

ROCKBREAKING ATTACHMENTS



BXR SERIES LARGE-SIZE
HYDRAULIC ROCKBREAKERS

POWER YOUR PRODUCTIVITY

YOUR ROCKBREAKING EXPERT & PARTNER



WE OFFER DECADES OF EXPERIENCE & CUSTOMER SERVICE

Breaker Technology (BTI) is the rockbreaking expert in the mining, quarrying, construction and demolition industries. We offer 15 different breaker models in three size classifications: small, mid-size and large. For nearly 60 years, we've been helping companies power their productivity and break into profitability.

Experience has taught us that information and partnerships, combined with high-quality equipment provide great results. BTI works with you to fine-tune your selection, ensuring you're getting the right piece of equipment for your job.

KICK UP YOUR POWER



TECHNOLOGY TO OPTIMIZE IMPACT

BTI's large-size BXR Series RockBreakers are designed for both speed and strength without compromising longevity. The rockbreaker's blow energy is maximized in varying rock conditions by using recoil-sensing technology with operator actuated two-speed control and an oversize piston. This design boosts speed without the need for additional flow to power your productivity.

APPLICATIONS:

Primary Demolition // Primary or Secondary Breaking // Concrete Structures // Pavement // Trenching // Tunneling // Underwater



FEATURES

THAT KEEP YOU PRODUCTIVE

+ SUPERIOR IMPACT ENERGY

The extra-long stroke pressure balanced piston, oil regeneration system and button-nose piston design maximizes the blow energy needed to break hard rock.

+ CONTINUOUS DUTY IN HARSH CONDITIONS

High-strength alloy plate steel with abrasion-resistant plate housing and heat-treated alloy pistons means your rockbreaker will withstand the hard conditions it's working in.

+ HIGH OPERATING EFFICIENCY

BTI's oil regeneration system increases bpms without decreasing energy in harder material applications.

+ PROTECTION FOR INTERNAL COMPONENTS

Anti-blank fire on/off selector keeps your rockbreaker from firing until tool force is applied, protecting your internal components from unnecessary damage.

+ OPTIMIZE PRODUCTION

Long/Short stroke selector (manual or remote) optimizes power and speed, giving you options for different applications.

+ REDUCE NOISE LEVELS

Boxed housing keeps the noise levels down, essential in high-density population areas.



+ UNDERWATER OPERATION

A remote air port at the top of the rockbreaker, with the addition of customer supplied compressed air, allows for underwater operation.

+ LONG ROCKBREAKER LIFE

A remote located greasing port provides a convenient interface to carrier-mounted remote greasing systems and contributes to your rockbreaker's longevity.

+ AUTO GREASE OPTION

BTI's auto-grease system keeps your tool lubricated without the hassle of stopping your production cycle flow while delivering just the right amount of grease when it's needed most. The system installs directly on the breaker.

+ EXTREME DUTY KIT OPTION

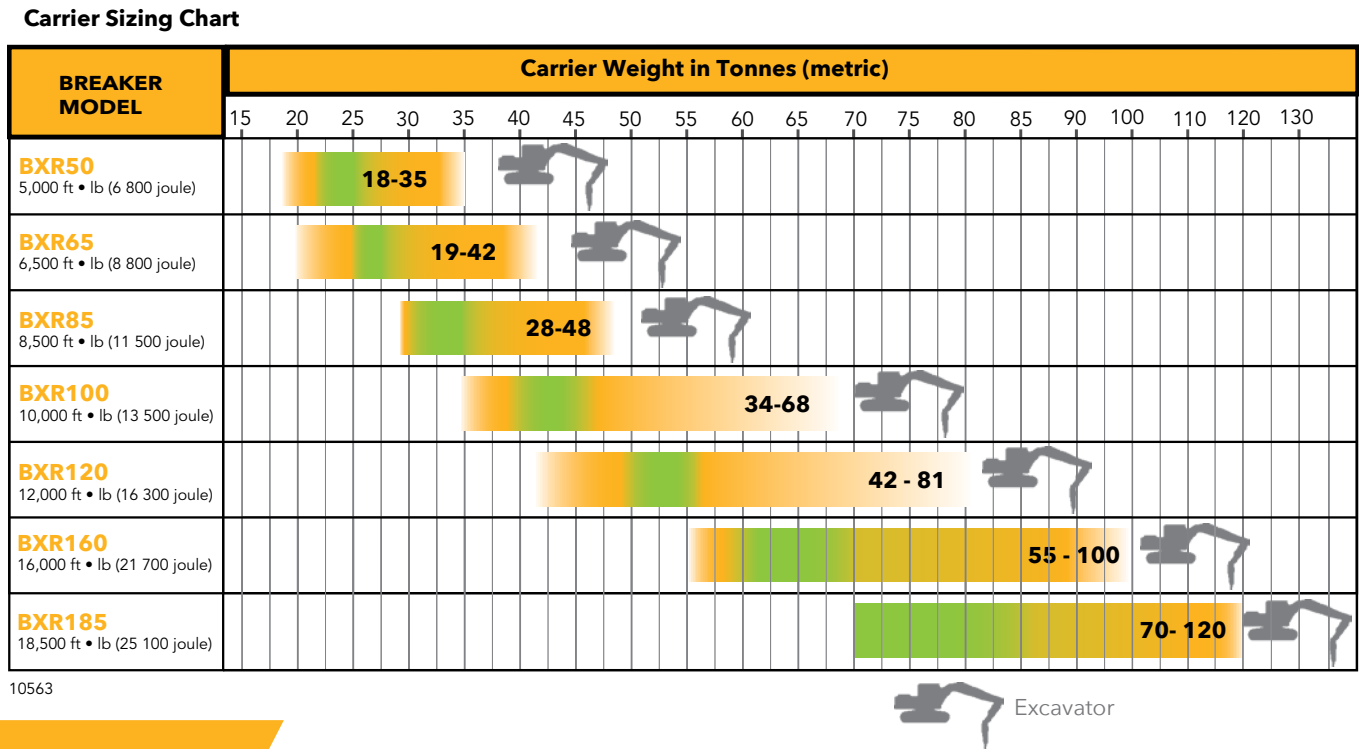
The extreme duty wear kit offers additional protection to the wear and tear of your rockbreaker with a factory application of cast abrasion strips and wear resistant plate with rock claws.



