


S E R V I N G T H E W O R L D



GORILLA
HYDRAULIC
BREAKERS



GX SERIES



***EX**treme impact power!*
***EX**treme durability!*
***EX**treme customer service!*



HYDRAULIC BREAKERS

LIGHT TO MEDIUM DUTY



DESCRIPTION	Unit	GXS60	GXS70	GXS75	GXS90	GX100/ GXS100	
Impact Energy <small>Comparison CIMA Ratings available upon request</small>	ft. lbs	600	750	1,000	1,500	2,500	
Operating weight	GX Series (Side plated)					2100 955	
	GXS Series (Low noise box type)	550 245	750 343	950 432	1500 676	2200 1000	
Blows per minute	bpm	500~1,000	490~950	450~950	450~900	430~900	
Tool diameter	inch	2.3	2.7	3.0	3.4	4.0	
	mm	58	68	75	85	100	
Weight of carrier	ton	3.0~5.5	3.5~7.0	6.0~9.0	8~12	9.0~16	
	min/max (lbs)	6,610~12,130	7,700~15,400	13,200~19,800	17,600~26,400	19,800~35,200	
Height with tool <small>(with top bracket)</small>	GXS Series Low Noise box type	58.2	64.3	66.2	83.3	95.1	
		mm	1,476	1,631	1,679	2,114	2,414
	GX Series side plate type					94.9 2,410	
Noise at 85dB(A) Radius	GXS Series Low Noise box type/	8	9	10	11	12	
	GX Series side plate type	13	14	15	16	20	
Oil Flow Rate	gallons per minute	8~16	8.0~12.0	12.0~22.0	12~23	21~27	
	liters per minute	30~60	30~45	45~85	45~85	80~100	
Operating oil pressure	psi	1,400~1,850	1,350~1,850	1,400~1,850	1,850~2,100	2,100~2,450	
	bar	100~130	95~130	100~130	130~150	150~170	
Aux. circuit relief <small>(cracking)</small>	psi	2,400	2,400	2,400	2,800	3,000	
	bar	170	170	170	195	210	
Maximum return pressure	psi	215	215	215	215	215	
	kgf/cm ²	15	15	15	15	15	
Oil hose diameter	inch	1/2	1/2	1/2	3/4	3/4	
	mm	13	13	13	19	19	



GORILLA SPECIFICATIONS



MEDIUM TO HEAVY DUTY



DESCRIPTION	Unit	GX120/ GXS120	GX135/ GXS135	GX150/ GXS150	GX155/ GXS155	GHB160T Trench style	GX165/ GXS165	GHB180T Trench style	
Impact Energy <small>Comparison CIMA Ratings available upon request</small>	ft. lbs	3,500	5,000	6,000	8,000	9,500	10,000	13,500	
Operating weight	GX Series (Side plated)	lb	3,000	4,000	5,300	6,900	Trench style only 7,300 lb. 3,300 kg	Trench style only	
		kg	1,365	1,820	2,410	3,130		3,615	Trench style only
	GXS Series (Low noise box type)	lb	2,800	4,050	5,150	6,500	7,600	10,200 lb.	
		kg	1,275	1,840	2,336	2,950		3,450	4,635 kg
Blows per minute	bpm	400~900	400~800	350~700	300~600	300~600	300~350	250~500	
Tool diameter	inch	4.7	5.3	6.0	6.1	6.3	6.5	7.1	
	mm	120	135	150	155	160	165	180	
Weight of carrier	ton	12~18	18~26	25~32	30~35	30~41	32~47	45~70	
	min/max (lbs)	26,500~39,700	39,680~57,320	55,100~70,550	66,130~77,162	66,138~90,390	70,547~103,617	99,208~154,323	
Height with tool <small>(with top bracket)</small>	GXS Series Low Noise box type	inch	99.3	106.1	118.7	127.5	Trench style only 116.0 in. 2,935 mm	128.1	Trench style only 127.0 in. 3,231 mm
		mm	2,520	2,693	3,013	3,236		3,252	
	GX Series side plate type	inch	95.6	107.5	119.6	128.0			
		mm	2,428	2,729	3,036	3,251			
Noise at 85dB(A) Radius	GXS Series Low Noise box type/	m	14	15	16	17	40	19	44
	GX Series side plate type	m	21	23	25	28	43		
Oil Flow Rate	gallons per minute	24~32	33.0~40	42~50	50~66	48~67	52~66	66~90	
	liters per minute	90~120	125~150	160~190	190~250	180~250	200~250	250~340	
Operating oil pressure	psi	2,100~2,450	2,300~2,600	2,300~2,600	2,300~2,600	2,400~2,700	2,300~2,600	2,300~2,600	
	bar	150~170	160~180	160~180	160~180	165~185	160~180	160~180	
Aux. circuit relief <small>(cracking)</small>	psi	3,000	3,100	3,100	3,100	3,100	3,100	3,300	
	bar	210	220	220	220	210	220	230	
Maximum return pressure	psi	215	215	215	215	215	215	231	
	kgf/cm ²	15	15	15	15	15	15	16.3	
Oil hose diameter	inch	3/4	1	1	1 1/4	1 1/4	1 1/4	1 1/4	
	mm	19	25	25	32	32	32	32	

