



JSC CO., LTD
The Best or Nothing

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ATTACHMENT

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JSC BREAKER & ATTACHMENT

Global Frontier JSC

Established in 2004, Jisung Heavy Industries based in Korea started the business and we, JSC Co., Ltd has been spun off from Jisung Heavy Industries in 2016 as an organization dedicated to overseas sales and it is now operating independently.

JSC has extensive overseas sales experiences

More than 30 countries such as USA, Mexico, Netherlands, Russia, Indonesia and Vietnam etc. especially for Hydraulic breaker products around the globe.

JSC has now covered hydraulic breakers from compact class to heavy-duty class based upon the selection and type of the machine and other attachments mounted on the excavators.

JSC has launched new large hammer "ARES" series for box and top type in 2017 and it has high performance in extreme working site such as quarrying and tunnel excavation, trenching, mining etc. The large hammer "ARES" series had been proved in Korea and China and wants to expand its business horizon to other markets including USA, Canada, European countries and other Asian countries.

JSC is currently developing innovated technology for excellent performance with low noise and vibration levels in small size hammers and it is expected to be introduced in the overseas markets in the near future.





CEO'S MESSAGE

At JSC, we pride ourselves in the equipment we manufacture and distribute

JSC has led the way providing equipment and services for construction, aggregate and mining industries for over dedicate. Technology plays a critical role in the company's continued success.

At JSC, we believe our product is the industry standard without exception

Meticulous care has been taken to ensure that this product will meet rigorous product requirements. Using up-to-date 3D CAD modelling software, complemented with finite element analysis, you can be satisfied that our product will meet and exceed your requirements.

JSC has successfully registered our facilities as ISO 9001 compliant and to ISO 14001, which is an internationally recognized environmental management system. As always, JSC is committed to continuous improvements translated into positive action.

We feel fortunate to say that our team consists of longterm, dedicated employees. They are able to respond quickly from our strategically located sales and service locations to any questions you may have. Thank you.

President **RICHARD PARK**

JSB HYDRAULIC SYSTEM

HYDRAULIC BREAKER SYSTEM & FEATURES



High Impact Energy

A combination of 70% nitrogen gas and 30% hydraulic energy provides powerful impact for high-performance activity.



Simple Design & Longer Life

With only 2 moving parts such as valve and piston, our breakers are designed for maximum uptime and reliability and reduced operating expenses.



Fewer Moving Parts

Up to 30% fewer parts than the competition for reduced operating expense and less maintenance.



ABF(Anti Blank Fire) System

(Optional)

We provide ABF systems upon customer's request. It helps to avoid damage on the machine.



Enlarged the Diameter of Through Blot Improved its Durability



Automatic Hydraulic Greasing Device

(Optional, Mounted on the Breaker)

INWARD SYSTEM

Application Machines

JSB SERIES : JSB10,20,30,35,40,43,45,50
JSB60,70A,81A,100,121,130,151

- Easy maintenance due to simplification of parts
- Superior destruction power by high density of accumulated gas
- Wide ranged application

OUTWARD SYSTEM

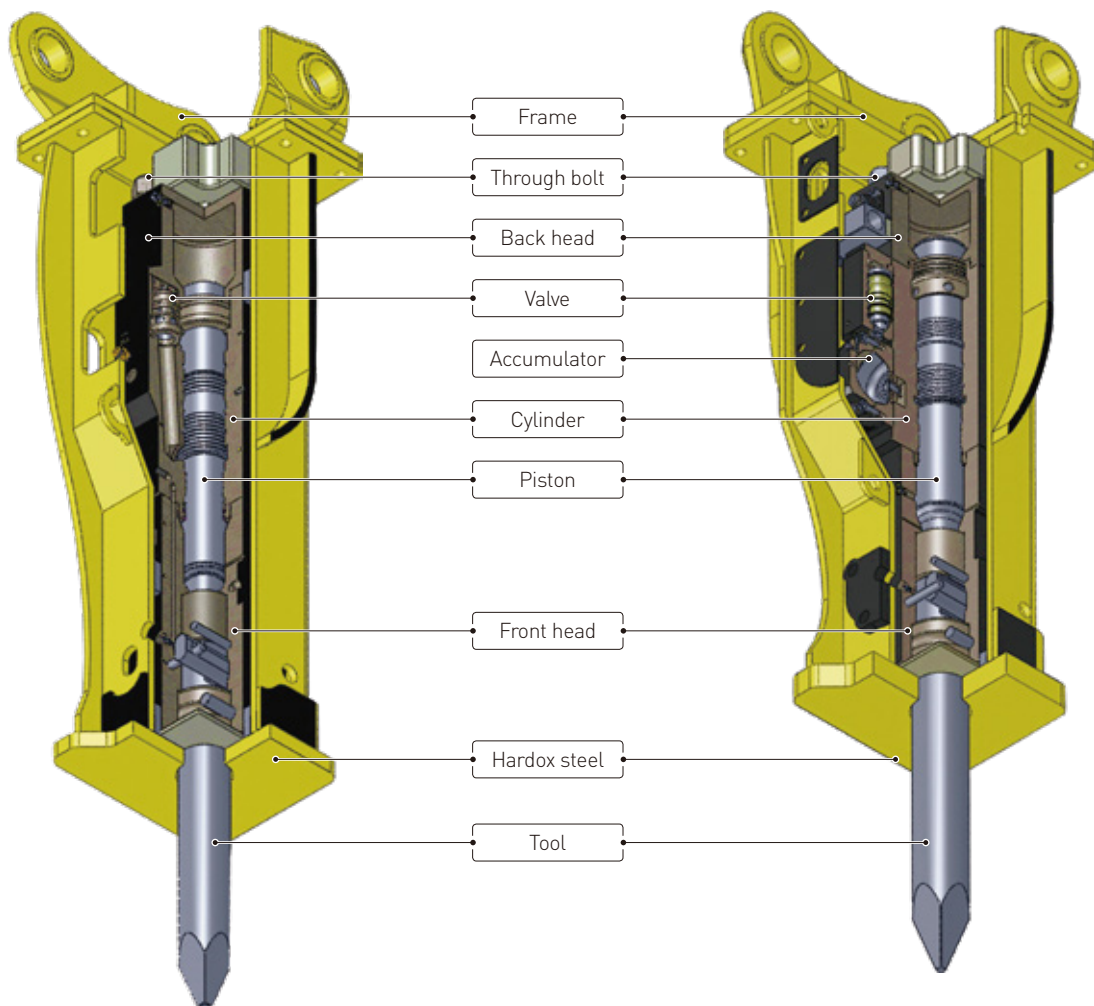
Application Machines

JSB SERIES : JSB20G, 30G, 40G
JSB20G-2, 30G-2, 40G-2
ARES SERIES : A200, A300, A400, A460,
A550, A750, A1000

- Faster checking and easier maintenance by exterior installed valve
- No compulsion to breaker and excavator low pressure gas application
- Stable system and parts interchangeable with other brands

