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CRUSH

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Exceptional Performance & Quality!

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AC HYDRAULIC BREAKER

Proven solutions for Demolition / Mining / Rock
Breaking Jobs



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AC HYDRAULIC BREAKER

Proven solutions for Demolition / Mining / Rock Breaking Jobs



SPECIFICATIONS

Description		Unit	AC130BI	AC170BI	AC230BI	AC370BI	AC460BI	AC490BI	Description	Unit	AC900BI	AC1480BI	AC2760BIA	AC3150BIA	AC4300BI	AC5350BIA	
Oil flow rate	lit/min		15-30	20-40	25-50	30-60	40-70	50-90	Oil flow rate	lit/min	60-100	80-110	90-120	125-150	160-190	160-190	
	gpm		4-8	5-10.5	6.5-13	8-16	10.5-18.5	13-24		gpm		16-26.5	21-29	24-32	33-40	42-50	42-50
Operating oil pressure	bar		90-120	90-120	90-120	100-130	110-140	120-150	Operating oil pressure	bar	130-160	150-170	150-170	160-180	160-180	160-180	
	psi		1,280-1,707	1,280-1,707	1,280-1,707	1,422-1,849	1,565-1,991	1,707-2,134		psi		1,849-2,276	2,134-2,418	2,134-2,418	2,276-2,610	2,276-2,610	2,276-2,610
Blows per minute	bpm		800-1,400	700-1,200	600-1,100	500-1,000	500-900	400-800	Blows per minute	bpm	400-800	350-700	385-550	362-435	334-397	272-360	
Impact Energy	Joule		180	220	320	450	600	700	Impact Energy	Joule	1,270	2,000	3,745	4,267	5,826	7,255	
	foot-pounds		131	168	230	370	462	490		foot-pounds		895	1,475	2,762	3,147	4,297	5,352
Tool diameter	mm		40	45	53	60	70	75	Tool diameter	mm	90	100	125	140	145	150	
	inch		1.57	1.77	2.08	2.36	2.75	2.95		inch		3.54	3.93	4.92	5.51	5.70	5.90
Operating weight	Low noise box type with mounting cap	kg	135	145	180	250	310	350	Operating weight	Low noise box type with mounting cap	kg	570	890	1525	2,042	2,250	2,750
		lb	297	319	397	551	682	772			lb	1,254	1,958	3,362	4,501	4,960	6,068
	Side plate type with mounting cap	kg	75	86	160	225	324	380		Side plate type with mounting cap	kg	613	850	1481	2,012	2,170	2,650
		lb	165	189	353	496	713	836			lb	1,349	1,870	3,265	4,435	4,784	5,842
Height with tool (without mounting cap, low noise box type)	mm		988	1,082	1,224	1,284	1,384	1,451	Height with tool (without mounting cap, low noise box type)	mm	1,789	2,043	2,178	2,480	2,611	2,710	
	inch		38.9	42.6	48.2	50.6	54.5	57.1		inch		70.4	80.4	85.7	97.6	102.7	106.6
Weight of carrier	Min / Max	ton	0.8-2.5	1.2-3.0	2.5-4.5	3.0-5.5	4-7	6-9	Weight of carrier	Min / Max	ton	7-14	11-16	17-24	20-31	23-34	28-41
		lbs	1,760-5,510	2,650-6,610	5,510-9,920	6,610-12,130	8,820-15,430	13,230-19,840			lbs	15,430-30,860	24,250-35,270	37,478-52,910	44,092-68,343	50,706-74,957	61,729-90,389
	Suitable	ton	1	2	3	5	6	7		Suitable	ton	10	14	17	22	20	35
		lbs	2,204	4,409	6,613	11,023	13,227	15,432			lbs	22,046	30,864	37,478	48,501	66,138	77,161
Bucket capacity	cbm		0.02-0.07	0.03-0.1	0.06-0.2	0.1-0.25	0.15-0.3	0.2-0.35	Bucket capacity	cbm	0.25-0.5	0.4-0.6	0.7-0.9	0.8-1.5	0.9-2.1	1.3-2.5	