Introducing Gorilla's



Extreme impact power and durability inside...

At Gorilla, we continually strive to empower the customer by providing a low maintenance product that can be inspected and serviced by a typical operator. We're only a phone call away when you need us, but knowing contractors like yourself, you'd rather save field service costs and keep running with a durable product you can repair and maintain on your own.

GX/S120-175 Models

GX/S60-100 Models

INTEGRATED NITROGEN PROTECTION

All models have a nitrogen-charged back head. This cushions the piston at the top of its stroke, prevents blank firing and enhances power on the downstroke. GX120-175 models are equipped with an additional integrated, nitrogen-charged accumulator. This protects the hammer from the carrier's hydraulic spikes, and redirects that energy into more striking power. Both chambers can be quickly serviced in the field by the customer.

NITROGEN CHARGED ACCUMULATOR

SIMPLE STRIKE CYCLING™

Gorilla Hydraulic Breakers' strike cycle utilizes only two moving internal parts. This simple design has less weak points and is easier to rebuild.

ANTI-BLANK FIRING MECHANISM [ABFM™]

Blank firing breaks hammers! Available in all models, this feature nearly eliminates blank firing while allowing for cold weather warmup.

DYNAMIC ALLOY TIE RODS

The most important fastener in any hydraulic hammer. Ours are constructed of a proprietary alloy and utilize special threading and top nuts designed to maintain consistent torque under demanding field conditions.

PISTON

Heavier throughout the entire GX line. This added weight behind each blow, combined with a longer piston stroke, dramatically increases impact power without sacrificing stability.

EZ CHANGE™ RETAINER SYSTEM

Simple, proven design allows 5-10 minute tool changes.

FIELD REPLACEABLE LOWER BUSHING (GX Series only)

A loose lower bushing means more expensive repairs inside. Ours is field replaceable to encourage timely replacement when needed.

NICKEL REINFORCED WORKING TOOL

Nickel reinforced working tool: Made from the best raw materials and state of the art heat treatment to ensure maximum durability and impact on the material.

Empowering the Customer



Advanced Design Hydraulic Breakers

...and out

Duraframe™ Technology Designed with durability in mind

Silenced Design (GXS Models)

All hose exits, access ports and internal buffers are designed to lock in sound and minimize environmental impact without sacrificing field serviceability.

Visual Maintenance Design (GX Models)

ROBUST GUSSETING

All GX series breakers feature double or triple heavy gauge steel side gussets connecting the newly designed top bracket to the reinforced base. This dramatically improves frame rigidity; reducing maintenance costs by enabling fasteners to hold their torque longer and avoiding time consuming weldment repair.

TURRET FLANGE™ (GX/S120-175)

This innovative, angled design reduces hose leaks and carrier shutoff valve failure by directing the whip hoses to follow a smooth, natural angle to the carrier.

STABILIBAR™

Built into all GXS70 and larger models, this feature holds the power cell tightly in its cradle to minimize wear on internal buffers and the power cell.

ON-BOARD LUBRICATION SYSTEM (GX/S120-175)

Our available integrated greaser ensures the best protection for your breaker without adding hydraulic leak points. Each unit features an upper grease port at the valve to accommodate the use of carrier mounted greasers as well.

ENHANCED FASTENERS

We've added additional nickel alloy cross bolts to all large GX series breakers. All models have been revised by increasing the size and amount of fasteners and adding tension washers and nickel alloy where needed. These improvements increase durability and reduce maintenance costs.

REINFORCED BASE

The business end of all GX series breakers feature proprietary, abrasion resistant, hardened steel. This shields the breaker against wear from abrasive material, thus helping to avoid time consuming "hardfacing". GX70-175 models also feature a rock claw to help manipulate the material without placing stress on the working tool.

