

TT/TTX Series Stationary Rockbreakers

Breaker Specifications		BT910	TB980XC	BT1410	TB1280XC	BT1710	TB1680XC	BT2010	TB2080XC
ft lb class	ft-lbs	4,000	4,500	5,500	5,500	7,500	7,500	10,000	10,000
Frequency Range	bpm	330-530	475-731	300-400	470-610	280-400	455-560	250-320	450-550
Flow Range	gpm	34-45	45-57	42-58	50-65	48-66	55-65	66-85	75-92
	lpm	130-170	170-214	160-220	189-246	180-250	208-246	250-320	283-348
Pressure Range	psi	2,030-2,610	2,030-2,755	2,030-2,610	2,030-2,755	2,030-2,610	2,030-2,755	2,030-2,610	2,030-2,755
	bar	140-180	140-190	140-180	140-190	140-180	140-190	140-180	140-190
Operating Weight	lbs	3,969	4,164	4,851	4,917	6,240	5,776	8,159	8,326
	kg	1,800	1,888	2,200	2,230	2,830	2,620	3,700	3,776
Overall Height	in	109	110	117	113	130	119	135	130
	mm	2,776	2,793	2,962	2,856	3,296	3,011	3,439	3,311
Tool Diameter	in	5.3	5.3	5.7	5.5	5.9	5.75	6.5	6.3
	mm	135	135	145	140	150	146	165	160
Power Pack	gal / hp	200 / 100	200 / 100	200 / 100	200 / 100	200 / 125	200 / 125	200 / 150	200 / 150



Hydraulic Power Pack:

Tank and separate stand design; 200 US gallon (750 liter) Elevated reservoir c/w flooded inlet; 3 phase TEFC electric motor to meet most local voltage requirements; Swashplate piston pump, variable displacement, load sense control; Direct Drive pump through flex coupling; Suction strainer c/w oil shut-off control; Pressure filter c/w visual indicator; Return Filter c/w visual indicator; Oil level sight glass; Temperature indication; Clean-out cover; Drain; Low oil level shutdown interlock; power pack to pedestal hoses (10 ft).

Power packs are complete with oil coolers as standard equipment. The air over oil cooler is powered by a 1/2 hp 3 phase electric motor of the same voltage as the pump drive motor.



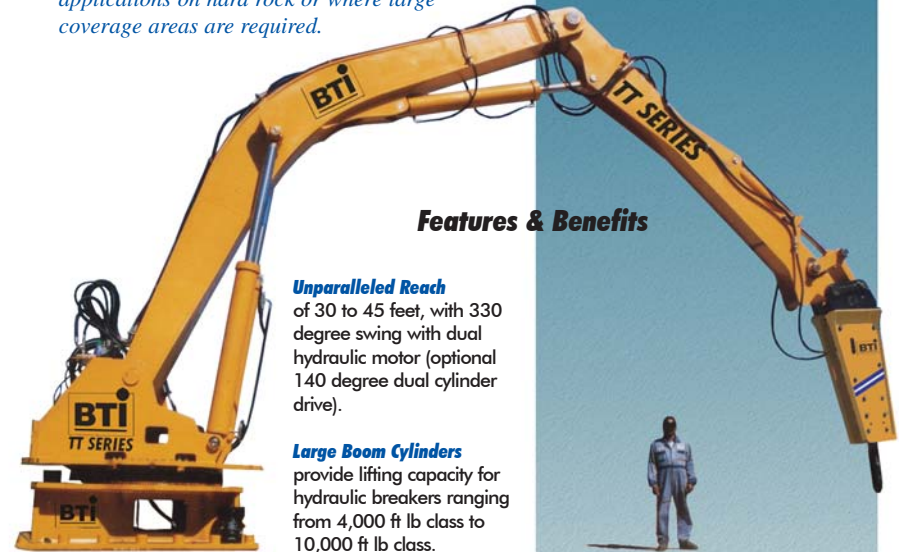
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TT/TTX Stationary Rockbreakers

BTI's TT/TTX Series of Stationary Rockbreakers are rugged, heavy duty swing bearing design 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.