Inward Valve Type

Outward Valve Type



Through bolt	Longer service life by applied heat treatment
Back head	Impact energy is accumulated due to charged nitrogen gas in the block
Valve	As a valve system, easier and quicker repair and/or replacement
Accumulator	As a damper for surged high pressure, it's for protecting pump output of base machine
Cylinder	Easy and lowest maintenance cost due to minimized parts
Piston	Longer service life by optimized design and high quality special steel
Front head	The front cover can be replaced easily
Tool	The working tool guarantees excellent performance and economical efficiency

JSB SERIES

BOX TYPE (S)



JSB 30SSL / JSB 35SSL / JSB 40SSL



JSB 10S / JSB 20S / JSB 30S / JSB 35S



JSB 43S / JSB 45S / JSB 50S



SILENCE TYPE DESCRIPTION		INWARD TYPE (Hydraulic & High Gas)										
		COMPACT RANGE					MEDIUM RANGE					
		JSB10S	JSB20S	JSB30S	JSB30SSL	JSB35S	JSB40S	JSB43S	JSB45S	JSB50S	JSB60S	JSB70AS
Selection of Machine	ton	0.8~2.5	1.2~3.0	2.5~4.5	2.5~4.5	3.0~5.5	4.0~7.0	6~9	7~14	11~16	15~18	18~21
	lb	1,763~5,511	2,645~6,613	5,511~9,920	5,511~9,920	6,613~12,125	9,920~15,432	13,227~19,841	15,432~30,864	24,250~35,274	33,069~39,683	39,683~46,297
Operating Weight (With Mount Cap & Rod)	kg	102	126	152	180	224	295	375	571	861	1,296	1,500
	lb	225	278	335	397	494	650	827	1	1,898	2,857	3,306
Weight of Main Body	kg	53	65	86	86	122	151	210	280	471	652	754
	lb	107	131	174	174	246	305	424	566	951	1,317	1,523
Height (Incl. Tool)	mm	1,135	1,262	1,342	1,300	1,472	1,600	1,860	2,101	2,326	2,604	2,691
	inch	45	50	53	52	58	63	73	83	92	103	1,106
Required Oil / Flow Range	l/min	15~25	20~30	25~50	25~50	30~60	40~70	40~90	60~100	80~110	90~120	100~150
	gal/min	4~8	5~10.5	6.5~13	6.5~13	8~16	10.5~18.5	13~24	16~16.5	21~29	24~32	27~40
Operating Pressure	bar	90~120	90~120	90~120	90~120	100~130	110~140	120~150	130~160	150~170	150~170	160~180
	psi	1,280~1,707	1,280~1,707	1,280~1,707	1,280~1,707	1,422~1,849	1,565~1,991	1,707~2,134	1,849~2,276	2,134~2,418	2,134~2,418	2,276~2,560
Impact Rate	bpm	800~1,400	700~1,200	600~1,100	600~1,100	500~1,000	500~900	400~800	400~800	350~700	350~650	350~600
Rod / Chisel	mm	40	45	53	53	60	68	75	85	100	125	135
	inch	1.570	1.811	2.087	2.087	2.362	2.677	2.953	3.346	3.397	4.921	5.315
Hose Diameter	mm	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø19	Ø19	Ø25	Ø25
	inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1
Impact Energy Class	kg-m	21	30	33	33	56	70	92	133	214	296	363
	Joule	203	290	320	320	550	690	900	1	2,100	2,900	3,550
	ft.lb	150	214	236	236	406	509	664	959	1,549	2,139	2,622
B/Head Gas Pressure	bar[psil]	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.



JSB 70AS / JSB 81AS

JSB 100S

JSB 121S

JSB 130S

JSB 151S

SILENCE TYPE DESCRIPTION		INWARD TYPE (Hydraulic & High Gas)					OUTWARD TYPE		
		HEAVY-DUTY RANGE					MEDIUM RANGE	HEAVY RANGE	
		JSB81AS	JSB100S	JSB121S	JSB130S	JSB151S	JSB20GSIIS	JSB30GSIIS	JSB40GSIIS
Selection of Machine	ton	18~26	25~30	28~35	30~40	40~55	18~22	27~30	35~45
	lb	39,683~57,320	55,115~66,138	61,729~77,161	66,138~88,185	88,185~121,154	39,683~48,501	59,524~66,138	77,161~99,208
Operating Weight (With Mount Cap & Rod)	kg	1,825	2,071	2,635	2,850	3,990	1,840	2,540	3,110
	lb	4,023	4,565	5,809	6,283	8,796	4,056	5,600	6,834
Weight of Main Body	kg	911	1,072	1,283	1,443	1,924	750	950	1,400
	lb	1,840	2,165	2,592	2,915	3,886	1,515	1,919	2,828
Height (Incl. Tool)	mm	2,828	3,055	3,255	3,395	3,709	2,327	2,500	2,950
	inch	111	120	128	134	146	93	100	118
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	65~77
Operating Pressure	bar	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
	psi	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560
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	32
Hose Diameter	mm	Ø25	Ø25	Ø32	Ø32	Ø32	Ø25	Ø25	Ø32
	inch	1	1	1 1/4	1 1/4	1 1/4	1	1	1 1/4
Impact Energy Class	kg-m	429	531	531	918	1,224	366	714	1,010
	Joule	4,200	5,200	6,500	9,000	12,000	3,588	74,000	9,900
	ft.lb	3,098	3,836	4,794	6,638	8,851	2,647	5,163	7,302
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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JSB SERIES