Minimizing Downtime



TYPICAL CARRIER APPLICATIONS

For **GX** SERIES Hydraulic Breakers

Model	CAT	CASE	DAEWOO DOOSAN	KOBELCO	KOMATSU	VOLVO	HYUNDAI	LINK-BELT	HITACHI	JOHN DEERE
GXS60	302	CX14	DH30	SK15	PC10	EC14	HSL600	N/A	EX22	240 25
	303	1830	1340XL	SK25	PC12	MC60	HSL610		EX12	250 17ZTS
	216	28 MAXI	1760XL	SK35	PC15	EC20			EX25	260 35
GXS75	416	580B through L	DH40	SK60	PC75	EC50	R50-3	75SA	EX50U	310 510
	426	590L	DH80W	70SR	PC78	EW70	R55-3	LS1600	EX60	315 610
	307	CX75SR	SOLAR 75V	80CS	PC60	EC70	R95W-3	80SA	EX80	410
GXS90	420	580M	SOLAR80W	80CS	PC78	EW70	R95W-3	LS2500-S	EX80	310 510
	446	590M	SOLAR 70	K903C	PC80	ECR88	RI10LC-7	LS1600C	EX100	315 610
	308	660B	DH120W	SK100	PC100	EC70			EX110	410
GX100/ GXS100	311	CX130	DH130	SK1150Z	PC120	EC140	R130LC-3	130LX	UH03	110
	312	CX135SR	SOLAR 130	SK120	PC128	EW140	R110LC-7	LS2650C	ZAXIS 120	120
	315	780	SOLAR 130W	K905A	PW150-3	EC160	R130W-2	LS2700C	ZAXIS 130	160
GX120/ GXS120	315	CX135SR	DH170	SK150LC	PW170-5	EW160C	R140LC-7	160LX	ZAXIS 135	160 590
	215	1080	SOLAR 170W	SKB5SR	PC150-1	EC160B	R160LC-3	2700Q	ZAXIS 180	120C 595
	318	CX160	SOLAR 175LC	SK135SR	PC160LC-7	EW180B	R170W-3	LS2800	ZAXIS 225	135 690
GX135/ GXS135	320	CX210	DH200	SK200	PW210-1	EC210	R180LC-3	210LX	ZAXIS 180	200 225
	M318	1088	SOLAR 200W	SK210LC	PC200	EW180B	R200	3400Q	ZAXIS 240	210 230
	325	980B	SOLAR 225LC	SK220	PC220	EC210B	R210LC-7	240LX	ZAXIS 270	220 690
GX150/ GXS150	325	CX225SR	SOLAR 280 - 400	SK250LC	PC250	EC240	R250LC-3	290LX	ZAXIS 270LC	330
	235	CX240	SOLAR 290LC	SK270	PC270	EC280	R280	3900Q	ZAXIS 350	370
	330B	9050	DH280, 320	SK290LC	PC300-2	EC290	R290LC-3	LS4300	ZAXIS370	792
			DX300LC, DX340LC							892
GX155/ GXS155	330C	CX290	DX300LC	SK300	PC300-6	EC330B	R290LC-7	330LX	ZAXIS 270LC	330
	3300	CX330	DX340LC	SK330LC	PC300LC-7	EC340	R320LC-3	4300Q	ZAXIS350	370
	E300B	9050B	SOLAR 280 - 400 DH280, 320	K912A	PC308	EC360	R360LC-3	LS5000	ZAXIS370	792
GXS165	235D		DX340LC	SK350LC	PC300HD	EC340	R360LC-7 R420	LS5400	ZAXIS370 ZAXIS450	330 990
	330D	CX350B	SOLAR 330 - 450	K914	PC360-3	EC360		LS5800		370 992
	345B	9060B	SOLAR 500 DH320, 450	SK330LC	PC400-1	EC390		892 890		
GXS175	345C		DH450	K916		EC390	R450LC-3 R450LC-7	460LX 5800Q LS5800C	ZAXIS370 ZAXIS450 ZAXIS480	350 890
	345B	CX460	SOLAR 400 - 500	SK400LC	PC400-8	EC390ME				370 990
	E450	9060B	SOLAR 500	SK400	PC400HD-5	EC460				450 992
			DX420LC	SK480	PC400HD-6	EC450				550 892
	350L		DX480LC DH450	SK480LC		EC460B				