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Proven solutions for Demolition / Mining / Rock Breaking Jobs



SPECIFICATIONS

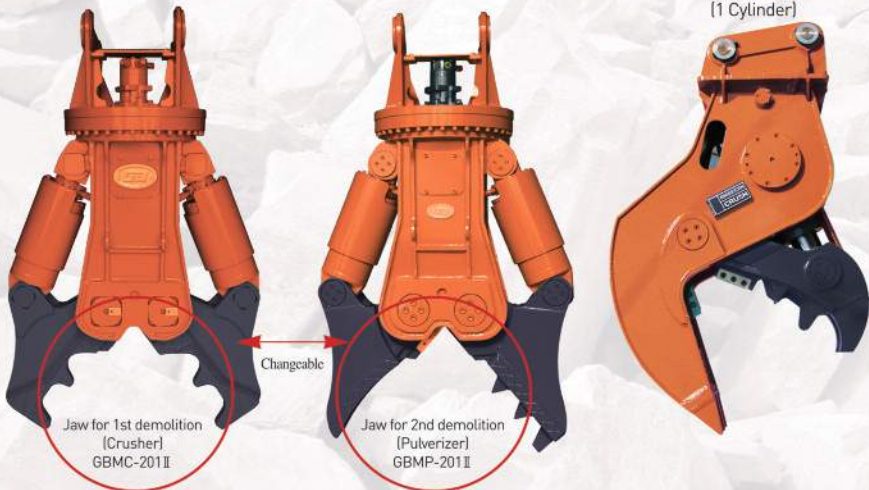
Description		Unit	AC1780BEA	AC2680BEA	AC3650BEA	AC3900BEA	AC9240BEA	AC10540BEA	AC12240BEA	Description	Unit	AC6380BIA	AC7800BIA	AC9720BIA	AC11970BIA	AC14600BIA	
Oil flow rate	lit/min		90~120	125~150	160~190	190~250	200~260	210~290	220~310	Oil flow rate	lit/min	190~250	200~260	210~290	240~340	300~400	
	gpm		24~32	33~40	42~50	50~66	53~69	55~77	58~82		gpm		50~66	53~69	55~77	63~90	79~106
Operating oil pressure	bar		150~170	160~180	160~180	160~180	160~180	160~180	160~180	Operating oil pressure	bar	160~180	160~180	160~180	160~180	160~180	
	psi		2,134~2,418	2,276~2,610	2,276~2,610	2,276~2,610	2,276~2,610	2,276~2,610	2,276~2,610		psi		2,276~2,610	2,276~2,610	2,276~2,610	2,276~2,610	2,276~2,610
Blows per minute	bpm		400~900	400~900	300~600	300~600	300~600	250~480	250~400	Blows per minute	bpm	260~342	241~314	210~290	195~276	195~260	
Impact Energy	Joule		2,418	3,636	4,943	5,292	12,531	14,284	16,587	Impact Energy	Joule	8,649	10,566	13,179	16,225	19,819	
	foot-pounds		1,783	2,682	3,646	3,903	9,242	10,535	12,234		foot-pounds		6,379	7,793	9,721	11,967	14,619
Tool diameter	mm		120	135	150	160	165	175	180	Tool diameter	mm	155	165	175	190	210	
	inch		4.72	5.31	5.90	6.29	6.49	6.88	7.08		inch		6.10	6.49	6.88	7.48	8.26
Operating weight	Low noise box type with mounting cap	kg	1,342	1,762	2,254	2,800	3,504	4,460	4,950	Operating weight	Low noise box type with mounting cap	kg	3,038	3,634	4,383	4,800	6,500
		lb	2,958	3,884	4,969	6,172	7,724	9,832	10,912			lb	6,697	8,011	9,662	10,582	14,330
	Side plate type with mounting cap	kg	1,410	1,840	2,409	2,950	3,720	4,670	4,950		Side plate type with mounting cap	kg	3,323	3,830	4,581	5,050	6,700
		lb	3,108	4,056	5,308	6,503	8,201	10,295	10,912			lb	7,325	8,443	10,099	11,133	14,770
Height with tool (without mounting cap, low noise box type)	mm		2,095	2,412	2,651	2,873	2,960	3,309	3,448	Height with tool (without mounting cap, low noise box type)	mm	2,874	3,047	3,336	3,508	3,693	
	inch		82.4	94.9	104.3	113.1	116.5	130.2	135.7		inch		113.1	119.9	131.3	138.1	145.3
Weight of carrier	Min / Max	ton	16~20	18~28	24~36	33~50	30~45	44~69	47~73	Weight of carrier	Min / Max	ton	33~50	38~57	44~69	48~76	64~101
		lbs	35,273~44,092	39,683~61,729	52,910~79,366	72,752~110,231	66,138~99,208	97,003~152,118	103,617~160,937			lbs	72,752~110,231	83,775~125,663	97,003~152,118	105,821~167,551	141,095~222,666
	Suitable	ton	17	22	30	40	45	50	60		Suitable	ton	40	45	52	62	80
	lbs	37,478	48,501	66,138	88,184	99,208	110,231	132,277	lbs		88,184	99,208	114,640	136,886	176,369		
Bucket capacity	cbm		0.6~0.8	0.7~1.3	0.9~2.2	1.5~2.5	1.5~2.5	2.5~3.3	2.6~3.8	Bucket capacity	cbm		1.7~2.6	2.0~3.0	2.5~3.3	2.7~4.0	3.4~4.8