SIZE YOUR BREAKER

ONE SIZE DOES NOT FIT ALL

BTI's BXR Series RockBreakers break-up concrete, aggregate, limestone, hard rock, and granite. To get the best performance from your rockbreaker, you need to account for three things: your carrier size, the material your breaking, and your production goals. Your carrier's operating weight and hydraulic system capabilities determine your breaker size. Use the chart to determine the size range of the rockbreaker, based on your carrier's weight.



DETERMINE YOUR OUTPUT

PRODUCTION RATE MATTERS

The hardness of the materials you're breaking will identify the right breaker for your job. The material hardness plus breaker size will determine your production flow rate. Use this chart to ensure you're maximizing your production rate and getting the most from your BTI RockBreaker.



SPECS

CHOOSE THE RIGHT TOOL FOR YOUR JOB

The key to getting the highest productivity from your rockbreaker is to choose the right tool for the job. Although there are many types of tools available for your rockbreaker, the most common tools are the chisel, blunt andmoil tools.

CHISEL: used to split material that is made up of varying substances such as concrete, asphalt and sedimentary rock.
BLUNT: used to impact hard rock like igneous rock, granite, traprock, etc.
MOIL: used to penetrate low-abrasive materials such as concrete and other softer rock.



REGULAR GREASING WILL SAVE YOU MONEY

Regularly lubricating your tool will sustain the life of your rockbreaker, giving you years of productivity. The BTI Chisel Paste is specially formulated to provide the right amount of lubrication for the BTI rockbreaker's

operation. Be sure to grease every two hours of continuous use or when the tool becomes dry and shiny. Failure to regularly lubricate your machine will reduce the life of the tool, bushings and front head.



GENUINE BTI PARTS AND KITS

BTI genuine parts and maintenance kits make it easy to stay productive. Preventative maintenance is key to staying on schedule. We have

everything you need to carry out proper maintenance routines for wear parts, helping you complete your job on time and on budget.



		BXR50C	BXR65C	BXR85C	BXR100C	BXR120C	BXR160C	BXR185D
Energy Class	ft-lbs Joules	5,000 6 780	6,500 8 810	8,500 11 520	10,000 13 560	12,000 16 270	16,000 21 680	18,500 25 100
Operating Weight (including top bracket)	lbs kg	4,200 1 910	4,860 2 200	6,500 2 950	7,800 3 540	9,200 4 170	12,100 5 490	15,660 7 100
Overall Length (including standard bracket)	in mm	103 2 622	112 2 863	128 3 241	134 3 400	138 3 500	155 3 943	181 4 590
Oil Flow Range	gpm lpm	42 - 53 160 - 200	46 - 58 175 - 220	51 - 63 190 - 240	66 - 82 250 - 310	85 - 106 320 - 400	95 - 119 360 - 450	96 - 120 364 - 455
Operating Pressure	psi bar	2,700 186	2,700 186	2,700 186	2,700 186	2,700 186	2,700 186	2,700 186
Blow Rate	Long stroke	bpm	440 - 640	400 - 580	340 - 490	360 - 520	330 - 470	260 - 370
	Short stroke	bpm	560 - 810	540 - 780	470 - 670	480 - 690	430 - 620	320 - 410
Tool Diameter	in	5.5	6.0	6.3	6.7	7.1	7.9	8.7
	mm	140	150	160	170	180	200	220
Exposed Tool Length	in	25.0	26.2	29.3	30.3	31.9	36.6	36
	mm	635	665	745	770	810	930	913
Recommended Carrier Weight	lb	39,700 - 77,200	41,900 - 92,600	61,700 - 114,600	75,000 - 149,900	92,600 - 176,400	121,300 - 220,500	143,300 - 264,600
	m tonne	18 - 35	19 - 42	28 - 52	34 - 68	42 - 80	55 - 100	65 - 120
Remote Air Breather		Standard						
Remote Grease Connection		Standard						
Operator Controlled Two-Stroke		Standard						
Oil Regeneration		Standard						
Anti-Blank Fire Interlock		Standard						
Breaker Mounted Auto Grease System		Optional						
Carrier Mounted Auto Grease System		Optional						
Silenced Box Housing		Standard						
Extreme Duty Wear Resistant Kit		Optional						



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