

BTI RC Series Portable Breaker Systems

Breaker Technology's new RC Series of pedestal breakers. Specially designed for installation on portable crushing plants in limestone and recycle concrete applications. The low profile design puts the breaker coverage in the right area keeping the installation height under the transportation guidelines.



The BTI RC Series Features

Heavy Duty Construction

Engineered and built for the complex side, torsion and bending loads experienced in raking applications.

Personnel Safety

Operators handle bridging and oversize by remote control, eliminating the need to go near the feeder or crusher.

Increased Production

The continuous process of breaking and raking of materials into the primary and the breaking of oversize in the feeder or crusher reduces downtime and provides a steady flow of material for maximum production.

No Obligation Survey

BTI engineers are available to survey customer facilities and develop installation drawings to match your specific needs.



**BREAKER
TECHNOLOGY,
INC.**

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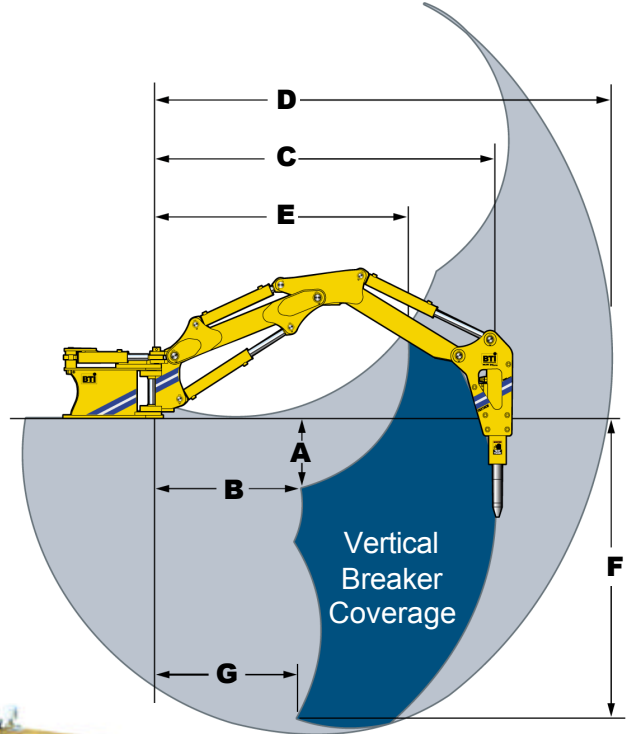


Boom Models - Approximate Working Ranges

Item	Unit	RC11			RC12			RC13			RC14		
		Breaker Models Available			Breaker Models Available			Breaker Models Available			Breaker Models Available		
		TB275SC	TB325SC	TB425SC	TB275SC	TB325SC	TB425SC	TB275SC	TB325SC	TB425SC	TB275SC	TB325SC	TB425SC
A	ft in	2' 0"	2' 3"	2' 8"	2' 9"	2' 11"	4' 11"	-0' 8"	0' 5"	0' 0"	0' 0"	0' 3"	0' 9"
	mm	610	686	813	838	889	1501	-203	127	5	12	86	218
B	ft in	4' 8"	4' 8"	4' 10"	4' 8"	4' 9"	4' 3"	4' 11"	5' 4"	5' 6"	5' 3"	5' 3"	5' 6"
	mm	1422	1422	1473	1422	1448	1287	1499	1623	1677	1612	1612	1666
C	ft in	10' 10"	10' 10"	10' 11"	11' 5"	11' 5"	11' 7"	13' 5"	13' 5"	13' 7"	14' 0"	14' 0"	14' 2"
	mm	3296	3296	3337	3477	3477	3519	4092	4092	4146	4256	4256	4310
D	ft in	14' 3"	14' 6"	14' 11"	14' 10"	15' 1"	15' 7"	16' 11"	17' 2"	17' 7"	17' 5"	17' 8"	18' 2"
	mm	4348	4419	4558	4528	4600	4738	5154	5226	5364	5320	5392	5530
E	ft in	8' 1"	8' 1"	8' 3"	8' 9"	8' 9"	8' 3"	9'	9' 1"	9' 3"	9' 9"	9' 10"	9' 11"
	mm	2464	2464	2508	2667	2667	2508	2743	2769	2819	2972	2997	3023
F	ft in	9' 3"	9' 6"	9' 11"	9' 10"	10' 1"	10' 6"	10' 10"	11' 1"	11' 6"	11' 5"	11' 8"	12' 1"
	mm	2821	2895	3026	2997	3070	3204	3296	3368	3500	3474	3546	3679
G	ft in	4' 6"	4' 6"	4' 8"	4' 2"	4' 2"	4' 3"	6' 11"	6' 11"	7' 1"	6' 7"	6' 7"	6' 9"
	mm	1382	1382	1423	1266	1266	1307	2115	2115	2169	1998	1998	2052

RC Boom Specifications		RC11	RC12	RC13	RC14
Nom. Horiz. Reach (w/ Breaker Vertical)	ft	11'	12'	13'	14'
	M	3.4	3.7	4.0	4.3
Swing Arc		+/- 85°	+/- 85°	+/- 85°	+/- 85°
Max. Lifting Capacity (at Boom Nose)	lbs	2,660	2,473	1,838	1,724
	kg	1,207	1,122	834	782
Weight (excl. Breaker & Power Pack)	lbs	2,752	2,792	2,877	2,917
	kg	1,248	1,266	1,305	1,323
Static Overturning Moment	ft-lbs	32,113	32,113	32,113	32,113
	N-M	43,539	43,539	43,539	43,539
Minimum Breaker Size		TB275	TB275	TB275	TB275
Maximum Breaker Size		TB425	TB425	TB425	TB425

Breaker Specifications		TB275SC	TB325SC	TB425SC
CIMA Impact Energy	ft-lbs	11'	11'	11'
	Joules	3.4	3.4	3.4
Operating Weight	lbs	+/- 85°	+/- 85°	+/- 85°
	kg	2,660	2,660	2,660
Flow Range	GPM	1,207	1,207	1,207
	l/min	2,752	2,752	2,752
Pressure Range	PSI	1,248	1,248	1,248
	Bar	32,113	32,113	32,113
Tool Diameter	in	43,539	43,539	43,539
	mm	TB275	TB275	TB275
Frequency Range	BPM	TB425	TB425	TB425



Light Weight Design

The light weight design reduces the mounting structure requirements and make for easier installation.

Power Pack

Power packs come complete with a pressurized tank, low oil switch, immersion heater and pressure and return filters.

Simplified Control Valve

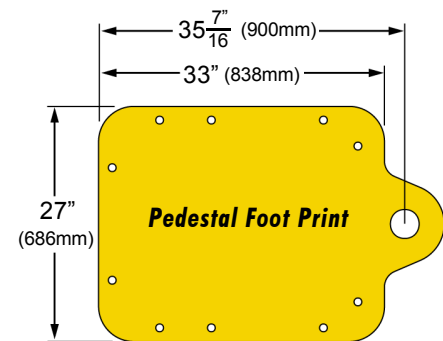
The simplified control valve provides the correct flow and pressure for each function and provide excellent control and maneuverability of the unit.

Swing Cylinder Mounting

The swing cylinders are mounted in-line with the inner boom section, stronger design eliminating torsional loading in the swing post.

Electro/Hydraulic Joysticks

A new lighter weight electro/hydraulic joystick control panel for operation in the control house or outside for greater visibility.



Other RC Features Include:

- Compact base size
- Oversize pins
- Oversize hold-down bolts
- Common sized cylinders

AUTHORIZED DEALER

