000 Prime (75ton~120ton)	
Operating Weight	6,500kg	14,330 (lb)	8,500kg	18,379 (lb)
Impact Energy Class	18,500 joule	13,645 (ft•lb)	22,000 joule	16,226 (ft•lb)