TOP TYPE (T)



JSB 30TSL / JSB 35TSL /
JSB 40TSL



JSB 10T / JSB 20T /
JSB 30T / JSB 35T / JSB 40T



JSB 45T



JSB 50T



JSB 60T

TOP TYPE DESCRIPITON		INWARD TYPE (Hydraulic & High Gas)										
		COMPACT RANGE					MEDIUM RANGE					
		JSB10T	JSB20T	JSB30T	JSB30TSL	JSB35T	JSB40T	JSB43T	JSB45T	JSB50T	JSB60T	JSB70AT
Selection of Machine	ton	0.8~2.5	1.2~3.0	2.5~4.5	2.5~4.5	3.0~5.5	4.0~7.0	6~9	7~14	11~16	15~18	18~21
	lb	1,763~5,511	2,645~6,613	5,511~9,920	5,511~9,920	6,613~12,125	9,920~15,432	13,227~19,841	15,432~30,864	24,250~35,274	33,069~39,683	39,683~46,297
Operating Weight (With Mount Cap & Rod)	kg	72	92	150	180	250	275	295	500	795	1,250	1,450
	lb	158	202	330	396	550	605	649	1,100	1,749	2,750	3,190
Weight of Main Body	kg	53	65	86	86	122	151	210	280	471	652	754
	lb	107	131	174	174	246	305	424	566	951	1,317	1,523
Height (Incl. Tool)	mm	1,135	1,262	1,342	1,300	1,472	1,600	1,860	2,101	2,326	2,604	2,691
	inch	45	50	53	52	58	63	73	83	92	103	105
Required Oil / Flow Range	l/min	15~25	20~30	25~50	25~50	30~60	40~70	50~90	60~100	80~110	90~120	100~150
	gal/min	4~8	5~10.5	6.5~13	6.5~13	8~16	10.5~18.5	13~24	16~16.5	21~29	24~32	27~40
Operating Pressure	bar	90~120	90~120	90~120	90~120	100~130	110~140	120~150	130~160	150~170	150~170	160~180
	psi	1,280~1,707	1,280~1,707	1,280~1,707	1,280~1,707	1,422~1,849	1,565~1,991	1,707~2,134	1,849~2,276	2,134~2,418	2,134~2,418	2,276~2,560
Impact Rate	bpm	800~1,400	700~1,200	600~1,100	600~1,100	500~1,000	500~900	400~800	400~800	350~700	350~650	350~600
Rod / Chisel	mm	40	45	53	53	60	68	75	85	100	125	135
	inch	1.57	1.811	2.087	2.087	2.362	2.677	2.953	3.346	3.937	4.921	5.315
Hose Diameter	mm	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø19	Ø19	Ø25	Ø25
	inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1
Impact Energy Class	kg·m	21	30	33	33	56	70	92	133	214	296	363
	Joule	203	290	320	320	550	690	900	1,300	2,100	2,900	3,550
	ft·lb	150	214	236	236	406	509	664	959	1,549	2,139	2,622
B/Head Gas Pressure	bar[psl]	16[232]	16[232]	16[232]	16[232]	16[232]	16[232]	16[232]	16[232]	16[232]	16[232]	16[232]

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JSB 70AT / JSB 81AT

JSB 100T

JSB 121T / JSB 130T

JSB 151T

JSB 20GT / JSB 30GT /
JSB 40GT

TOP TYPE DESCRIPTION		INWARD TYPE (Hydraulic & High Gas)					OUTWARD TYPE		
		HEAVY-DUTY RANGE					MEDIUM RANGE	HEAVY RANGE	
		JSB81AT	JSB100T	JSB121T	JSB130T	JSB151T	JSB20GIIT	JSB30GIIT	JSB40GIIT
Selection of Machine	ton	18~26	20~53	28~35	30~40	40~55	18~22	27~30	35~45
	lb	39,683~57,320	55,115~66,138	61,729~77,161	66,138~88,185	88,185~121,154	39,683~48,501	59,524~66,138	77,161~99,208
Operating Weight (With Mount Cap & Rod)	kg	1,780	2,100	2,700	2,995	4,100	1,740	2,420	3,020
	lb	3,916	4,620	5,940	6,589	9,020	3,828	5,324	6,644
Weight of Main Body	kg	911	1,072	1,283	1,443	1,924	750	950	1,400
	lb	1,840	2,165	2,592	2,915	3,886	1,515	1,919	2,828
Height (Incl. Tool)	mm	2,828	3,055	3,255	3,395	3,709	2,327	2,500	2,950
	inch	111	120	128	134	146	93	100	118
Required Oil / Flow Range	l/min	120~180	150~210	180~240	200~260	210~290	130~150	150~180	190~250
	gal/min	32~48	40~56	48~63	51~69	55~77	34~40	40~77	65~77
Operating Pressure	bar	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
	psi	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560
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	Ø25	Ø25	Ø32	Ø32	Ø32	Ø25	Ø25	Ø32
	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	1,224	366	714	1,010
	Joule	4,200	5,200	6,500	9,000	12,000	3,588	7,000	9,900
	ft.lb	3,098	3,836	4,794	6,638	8,851	2,647	5,163	7,302
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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JSB SERIES

SIDE TYPE (D)



JSB 40BL / JSB 43BL
/ JSB 45BL



JSB 30D



JSB 40D



JSB 43D



JSB 45D



JSB 50D / JSB 60D

SIDE TYPE DESCRIPITON		INWARD TYPE (Hydraulic & High Gas)												
		COMPACT RANGE						COMPACT RANGE						
		JSB10D	JSB20D	JSB30D	JSB35D	JSB40D	JSB40BL	JSB43D	JSB43BL	JSB45D	JSB45BL	JSB50D	JSB60D	JSB70D
*D : Side, *BL : Backhoe Loader														
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	1,763-5,511	2,645-6,613	5,511-9,920	6,613-12,125	9,920-15,432	9,920-15,432	13,227-19,841	13,227-19,841	15,432-30,864	15,432-30,864	24,250-35,274	33,069-39,683	39,683-46,297
Operating Weight (With Mount Cap & Rod)	kg	72	92	120	220	250	270	380	400	510	550	765	1,255	1,350
	lb	141	186	242	444	505	545	768	808	1,030	1,111	1,545	2,535	2,727
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	1,317	1,523
Height (Incl. Tool)	mm	947	1,000	1,170	1,238	1,347	1,347	1,518	1,518	1,737	1,737	1,994	2,007	2,200
	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	1,280-1,707	1,280-1,707	1,280-1,707	1,422-1,849	1,565-1,991	1,565-1,991	1,707-2,134	1,707-2,134	1,849-2,276	1,849-2,276	2,134-2,418	2,134-2,418	2,276-2,560
Impact Rate	bpm	800-1,400	700-1,200	600-1,100	500-1,000	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	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø19	Ø19	Ø19	Ø25	Ø25
	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	1,300	1,300	2,100	2,900	3,550
	ft.lb	150	214	236	406	509	509	664	664	959	959	1,549	2,139	2,622
B/Head Gas Pressure	bar[psl]	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]