Crusher & Pulverizer

Rotating Crusher

Rotating Pulverizer

Fixed Type Pulverizer
(1 Cylinder)



SPECIFICATIONS

Description		Unit	GBMS-301	GBMS-301 II
Operating Weight		kg	2,450	2,800
Overall Length		mm	2,400	2,650
Overall Width		mm	1,140	1,650
Overall Height		mm	810	830
Max. Opening Width		mm	570	602
Cutter Length		mm	600	585
Cutting Force		ton	270	330
Operating Pressure		kgf/cm ²	320	320
Operating Oil Pressure		LPM	250~300	250~300
Suitable Excavator		ton	26~32	27~36
Hydraulic Motor Rotating	Motor Setting Pressure	kgf/cm ² (psi)	160 (2,270)	160 (2,270)
	Motor	LPM	15~60	15~60
	Rotation	GPM	5.68~15.7	5.68~15.7
	Rotation Speed	RPM	10~18	10~18

Features (Rotating Crushers & Pulverizer)

- For powerful crushing performance.
- Extended Durability with special steel.
- Innovation of opening and shutting speed.
- Twin-cylinder rotating processor with Interchangeable jaws.
- Available in cutting steel reinforcing.
- 360° Rotation by Hydraulic Motor

SPECIFICATIONS

Description	Unit	Rotating Crusher & Pulverizer (Changeable Jaw)		Fixed Type Pulverizer
		GBMC-201 II (GBMP-201 II)	GBMC-301 II (GBMP-301 II)	GBP-300
Operating Weight	kg	1,650	2,630	2,334
Operating Pressure	kgf/cm ²	300	320	320
Max. Opening Width	mm	900	1,100	900
Crushing Force	ton	77	138	147
Cutting Force	ton	225	335	270
Rotation	degree	360°	360°	Fixed
Cutter Length	mm	200	200	200
Overall Length	mm	2,220	2,700	2,300
Suitable Excavator	ton	18~26	26~32	26~32



Shear

Features

- Powerful cutting force.
- Longer durability with strong power.
- Easy cutter change.
- Increased working efficiency with high speed.
- 360° Rotation by Hydraulic Motor

Twin-Cylinder Shear
(GBMS-301 II)



One-Cylinder Shear
(GBMS-301)





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The right attachments for the application

Vibro Hammer

Features (Rotating Crushers & Pulverizer)

- Can be directly connected with excavator(no need crane).
- Highly effective BPM with low noise
- Available in hydraulic breaker piping
- Superior working efficiency and wide range of work.
- 360° Rotation