Features & Benefits

Unparalleled Reach
 of 30 to 45 feet, with 330 degree swing with dual hydraulic motor (optional 140 degree dual cylinder drive).

Large Boom Cylinders
 provide lifting capacity for hydraulic breakers ranging from 4,000 ft lb class to 10,000 ft lb class.

Heavy Duty Construction

provides maximum endurance from side to 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.

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The TT/TTX Series systems are complete with Pedestal and Boom, Hydraulic Breaker with Moil, Blunt or Chisel Tool, Power Pack, Power Pack to pedestal hoses and an IQAN-CAN-BUS joystick control system complete with anti-blank and anti-lunge protection.

Systems are constructed from heavy duty all welded inner and outer boom sections, hoist, dipperstick and tilt cylinders.

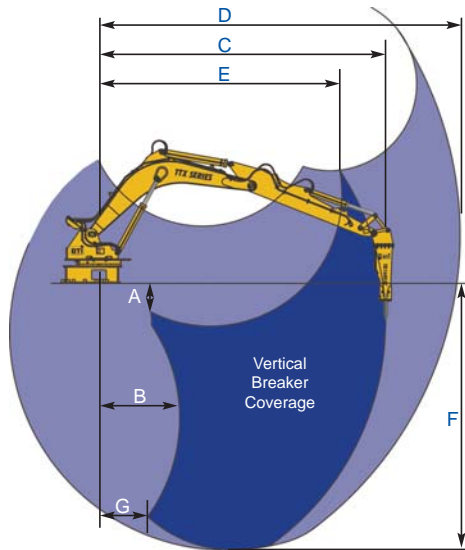
All systems undergo full load motion testing prior to delivery.



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

Nominal horizontal reach is indicated by the model number.

Approximate Working Ranges	TT30 TB1680	TTX36 TB1680	TTX40 TB1680	TTX45 TB1680
A	ft in 4' 0"	3' 7"	5' 9"	6' 5"
	mm 1,219	1,085	1,752	1,952
B	ft in 4' 9"	10' 0"	10' 0"	10' 9"
	mm 1,436	3,048	3,048	3,279
C	ft in 31' 1"	35' 10"	40' 7"	44' 11"
	mm 9,468	10,917	12,372	13,699
D	ft in 39' 5"	45' 2"	49' 5"	54' 0"
	mm 12,019	13,765	15,072	16,459
E	ft in 25' 7"	30' 0"	35' 6"	39' 6"
	mm 7,806	9,153	10,831	12,041
F	ft in 28' 8"	33' 4"	36' 7"	42' 0"
	mm 8,726	10,154	11,143	12,814
G	ft in 2' 3"	6' 1"	5' 11"	4' 11"
	mm 675	1,853	1,806	1,496



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



TT/TTX Series Specifications	TT30	TTX36	TTX40	TTX45	
Breaker Model					
BT910 (4,000 ft lb class)	X	X	X	X	
TB980XC (4,500 ft lb class)	X	X	X	X	
BT1410 (5,500 ft lb class)	X	X	X	X	
TB1280XC (5,500 ft lb class)	X	X	X	X	
BT1710 (7,500 ft lb class)	X	X	X	X	
TB1680XC (7,500 ft lb class)	X	X	X	X	
BT2010 (10,000 ft lb class)	X	X	X	X	
TB2080XC (10,000 ft lb class)	X	X	X	X	
Swing Arc					
Dual hydraulic motors - standard	330	330	330	330	
Dual cylinders - optional	140	140	140	140	
Weight					
	lbs	39,500	42,700	43,500	44,500
excluding breaker and power pack	kg	17,917	19,368	19,731	20,185
Maximum Lift Capacity					
at Boom Nose	kg	4,082	4,082	3,175	3,175

A greasing system is required with every TT/TTX Series system. Options include:

Hydraulic Auto Lubrication system for boom and breaker - run from power pack hydraulics
Pneumatic Auto Lubrication system for boom and breaker - requires outside air source

Both systems are of Centro-matic design complete with hydraulic pump to fit either a 120 lb or 55 kg grease container; regulation blocks for boom functions, installed; and separate electric driven 24 volt, 17 lb grease pump for breaker, installed.