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JSB 81AD

JSB 100D

JSB 130D

JSB 151D

SIDE TYPE DESCRIPITON		INWARD TYPE (Hydraulic & High Gas)					OUTWARD TYPE		
		HEAVY-DUTY RANGE					MEDIUM RANGE	HEAVY RANGE	
		JSB81AD	JSB100D	JSB121D	JSB130D	JSB151D	JSB20GiID	JSB30GiID	JSB40GiID
Selection of Machine	ton	18~26	25~30	28~35	30~40	40~55	18~22	27~30	35~45
	lb	39,683~57,320	55,115~66,138	61,729~77,161	66,138~88,185	88,185~121,154	39,683~48,501	59,524~66,138	77,161~99,208
Operating Weight (With Mount Cap & Rod)	kg	1,770	2,114	2,440	2,501	3,788	1,800	2,530	2,900
	lb	3,575	4,270	4,929	5,052	7,652	3,636	5,111	5,858
Weight of Main Body	kg	911	1,072	1,283	1,443	1,924	750	950	1,400
	lb	1,840	2,165	2,592	2,915	3,886	1,515	1,919	2,828
Height (Incl. Tool)	mm	2,409	2,430	2,731	2,816	3,143	2,200	2,300	2,500
	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	65~77
Operating Pressure	bar	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
	psi	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560
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	Ø25	Ø25	Ø32	Ø32	Ø32	Ø25	Ø25	Ø32
	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	1,224	366	714	1,010
	Joule	4,200	5,200	6,500	9,000	12,000	3,588	7,000	9,900
	ft.lb	3,098	3,836	4,794	6,638	8,851	2,647	5,163	7,302
B/Head Gas Pressure	bar[psi]	16(323)	16(232)	16(232)	16(232)	16(232)	6(87)	6(87)	6(87)

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ARES SERIES

S,D,T,SB TYPE

Suitable for Extreme Working Sites

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



A 460 Prime



A 550 Prime



A 750 Prime



A 1000 Prime

SPECIFICATION/MODEL	UNIT	A460Prime				A550Prime				A750Prime				A1000Prime			
		SIDE	TOP	SILENCE	SILENCESIDE	SIDE	TOP	SILENCE	SILENCESIDE	SIDE	TOP	SILENCE	SILENCESIDE	SIDE	TOP	SILENCE	SILENCESIDE
Operating Weight	kg	3540	4100	3800	3800	4740	5500	5200	5200	5500	6500	6200	6000	7500	8500	8200	8500
	lb	7804	9038	8377	8377	10449	12125	11464	11464	12125	14330	13668	13227	16534	18739	18007	18739
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 x 1,500				185 x 1,600				195 x 1,700				210 x 1,700			
	inch	6.9 x 59				7.3 x 63				7.7 x 67				83 x 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/cm2	15-17				15-17				15-17				15-17			
Accumulator N2 Pressure	kg/cm2	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.



A 460 Prime



A 550 Prime



A 750 Prime



A 1000 Prime

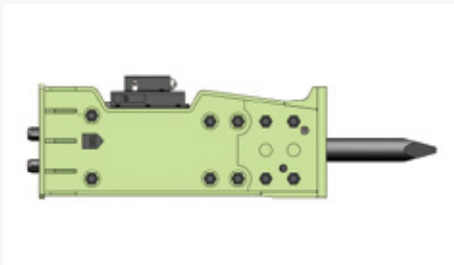
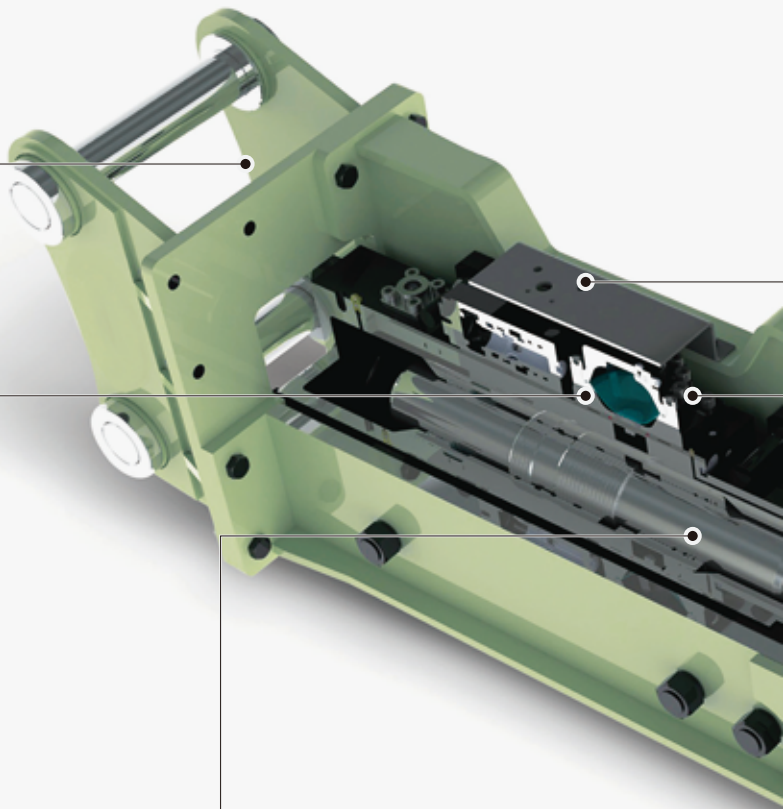
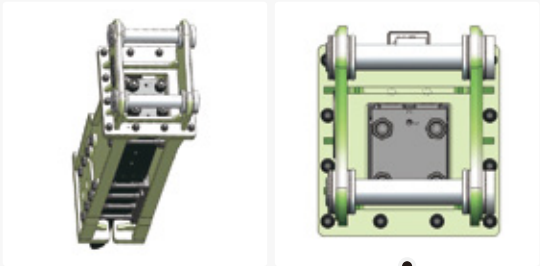
BRAND NAME	RANGE(ton)	A460PRIME	A550PRIME	A750PRIME	A1000PRIME
HYUNDAI	38-120	R380 HX380 R430	R480 HX480 R520 HX520	R800	R1200
DOOSAN	38-70	DX380 DX420 DX480	DX500 DX520	DX700	
CATERPILLAR	36-90	CAT336 CAT340	CAT349 CAT352	CAT374 CAT375 AT385	CAT390
KOMATSU	40-125	PC400 PC450	PC600	PC700 PC800	PC 1250
HITACHI	40-1,200	ZX400 ZX470	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	37-800	CX370 CX470	CX700	CX800	CX800
LIEBHERR	36-98	R936 R944 R946 R950	R954 R956	R960 R966 R970	R970 R974 R976 R980
JOHN DEERE	38-86	380G LC	470G LC	670G LC	870G LC

