

A COMPLETE ROCKBREAKING PACKAGE

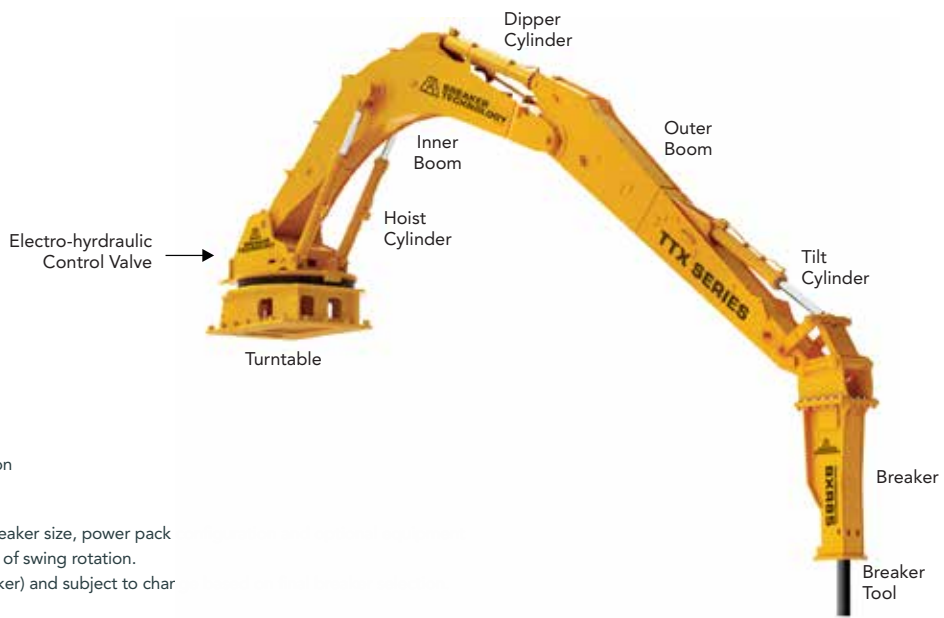
TTX SERIES SERIES ROCKBREAKER SYSTEMS

With its rugged, heavy-duty, swing-bearing design, the TTX Series Rockbreaker Systems are engineered for secondary breaking of oversize at large grizzlies and gyratory crushers under extreme conditions. This system is used in the toughest applications on hard rock where large coverage areas are required. The TTX Rockbreaker System carries a hydraulic rockbreaker range from a 5,000 to 10,000 ft-lb class, and offers a working range between 30 and 48 feet (9 to 15 meters). BTI Rockbreaker Systems are engineered for maximum life using finite element analysis software (FEA) in all raking and breaking functions.

APPLICATIONS:
 Grizzly // Gyratory



SPECS



BOOM SPECIFICATIONS

BOOM OPTIONS

- Pedestal to concrete foundation kit
- Pedestal to steel structure mounting kit
- Expander pins
- Cold weather conditioning package
- Cold weather grade steel plate construction

* Operating weight is dependent on final breaker size, power pack

**Dimensions based referenced from center of swing rotation.

**Dimensions nominal (based on BX65 breaker) and subject to char

MODEL		TTX SERIES				
		TTX30	TTX36	TTX40	TTX45	TTX48
Operating Weight Range (Complete System) *	LB	49,100 - 53,950	48,750 - 56,550	54,200 - 56,500	56,650 - 58,950	58,150 - 60,450
	KG	22,272 - 24,470	22,113 - 25,650	25,585 - 25,628	25,696 - 26,740	26,376 - 27,420
Base Dimensions	INCH	8'2" x 5'11"				
	M	2.5 x 1.8				
Vertical Breaker Reach Forward **	FT IN	30' 10"	35' 4"	38' 9"	43' 11"	47'
	M	9.1	10.8	14.2	14.4	14.3
Vertical Breaker Reach Down**	FT IN	26'	33' 4"	35' 3"	42' 6"	44'
	M	7.9	10.1	10.7	12.68	13.3
Maximum Reach Forward**	FT IN	40' 7"	45'	46' 9"	53' 9"	54' 10"
	M	12.3	13.7	14.2	16.3	16.7
Swing Rotation Angle	Degree	330° Indexable Turntable				
Recommended Breaker Range		BXR50 to BXR120	BXR50 to BXR100	BXR50 to BXR85		



Wear Bar Kit



Extreme Duty Kit



Side Mount



Quick Coupler



Bucket Attachment



Grapple Attachment

HYDRAULIC BREAKER SPECIFICATIONS

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- ⊕ Fully enclosed box housing; reduces vibration back the boom.
- ⊕ Anti blank fire interlock selector; reduces stress on breaker components

HYDRAULIC BREAKER OPTIONS

- ⊕ Side mounted breakers; allows operation in low head room
- ⊕ Wear bars and extreme duty kits; extend service life
- ⊕ Quick couplers and buckets; provides a painless attachment change out for cleaning of rock boxes
- ⊕ Grapple attachment
- ⊕ Magnet attachment

TOOLS

BTI offers a choice of tools and lengths for all breakers



MODEL	ENERGY CLASS	OPERATING WEIGHT	TOOL DIA.	BLOW RATE	FLOW RATE	OPERATING PRESSURE
BXR50	5,000 ft-lb (6 780 J)	4,200 lb (1 910 kg)	5.5" (140 mm)	440 - 640 bpm	42 - 53 gpm (160 - 200 lpm)	2,700 psi (186 bar)
BXR65	6,500 ft-lb (8 810 J)	4,860 lb (2 200 kg)	6.0" (150 mm)	400 - 580 bpm	46 - 58 gpm (175 - 220 lpm)	2,700 psi (186 bar)
BXR85	8,500 ft-lb (11 520 J)	6,500 lb (2 950 kg)	6.3" (160 mm)	340 - 490 bpm	51 - 63 gpm (190 - 240 lpm)	2,700 psi (186 bar)
BXR100	10,000 ft-lb (13 560 J)	7,800 lb (3 540 kg)	6.7" (170 mm)	360 - 520 bpm	62 - 82 gpm (250 - 310 lpm)	2,700 psi (186 bar)
BXR120	12,000 ft-lb (16 270 J)	9,200 lb (4 170 kg)	7.1" (180 mm)	330 - 470 bpm	85 - 106 gpm (320 - 400 lpm)	2,700 psi (186 bar)

Values based on flow rates from matching hydraulic power unit