



**BREAKER  
TECHNOLOGY,  
INC.**

an Astec company

# TT SERIES

## Stationary Rockbreakers

*BTI's TT Series of Stationary Rockbreakers are rugged, heavy duty turntable style hydraulic breaker systems, engineered for secondary breaking of oversize at grizzlies and gyratory crushers under extreme conditions. These systems are used in the toughest applications on hard rock or where large coverage areas are required.*

**THE WORLD'S  
BIGGEST  
ROCKBREAKER**



### **Features & Benefits**

#### **Unparalleled Reach**

of 30 to 45 feet, with 340 degree swing rotation.

#### **Large Boom Cylinders**

provide lifting capacity for hydraulic breakers ranging from the TB980XC to the TB2080XC.

#### **Heavy Duty Construction**

provides maximum endurance from side, bending and torsional loading inherent in raking and manipulating oversize, vibration and shock loads from the hydraulic breaker, and high loads induced by crusher "kickback".

#### **Versatile Multi-purpose Systems**

can be customized with an array of attachments such as quick couplers, grapples, crushers, pulverizers, rock buckets, clamshell buckets and wood pickers.

# TT Series Stationary Rockbreakers

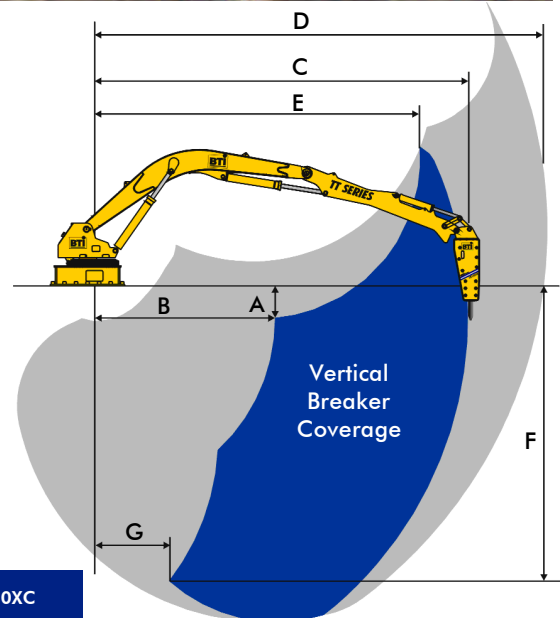


The TT Series systems are complete with Pedestal and Booms, Hydraulic Breaker with Moil, Blunt or Chisel Tool, Power Pack, Power Pack to pedestal hoses, immersion heater and electro-hydraulic remote joystick control system.

TT Series Specifications	TT30	TT40	TT45
<b>Breaker Model</b>			
TB980XC (4,500 ft-lb)	X	X	X
TB1280XC (5,500 ft-lb)	X	X	X
TB1680XC (7,500 ft-lb)	X	X	X
TB2080XC (10,000 ft-lb)	X		
<b>Swing Arc (degrees)</b>			
2 cylinders	170	170	170
2 motors	340	340	340
<b>Weight</b>			
lbs	41,000	44,000	46,000
kg	18,636	19,545	20,910
<b>Maximum lift capacity</b>			
lbs	16,472	17,500	15,214
kg	7,490	7,955	6,916

Nominal vertical reach, with Breaker vertical, is indicated by the model number.

All dimensions and specifications are approximate and subject to change without notice.



This chart includes some of the TT Series systems available. Contact your BTI representative for information on the model and options that will meet your specific application.

Breaker Specifications		TB980XC	TB1280XC	TB1680XC	TB2080XC
ft-lb class	ft-lbs	4,500	5,500	7,500	10,000
Operating Weight	lbs / kg	3,950 / 1,804	4,700 / 2,146	5,458 / 2,489	8,300 / 3,790
Flow Range	gpm / l/min	42-53 / 160-200	42-60 / 160-230	48-63 / 180-240	63-85 / 240-320
Pressure Range	psi / bar	2,030-2,755 / 140-190	2,030-2,755 / 140-190	2,030-2,755 / 140-190	2,030-2,755 / 140-190
Frequency Range	bpm	450-680	370-570	380-530	370-510
Overall Height	in / mm	110 / 2,793	112.5 / 2,856	118 / 3,011	130.4 / 3,311
Tool Diameter	in / mm	5.3 / 135	5.5 / 140	5.75 / 146	6.3 / 160
Working Length of Tool	in / mm	27.7 / 703	27 / 686	27 / 686	33.1 / 840
<b>CIMA Ratings</b>					
Impact Energy	ft-lbs / joules	2,640 / 3,579	3,459 / 4,691	4,217 / 5,719	5,338 / 7,306
Oil Flow	gpm / l/min	54 / 203	60 / 228	63 / 238	83 / 316
Pressure	psi / bar	2,784 / 192	2,769 / 191	2,710 / 187	2,650 / 183
Frequency	bpm	677	565	532	505
Power Pack	Model #	PP200-100	PP200-100	PP200-125	PP200-150

Power Pack Specifications: 3 phase, 440V-US, 575V-Cdn, 60 cycles per second, TEFC electric motor with reservoir, pressure and return line filters, variable displacement pump.

Power Pack	Power (hp)	Capacity (gal)
PP200-100	100	200
PP200-125	125	200
PP200-150	150	200

Approximate Working Ranges	TT30	TT40	TT45	
A	ft in	2' 8"	3' 3"	8' 8"
	mm	830	1001	2668
B	ft in	12' 0"	19' 6"	14' 0"
	mm	3646	5973	4274
C	ft in	31' 9"	40' 5"	45' 4"
	mm	9725	12332	13042
D	ft in	40' 3"	48' 9"	53' 7"
	mm	12275	14899	16364
E	ft in	23' 8"	35' 3"	39' 2"
	mm	7272	10746	11940
F	ft in	23' 6"	31' 8"	39' 0"
	mm	7177	9685	11891
G	ft in	5' 7"	8' 2"	9' 3"
	mm	1736	2482	2823

**Authorized Dealer**



[www.rockbreaker.com](http://www.rockbreaker.com)

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