UNIQUE POINTS IN EXCELLENCE

ARES Features

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

Easy Maintenance for Through Bolt



Easy Maintenance for Through Bolt



Control Valve and Accumulator

- High Efficiency
- High stability
- High Capacity Accumulator



Piston

- Anti scratch Application
- High Quality Material (SNCM 26V)

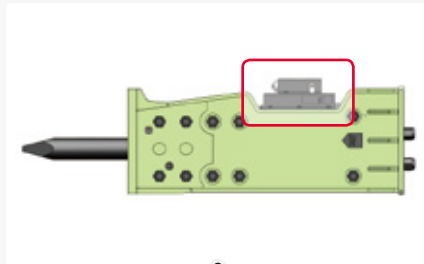
Core Data / Open Type

MODEL	A 460 Prime (38ton~48ton)		A 550 Prime (46ton~65ton)		A 750 Prime (65ton~85ton)		A 1000 Prime (75ton~120ton)	
Operating Weight	4,100kg	9,038 (lb)	5,500kg	12,125 (lb)	6,500kg	14,330 (lb)	8,500kg	18,379 (lb)
Impact Energy Class	14,500 joule	10,695 (ft-lb)	16,500 joule	12,170 (ft-lb)	18,500 joule	13,645 (ft-lb)	22,000 joule	16,226 (ft-lb)

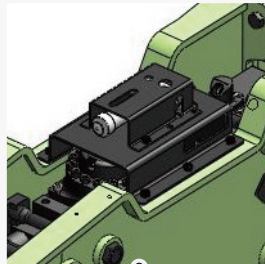
Field Gallery



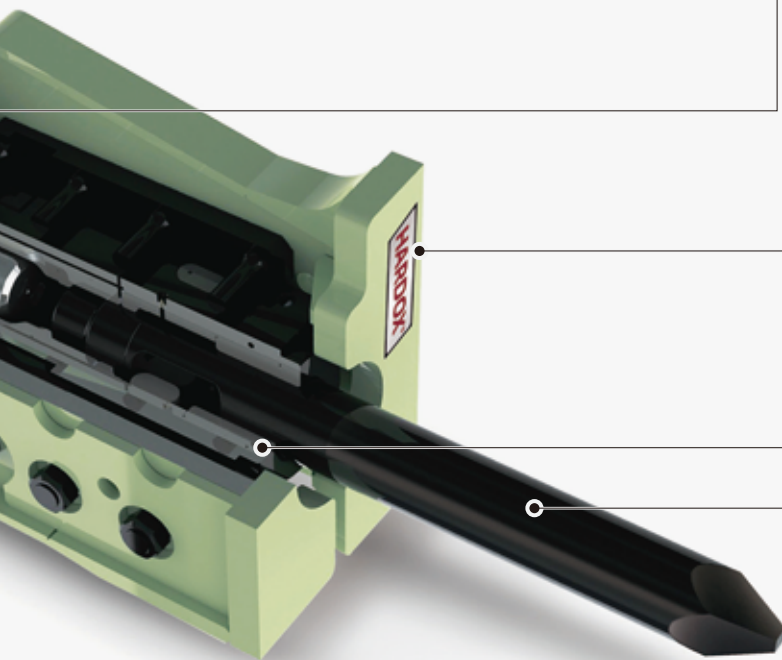
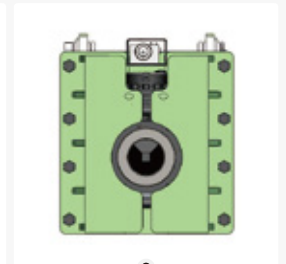
Easy Maintenance for Valve & Accumulator
(Enough Working Space)



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 (SNM 439)

