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BTI BREAKER TECHNOLOGY
an Asteek Industries Co.



A COMPLETE ROCKBREAKING PACKAGE

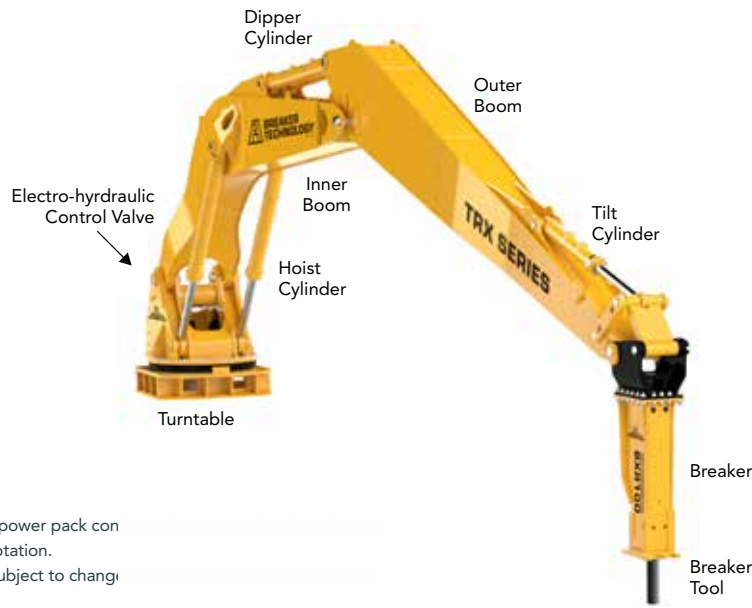
TRX SERIES SERIES ROCKBREAKER SYSTEMS

Standing at a maximum of over 25 feet tall and weighing over 100,000 pounds, The TRX Series Rockbreaker Systems are the world's largest rockbreaker for applications requiring high strength, reach, and power at gyratory crushers and grizzly sites. The rockbreaker's working range is 46 to 64 feet (14 to 20 meters) on a 330-degree swing turntable-style pedestal, offering maximum control of the boom for increased safety. The TRX Series is ideally suited for 8,500 ft-lb to 16,000 ft-lb (8 500 to 21 500 joules) hydraulic breakers. 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 con
 **Dimensions based referenced from center of swing rotation.
 **Dimensions nominal (based on BXR85 breaker) and subject to change

MODEL		TRX SERIES		
		TRX46	TRX52	TRX58
Operating Weight Range (Complete System) *	LB	90,000 - 94,000	94,000 - 98,000	99,000 - 103,500
	KG	40,823 - 42,637	42,637 - 44,452	44,905 - 46,947
Base Dimensions	INCH	7-7 x 7-7		
	M	2.3 x 2.3		
Vertical Breaker Reach Forward **	FT IN	45' 9"	52' 2"	53' 2"
	M	13.9	15.9	17.1
Vertical Breaker Reach Down**	FT IN	44' 11"	49' 2"	53' 9"
	M	13.6	14.9	16.4
Maximum Reach Forward**	FT IN	56' 2"	61' 8"	68'
	M	17.1	18.8	20.7
Swing Rotation Angle	Degree	330° Indexable Turntable		
Recommended Breaker Range		BXR85 to BXR160		



HYDRAULIC BREAKER SPECIFICATIONS

- ### HYDRAULIC BREAKER SPECIFICATIONS
- ⊕ 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
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)
BXR160	16,000 ft-lb (21 680 J)	12,100 lb (5 490 kg)	7.1" (180 mm)	260 - 370 bpm	95 - 119 gpm (360 - 450 lpm)	2,700 psi (186 bar)

Values based on flow rates from matching hydraulic power unit