SPECIFICATIONS

Description	Unit	GVH3000	SHEET PILE	Unit	GVH3000	
Hydraulic Excavator	ton	28-34	Length	(Recommended)	m	10
Frequency	bpm	2,000-2,500		(Maximum)	m	11
Operating Hydraulic Pressure	bar	200-250	Maximum Weight	kg	700	
Slewing degree	degree	360	Minimum Width	mm	180	
Hydraulic oil flow	lpm	170-200				
Clamping Jaw	mm	65				
Main body weight	kg	1,800				
Extension boom Weight	kg	700				
Length x Width x Height	mm	1,959x1,132x733				



Quick Coupler

Features

- The strongest durability on the same class
- Double safety device.
- Reduce the working hours with fast removable coupler.
- Enough space for the safety pin.

SPECIFICATIONS

Description	Unit	Fixed Type		Free Type				
		GL300F	GL400F	GL30FR	GL50FR	GL80FR	GL130FR	GL200FR
Weight	kg	420~430	450~580	30~40	50~60	80~100	120~130	280~290
Length (L)	mm	1,020~1,050	1,120~1,140	306~475	490~540	610~640	780~800	880~910
Height (H)	mm	513~520	540~555	230~268	260~280	330~340	380~390	440~450
Width (W)	mm	520~590	550~660	175~245	270~285	330~340	370~400	470~490
Equipping Distance	mm	470~510	530~580	90~200	230~280	260~310	360~390	440~475
Pin Diameter	ø	80~90	90~120	25~40	45~50	50~60	50~70	70~80
Applicable Excavator	ton	25~33	34~50	1~3	3~5	5~8	9~16	17~23



Fixed Type



Free Type

POWER IS NOTHING WITHOUT CONTROL!

FUNCTIONS:

Piston

- Perfectly matched to the tool dimensions and weight to insure maximum energy transfer with each hit.
- Extended piston stroke design provides smoother operation while providing less wear/tear on the carrier
- 3 YEAR WARRANTY

American Crush Tool

- Heat treated and tempered for longer life
- Only produced with high-quality nickel and alloy steel to insure strength
- Will crush whatever comes your way! We guarantee it!
- 3 month warranty on all American Crush Brand tools.
- Available in our standard configurations as well as by special order for any hammer type or any model

