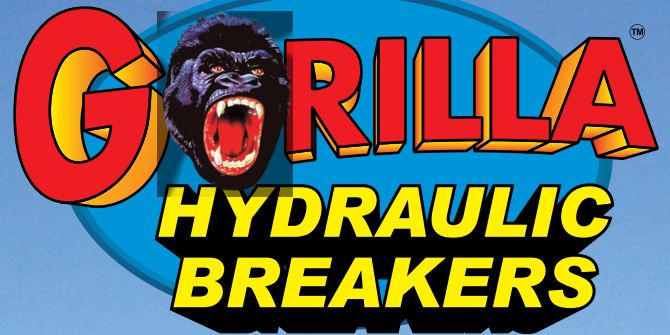



S E R V I N G T H E W O R L D



GORILLA
HYDRAULIC
BREAKERS



GX SERIES

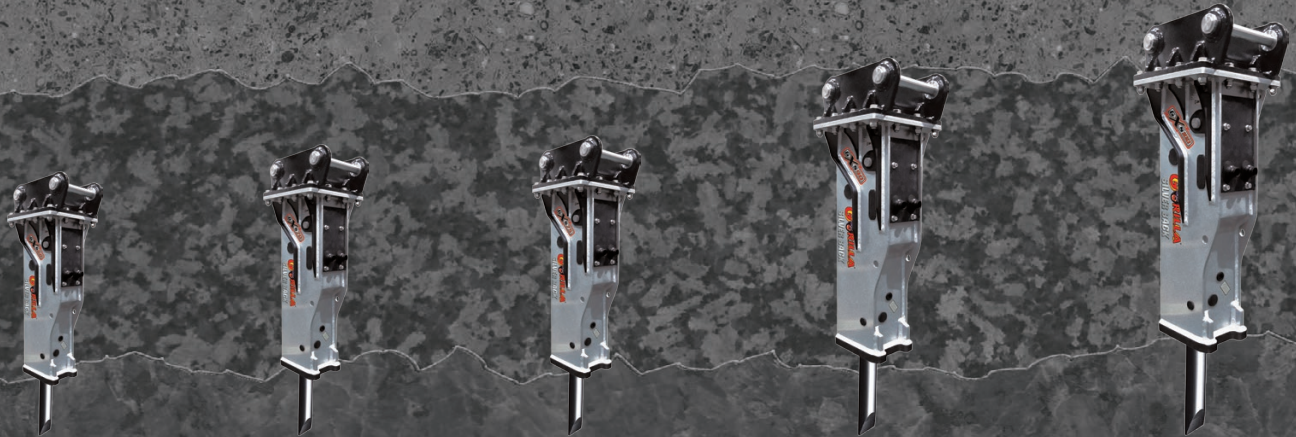


***EX**treme impact power!*
***EX**treme durability!*
***EX**treme customer service!*



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 | 750 | 950 | 1500 | 2200 |
| | | 245 | 343 | 432 | 676 | 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 |
| | | 1,476 | 1,631 | 1,679 | 2,114 | 2,414 |
| | GX Series side plate type | | | | | 94.9 |
| Noise at 85dB(A) Radius | inch | | | | | 2,410 |
| | mm | | | | | |
| Oil Flow Rate | GXS Series Low Noise box type/ | 8 | 9 | 10 | 11 | 12 |
| | GX Series side plate type | 13 | 14 | 15 | 16 | 20 |
| Operating oil pressure | 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 |
| Aux. circuit relief <small>(cracking)</small> | 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 |
| Maximum return pressure | psi | 2,400 | 2,400 | 2,400 | 2,800 | 3,000 |
| | bar | 170 | 170 | 170 | 195 | 210 |
| Oil hose diameter | 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 |



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 DIMA 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 | 7,950 3,615 | Trench style only 10,200 lb. 4,635 kg |
| | | kg | 1,365 | 1,820 | 2,410 | 3,130 | | | |
| | GXS Series (Low noise box type) | lb | 2,800 | 4,050 | 5,150 | 6,500 | 7,600 3,450 | 7,600 3,450 | 4,635 kg |
| | | kg | 1,275 | 1,840 | 2,336 | 2,950 | | | |
| 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 3,252 | Trench style only 127.0 in. 3,231 mm |
| | | mm | 2,520 | 2,693 | 3,013 | 3,236 | | | |
| | 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 | 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