APPLICABLE MACHINE

JSC HYDRAULIC BREAKER

JSB	DOOSAN	HYUNDAI	VOLVO/SAMSUNG	BOBCAT	CASE	HITACHI
JSB 10 (0.8-2.5ton)	SOLAR007, SOLAR0010	ROBEX15, ROBEX28		418, 324	CK808, 1818UNILD, CK1.3, 1825UNILD	EX8, EU10, EX12, EX15
JSB 20 (1.2-3ton)	SOLAR007, SOLAR0010	ROBEX35	EC14, EC15B, EC20B	325, 425	CK1.3, CK15, CK161, 825, 835B, 1818, 1830	EX8, UE10, EX12, UE12, UE15, EX17, EX18, UE20, EC22
JSB 30 (1.2-3ton) JSB 35 (2.5-4.5ton)	DH30, SOLAR30, SOLAR035, DSL602	HX15SR	EC30, EC25, EC35, ZL302C	E32, E35, S630, T630, S650	CK23, CK28, CK31, 40XT, 60XT, 1830	EX25, EX27, EX30, UE30, EX33, EX34
JSB 40 (4-7ton)	DSL702, DSL802, DH50, SOLAR50, SOLAR55/55V	ROBEX450, ROBEX500, ROBEX500W	EC45, EW50, EC55	E42, E45, S850, T870	845, 1845, CX35, 70XT, 75XT, 85XT	EX40, UE40, UE40U, EX45, EX50, UE50(E)
JSB 43 (7-10.6ton)	SOLAR70, DSL902	ROBEX95W	EC70, EW70, L20B/ L25B, L30B/L35B, L40B/ L45B	E60	90XT, 95XT, CX50, 550, 580, 590, 680CK, CK62	EX58, EX60, UH02
JSB 45 (7-10.6ton)	SOLAR80, DH80W	ROBEX110-VII	BL74, L50D, 612, 616B	E80	WX90, 695, CX75, 621D	UH04, UH043, EX80, EX90, ZAXIS80
JSB 50 (11-16ton)	DH130, SOLAR130	HX60W, ROBEX130W, ROBEX140LC	EC130, EW130, SE130, SE130W, EW140, 646, L60E, L70E		WX120, CX130, CX135, 588P, 788F, 880, 888, 9010, 9020	EX100, EX110, EW120, EX130, EX135, UH051, UH053, UH061, UH063, ZAXIS120
JSB 60 (15-18ton)	SOLAR170, DH170	ROBEX170W, ROBEX180LC	EC140B, EC150, EW150, EW160		WX150, CX160, 788RR, 1085	
JSB 70A (18-21ton) JSB 20G (20-22ton) JSB 81A (18-21ton) JSB 20N (18-21ton)	DH200, SOLAR200, DH220, SOLAR220	HX80, ROBEX200W, ROBEX200LC, ROBEX220LC, ROBEX250LC	EC200, EC210, EC230, EC240, SE210, EW230		CX180, CX210, CX225, CX240, WX170, WX188FG, 9030, 9040, 1080, 1088, 125B	EX200, EX210 EW220, EX230, H801/803, UH09(E), UH073, UH103, ZAXIS200/230
JSB 100 (25-30ton) JSB 30G (27-30ton) JSB 121 (28-35ton) JSB 30N (28-35ton)	DH280, DH320, SOLAR280, SOLAR290, SOLAR320, SOLAR330	HX100, ROBEX280LC, ROBEX290LC, ROBEX300LC, ROBEX320LC, ROBEX330LC, ROBEX360LC	EC280, EC290, EC300, SE280, SE350		9045B, CX240 CX290, CS1288, 6050, 9050B, CX330, CX1188FG	EX270, EX280, UH121, UH123, UH143, EX300, EX350, ZAXIS270, ZAXIS330
JSB 130 (30-45ton) JSB 40G (35-40ton) JSB 40N (35-40ton)	SOLAR360, SOLAR400, SOLAR450, SOLAR470, DH450	ROBEX360LC, ROBEX420LC, ROBEX450LC	EC340, EC360, EC390, EC420, EC450, EC460		CX350, CX240, CX1288FG, 170C, 2200B, 9060	EX370, EX400, EX450, UH171, UH181
JSB 151 (40-55ton)		ROBEX500LC	EC620, EC650			UH120, UH120, EX550, EX600, EX700

CAT	JCB	KOBELCO	KOMATSU	LIEBHERR	SANY	NEW HOLLAND
	801	SK007-2, SK013	PC05-1/5, PC05-6			17D
301-5, 301-6, 301-8	801, 301-5, 8016	SK007, SK09, SK013, SK13	PC05, PC07-2		SY75C	17D
302-5, 303-5, 216, 226, 228	1CX, ROBOT150, 160, ROBOT165, 170, ROBOT185	SK015, SK15, SK16, SK25	PC10, PC12, PC15, PC20, PC27		SY75C	27D, 35D
303CR, 304-5, 232, 236, 242, 248, 262	ROBOT190	SK025, SK030, SK035, SK30, SK35	PC30, PW30, PE35		SY75C	50D
416, 420, 426, 428, 430, 438, E70B, 5080, 252, 262, 304CR, 305CR, 307	2CX, 3C/CX/D, ZL 70, ROBOT1105/1110, 407/408/490/410ZX	SK045, SK050, SK45, SK60, SK70, SK80, SK600, SK903	PC40, PC45, PCPC50, PC60, PC75, PE75, PC80, PC90	L506/507/508/509/512/514	SY135C	75D
446B1, 307, 308, 931	4CX, 416HT	SK600MX III, K904, 80CS, SK100	PW95	A308	SY135C	85D
E110B, 205, 206, 311, 312, 314, 515, 206BFT, 212BFT	JS130, JS145, 805, 806, 811, 812, 814, 5C/W	SK115, SK120, SK135, SK150, K120, K150, K904, K905	PC100, PW110, PC120, PC128, PC130, PW130	A900, R900, A/R901, R308, A310, A312, A314	SY200C	120D, 135D
214B, E120B, 315, 525B, 535B	JS150, JS160, JS175	SK135, SK160, K150	PC150, PW150, PW170	A/R900, A/R902, R310, R312, A316	SY200C	160D LC, 190D W
215, 219, 224, 225, 318, 320, 321, 322, E/EL180, E/EL220, E/EL240, 517, 527, 545	JS180, JS200, JS210, JS220, JS240, 7B/C, 8C/D	SK270LC, SK290, SK300, SK320, SK300, K912	PC180, PC200, PC210, PC220, PC228, PC230, PC240	A/R904, A/R912, A/R914, A/R921, A/R922, A/R924, A/R932, R941	SY200C, SY205C, SY310C, SY330C	200D, 220D LC, 220D W, 240D LC
229, 325, E/EL300, 229D, 231, 330	JS330	SK270LC, SK290, SK300, SK320, SK300, K912	PC250, PC280, PC300, PC350	A/R942LIT, A/R934, R924, R932LIT	SY360C	270D LC
235, 330BL/CL, 345BL	JS460	SK330, SK400, SK480, K400, SK480, K400, K914, K916	PC360, PC400, PC450	R944, R952, R954, R961, R962	SY420C	350D LC
50ME, 245, 345, 350, 365		SK600	PC600, PC650, PC750	R944, R962LIT, R964, R974		450D LC

JSC HYDRAULIC CRUSHER & SHEAR SERIES



GENERAL CRUSHER

General Crusher RSG Series

It is designed for dismantling of building.