Tie Rod Design

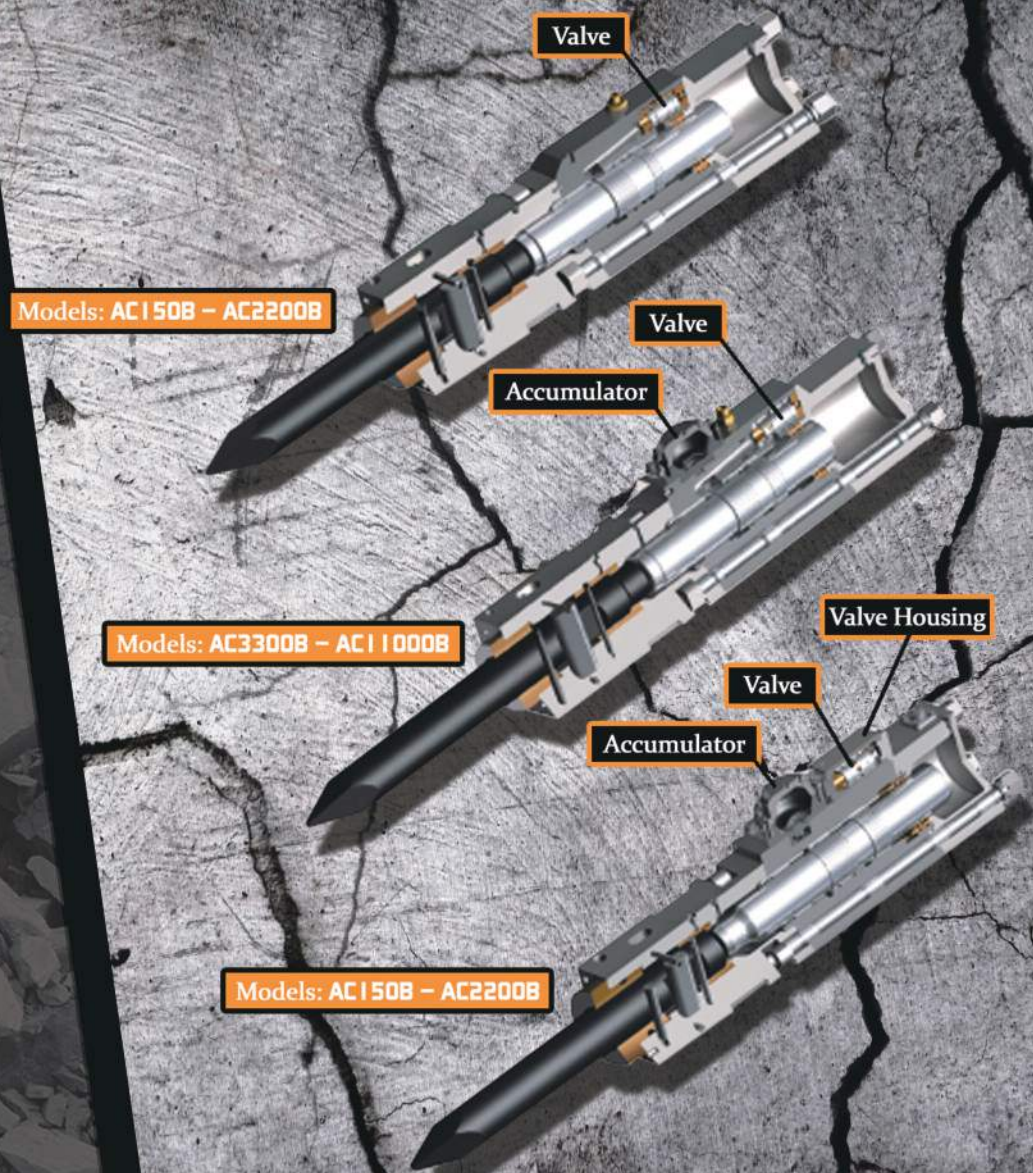
- Screw design keeps the internal units from flexing while maintaining seal strength and performance
- Designed to absorb the energy from impact to maintain the strength of the entire hammer from shock loads
- Acts as the trusted backbone to the entire system through the even distribution of energy.

Lubrication

- Manually lubrication insures that all components are properly lubricated to reduce wear and tear.
- With regular manual lubrication and maintenance you can expect performance and longevity of your wear parts.
- Optional automatic lubrication system available for continuous worry free protection.

Accumulator

- Protects from irregular pressure pulses on the hydraulic circuit
- Provides the extra push to improve striking power with accumulated gas pressure.
- Available in models AC3300B – AC11000T with internal valve
- Available in models AC2000T – AC10000T with external valve and external valve housing



*You Will Always Remember
Your First One!*



Specialized in supplying Hydraulic Breakers
and Insertion Tools whose features are:

The American Crush brands of silenced and side plate hydraulic hammers are designed to meet all international standards for safety and performance. Available from 150 ft lb through 11,000 ft lb energy class we have the equipment to meet your needs.

Whether crushing stone or performing heavy demolition we promise performance without the fear of costly downtime. All of our hammers are backed by a comprehensive one (1) year warranty and are insured to perform with an additional 3 year warranty on the piston. No other competitor can make that promise!

Performance, Reliability, Support, and Value is American Crush.

Our goal is simple. Offer high quality products at competitive prices.

- Superior Power / Efficiency
- Reliable Availability
- High Productivity
- Extended Durability
- Simple & Easy Maintenance
- Quick Customer Service



BOX TYPE



SIDE PLATE TYPE

o Box Type.

Designed to meet all of North Americas noise level requirements, but powerful enough to crush whatever comes your way. Available from 150 ft lb through 11,000 ft lb energy class our brand of box style silenced hammers provide the noise protection and power that you expect at a price that you didn't.

o Side Plate Type

Powerful and reliable. Our open side plate design allows for easy access for daily maintenance without sacrificing power. The open plate design allows the operator to see problems before they become costly fixes. Available from 150ft lb through 11,000 ft lb energy class experience the highest quality at a value price.