www.gorillahammers.com

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

www.gorillahammers.com



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 DX300LC, DX340LC | SK290LC | PC300-2 | EC290 | R290LC-3 | LS4300 | ZAXIS370 | 792 892 |
| 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 | 792 892 |
| GXS165 | 235D | CX350B 9060B | DX340LC | SK350LC | PC300HD | EC340 | R360LC-7 R420 | LS5400 LS5800 | ZAXIS370 ZAXIS450 | 330 990 |
| | 330D | | SOLAR 330 - 450 | K914 | PC360-3 | EC360 | | | | 370 992 |
| | 345B | | SOLAR 500 DH320, 450 | SK330LC | PC400-1 | EC390 | | | | 892 890 |
| GXS175 | 345C | CX460 9060B | DH450 | K916 | PC400-8 PC400HD-5 PC400HD-6 | EC390 | R450LC-3 R450LC-7 | 460LX 5800Q LS5800C | ZAXIS370 ZAXIS450 ZAXIS480 | 350 890 |
| | 345B | | SOLAR 400 - 500 | SK400LC | | EC390ME | | | | 370 990 |
| | E450 | | SOLAR 500 | SK400 | | EC460 | | | | 450 992 |
| | 350L | | DX420LC | SK480 | | EC450 | | | | 550 892 |
| | | | DX480LC DH450 | SK480LC | | EC460B | | | | |



The most affordable, **SUPPORTED** breaker you can buy...

...just ask our customers!

Our Philosophy

Gorilla Hydraulic Breakers has been family-owned and operated for three generations. We consider every customer relationship a temporary one, lasting only as long as we treat each customer's concerns with a sense of urgency and continue to maintain our focus on customer retention through personalized service.

Joe & Bob Tedesco
Principals
Gorilla Hydraulic Breakers



G. Lopes Construction Gil Lopes, President



(L-R) Joe Tedesco, President of Gorilla Hammers and Gil Lopes, President of G. Lopes Construction.

"We have Gorilla hammers with over 5,000 hours on them that have experienced no failures. I have long believed that you get what you pay for and in this particular case we get a discounted price without the suffering of poor workmanship."



(L-R) Bob Tedesco, Director of Sales and Marketing of Gorilla Hammers and Steve Boniface, CEO of Pine Bush Equipment.

Pine Bush Equipment

Steve Boniface, CEO

"We started by putting the Gorilla hammers in our rental fleet. We found them to be affordable, durable and reliable and best of all Gorilla continued to impress us with their product support."

"We are all about purchasing quality products and paying a fair price for them, which is exactly what Gorilla does, but it's their service that separates them from their competitors. We have sold hydraulic hammers for years, have represented at least five different hammer manufacturers, and we have never experienced that type of product support before."

Southern Pipeline

David Spence, CEO

David Spence, CEO of Southern Pipeline, working through his local Gorilla dealer, Bale Equipment of Kentucky:

"I was impressed with the level of service and knowledge provided by Gorilla Hydraulic Hammers. The GHB150 hydraulic hammer is a very reliable and hard-hitting unit and both the company's foreman and machine operators agreed it is incredibly strong. The hammer more than paid for itself on one job and we finished the job on time thanks to Gorilla Hammers."



(L-R) Jamie Lee and David Spence of Southern Pipeline and Glen Gish of Bale Equipment.

Perry's Equipment

Richard Perry, Owner



(L-R) Ryan Charbonneau, Ivan Charbonneau of I.H. Charbonneau & Son and Richard Perry, Perry's Equipment.

"They sent one of their representatives out to my place of business to train me on the operation, installation and support of the Gorilla hammers. Since then, any time I have had an issue, all I need to do is call. Parts are never an issue. I have never called when the item I needed wasn't in stock."



**A complete support system
for ALL of your breakers
with one-call convenience**



Gorilla's Allmake™ Demo Tool Program

We have over a million dollars of German-made *Solida* demolition tools in stock to fit ALL hydraulic breakers.

Repair Parts

Keep your own hammers running with the same OEM quality replacement parts we use in our own guaranteed remanufactured hammers: seal kits, diaphragms, bushings, tie rods and more!



Remanufactured Breakers

We continually build and stock a variety of remanufactured, **GUARANTEED** breakers to meet any budget.



Technical Assistance

We service what we sell!
We'll work with you to help you properly install your breaker or parts.



The Hammer Shop™ at Gorilla

We repair all makes and models **IN-HOUSE** for our customers from across the country. With our low freight rates, why take a chance with an amateur?



**Getting lost in the shuffle
at your local dealer?**

**At Gorilla, hammers are
our *only* priority!**

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Gorilla Hydraulic Breakers**

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