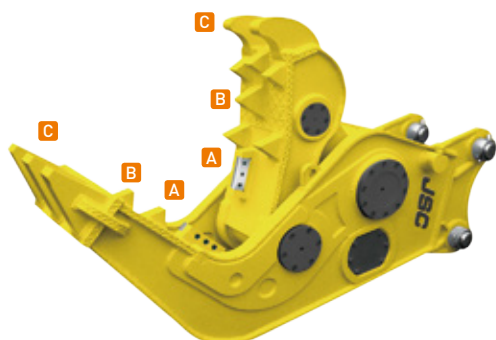


CONTENTS/MODEL	UNIT	RSG MINI SERIES			RSG SERIES					
		JSC20MRC	JSC 30MRC	JSC 130MRC	JSC 180MRC	JSC 250MRC	JSC 280MRC	JSC 320MRC	JSC 350MRC	JSC 420MRC
Weight	kg	210	320	500	1,150	1,580	1,850	2,750	3,500	5,200
Length	mm	1,060	1,260	1,390	1,800	2,100	2,280	2,450	2,600	2,850
Width	mm	720	770	955	1,080	1,280	1,450	1,720	2,100	2,350
MAX. Opening Width	mm	0-400	0-480	0-620	0-750	0-890	0-960	0-1,100	0-1,250	0-1,400
Crashing Power A	kn	660	773	911	3,620	5,480	6,311	7,252	8,820	11,950
Crashing Power B	kn	307	336	430	1,370	2,050	2,254	2,695	3,332	5,194
Crashing Power C	kn	200	240	280	882	1,117	1,372	1,175	2,058	2,744
Carrier Weight	ton	1.5-3	2.5-5	5-8	12-15	18-22	20-22	24-32	32-38	38-48
MAX. Pressure	kg/cm ²	220	220	240	320	320	300	320	320	320
Rotation	360°	360	360	360	360	360	360	360	360	360

PULVERIZER

Pulverizer(Secondary Crusher)

It is designed for crushing of reinforced concrete.



CONTENTS/MODEL	UNIT	FSM				
		JSC 180F	JSC 250F	JSC 280F	JSC 320F	JSC 420F
Weight	kg	950	1,500	1,750	2,450	4,200
Length	mm	1,952	2,020	2,200	2,350	2,900
Width	mm	1,150	1,250	1,370	1,620	1,920
MAX. Opening Width	mm	0-700	0-880	0-950	0-1,100	0-1,280
Crashing Power A	kn	1,880	2,175	2,528	2,636	3,586
Crashing Power B	kn	774	980	1,136	1,205	1,764
Crashing Power C	kn	597	735	842	901	1,470
Carrier Weight	ton	12-15	18-22	20-22	24-32	35-48
MAX. Pressure	kg/cm ²	260	280	300	300	300

DEMOLITION GRAPPLE

Demolition Grapple Series



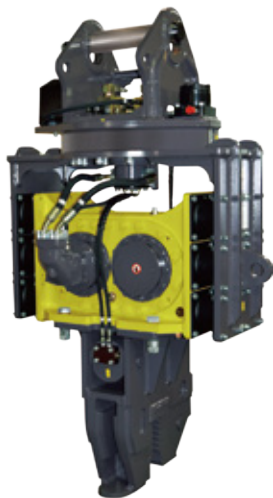
Clearing, demolition Garbage disposal

Rock disposal Pipes & Scrap iron & Logs

CONTENTS/MODEL	UNIT	JSD 400	JSD 600	JSD 800	JSD 1200
Capacity	liter	300	500	800	900
Weight	kg	900	1,370	2,100	2,500
Opening Width	mm	1,718	2,000	2,038	2,070
Closed Width	mm	1,058	1,210	1,502	1,700
Opening Height	mm	1,034	1,270	1,723	2,000
Closed Height	mm	1,204	1,444	1,869	2,050
Carrier Weight	ton	6.5-18	18-25	28-35	35-42

PILE DRIVER

Hydraulic Pile Driver Series



- Automatic 360 rotation function. High frequency vibration & Powerful centrifugal force
- Highly effective for driving & Extracting sheet pile, tube, H-beam
- Extremely low noise & Maximum excavator protection
- Proven economic feasibility, best mobility and safety

CONTENTS/MODEL	UNIT	SVH 30	SVH 35
Eccentric Moment	kg-m	5.4	7.8
	in-lbs	476	680
Centrifugal Force	kN	660	900
Max Frequency	rpm	2,700	2,700
Amplitude	mm	8	12
	inch	0.31	0.40
Oil Flow	l/m	170-210	170-210
Hydraulic Pressure	bar	200-250	200-250
	psi	2,900-3,600	2,900-3,600
Slewing	degree	360	360
Height(H)	mm	1,980	2,030
	inch	77	80
Length(L)	mm	710	730
	inch	27	29
Width(W)	mm	1,095	1,140
	inch	43	44
Weight	kg	1,690	1,830
	lbs	3,725	4,034
Application Excavator	ton	20-33	30-42

COMPACTOR

Hydraulic Compactor Series



- Applicable excavator : 4-33ton
- Patented cushion elastomers for maximum protection to the excavator and operator from vibration
- Highly effective in narrow ditch compacting
- High quality hydraulic motor
- Road construction, building foundation and slope compaction

CONTENTS/MODEL	Unit	JST 30	JST 40	JST 50	JST 81	JST 130
Applicable Carrier	ton	2.5-4	4-9	10-18	18-23	23-32
Weight (without Top Bracket)	kg	105	280	355	635	950
Max.Vibrating Force	ton	0.61	1.9	6.55	8.4	12.3
Max.Oil Flow	lpm	40	80.2	154	206	257
Rated Oil Flow	lpm	25-36	50-72	100-140	130-187	160-234
Operating Pressure	bar	140-210	140-210	140-210	140-210	140-180
Max.Vibration per Minute	vpm	2,200	2,200	2,200	2,200	2,000
Baseplate Size	mm	400 x 700	500 x 900	600 x 1,100	800 x 1,200	900 x 1,300

JSC ATTACHMENTS

JSC GRAPPLE

ORANGE GRAPPLE

Orange Grapple(Scrap Grab)Series

- Good design and robust structure
- Unlimited clockwise and anti-clockwise rotation
- Excellent performance at recycling job site
- Available from carrier vehicles from 2 to 40 tons



CONTENTS/MODEL	UNIT	JSS 400	JSS 600	JSS 800	JSS 1200
Capacity	liter	400	500	700	900
Carrier Weight	ton	12-18	18-25	25-32	32-45
Weight	kg	680	865	1,120	1,610
Opening Width	mm	1,700	1,820	2,000	2,360
Closed Width	mm	1,142	1,268	1,486	1,774
Opening Height	mm	1,192	1,291	1,443	1,691
Closed Height	mm	1,464	1,567	1,751	2,037

STONE GRAP

Hydraulic Stone Grap Series

- Landscaping, Stone layering, demolition and many others works
- Wear and tear resistant special steel is used
- Enclosed check valve for protective operation



CONTENTS/MODEL	UNIT	JRSG 03	JRSG 06	JRSG 08	JRSG 10
Carrier Weight	ton	3.5-6.5	12-16	21-26	27-32
Weight	kg	250	680	1,000	1,600
Length	mm	1,000	1,400	1,600	2,200
MAX Opening Width	mm	1,000	1,400	1,700	1,800
MAX. Pressure	bar	200	200	200	300
Oil Flow	lpm	35-35	80-140	130-180	180-260

QUICK COUPLER

Hydraulic Quick Coupler Series

- It is Used for harden limp ground by vibrating
- Each attachment can be changed easily by quick hitching
- Safety is guaranteed by lock pin check valve



CONTENTS/MODEL	UNIT	JSQ 400	JSQ 600	JSQ 800	JSQ 1200
Carrier Weight	ton	3-6	7-15	18-24	26-32
Weight	kg	55	120	250	450
Working Pressure	bar	40-300	40-300	40-300	40-300
Overall Height	mm	170	240	300	340
Width	mm	217-232	304-389	390-426	486-506
Overall Length	mm	500	680	770	870

*Specifications and feature are subject to change to change without prior to better improvement in quality.

CLAMSHELL

Hydraulic Clamshell Series

- Used to handle, load and unload industrial wastes, grains, sands and rocks
- Designed as powerful bucket with one or two vertical cylinders and is expected the long span of life since using hardox steel at wear surfaces



CONTENTS/MODEL	UNIT	JSM 50	JSM 81	JSM 200
Capacity	liter	500	700	920
Carrier Weight	ton	12-18	18-25	50-60
Weight	kg	720	980	1,150
Opening Width	mm	1,780	2,100	2,200
Closed Width	mm	1,460	1,620	1,720
Opening Height	mm	1,470	1,495	1,550
Closed Height	mm	1,880	1,980	2,080

JSC HYDRAULIC BREAKER

STANDARD ACCESSORIES & CHISEL GUIDE

STANDARD ACCESSORIES



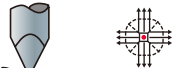
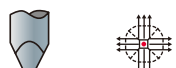
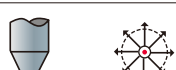






- 2 Chisel
- 1 Hydraulic Hose(2EA)
- 1 seal Kit
- 1 N2 Gas Bottle
- N2 Charging Kit & Gauge
- Tool Box Kit
- Manual & Part Book
- Working Clothes

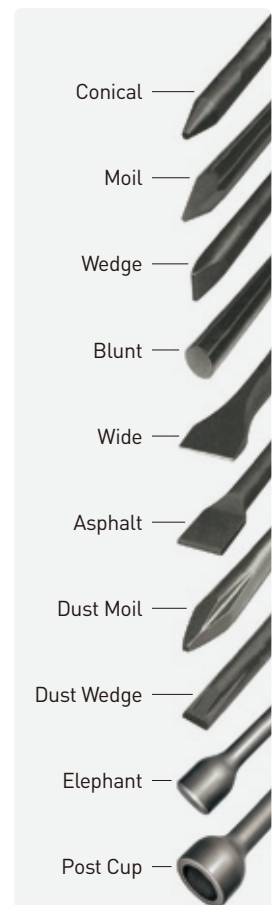
JSC ROD SPECIFICATION



MODEL	SHANK DIA. (mm)	LENGTH (mm)	WEIGHT (kg)
JSB 10	40	450	4
JSB 20	45	500	6
JSB 30	53	550	9
JSB 35	60	600	12
JSB 40	68	700	19
JSB 43	75	800	24
JSB 45	85	900	38
JSB 50	100	1,000	58
JSB 60	125	1,100	100
JSB 70A	135	1,200	128
JSB 81A	140	1,300	149
JSB 100	150	1,400	184
JSB 121	155	1,500	211
JSB 130	155	1,500	211
JSB 151	175	1,600	286
JSB 20G	135	1,200	128
JSB 30G	150	1,300	171
JSB 40G	160	1,400	210

CHISEL OVERVIEW

NO.	NAME OF WORKING TOOL	TOOL CONFIGURATIONS	RECOMMENDED APPLICATIONS
1	Moil		<ul style="list-style-type: none"> Universal usage Concrete breaking Rock breaking Road construction
2	Moil(Long)		<ul style="list-style-type: none"> Universal usage Concrete breaking Rock breaking Road construction
3	Cone		<ul style="list-style-type: none"> Universal usage Soft & nonbrasive work
4	Chisel		<ul style="list-style-type: none"> Mining Ground work Trenching Slope breaking
5	Dust Chisel		<ul style="list-style-type: none"> Mining Ground work Trenching Slope breaking
6	Asphalt Cutter		<ul style="list-style-type: none"> Frozen ground Asphalt cutting
7	Blunt		<ul style="list-style-type: none"> Mining Block holing Secondary breaking slag removal
8	Slab Buster		<ul style="list-style-type: none"> Slab demo shing Lower tool wear application
9	Tank Cutter		<ul style="list-style-type: none"> Container chopping speaial application for two tip's breaking



JSC BREAKER & ATTACHMENTS

FIELD GALLERY



Vibor Ripper



Compactor



Crusher



Demolition Grapple



Drum Cutter



Compactor Plate



Orange Grapple



Pile Driver



Pulverizer



Quick Coupler



Shear for 30ton Class



Stone Grab

