



**BREAKER
TECHNOLOGY,
INC.**

an Astec company

TC SERIES Hydraulic Compactors

The unique design of Breaker Technology's TC Series of hydraulic compactors delivers high impulse energy for greater compaction, and reduced maintenance and replacement costs for the rubber isolators. Three models satisfy a wide range of compaction applications and customer needs.

Features & Benefits

Swivel Top Mount

BTI's design incorporates a swivel top mount as standard equipment (TC91S & TC151S). The swivel mount can be locked in five different positions for controlled compaction or left to free float. The floating feature allows compaction of a larger area before repositioning the carrier.

Rubber Isolators

The TC91S and TC151S design places the rubber isolators in compression and not in shear. This helps resist the extreme downward force that can be exerted on the compactor which reduces energy loss while providing optimum dampening. The TC301 design incorporates traditional isolators providing optimum performance in larger applications.

Hydraulic Check Valve

The compactor motor is equipped with a cross over check valve, permitting the motor to slow down after the control has been switched off eliminating shock loading to the shaft.

Universal Adjustable Boss

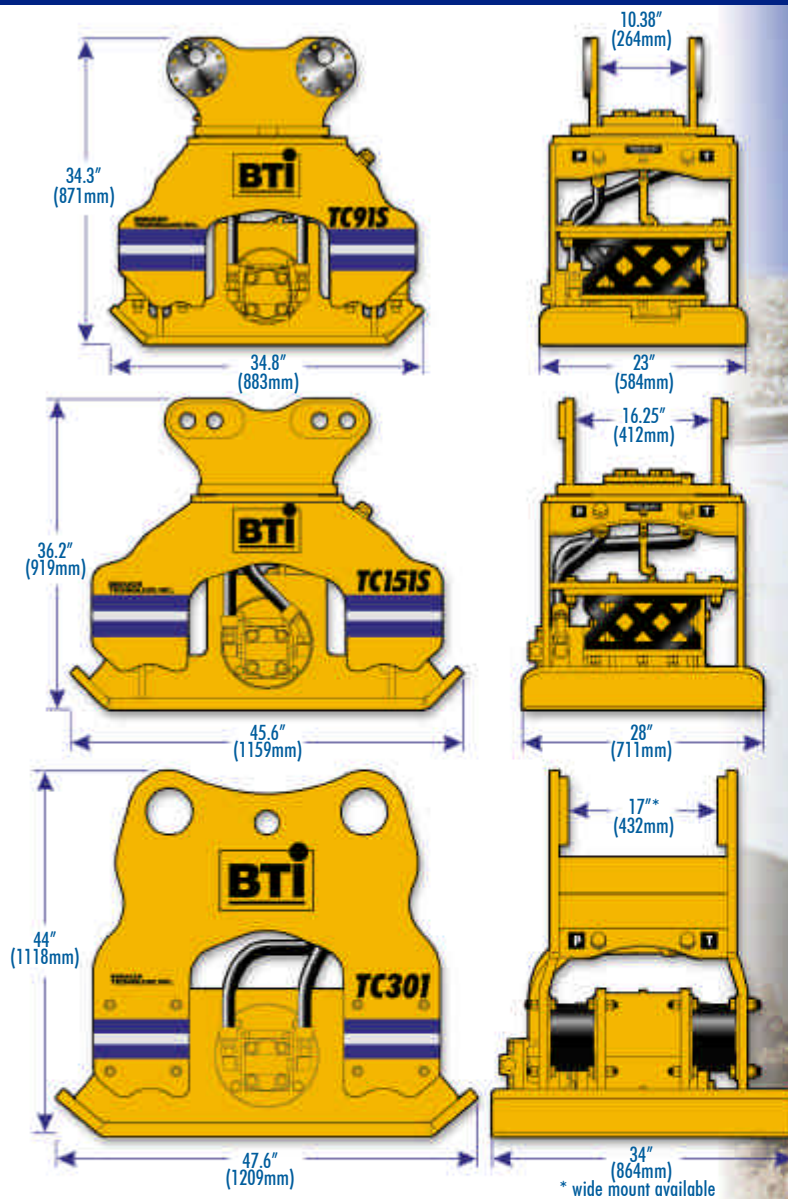
All TC91S compactors come standard with BTI's unique Adjustable Boss Mounting System allowing you to adjust the pin spacing to accommodate quick coupler installations on most common rubber tire backhoes.

Sealed Oil Bath Lubrication

Eliminates the need for routine greasing and provides a consistent lubrication leading to longer component life.



TC Series Compactors



General Specifications	Unit	TC91S	TC151S	TC151S High-Flow	TC301	TC301 High-Flow
Impulse Force	lb (kg)	5,000 - 8,200 (2,270 - 3,727)	11,120 - 16,610 (5,055 - 7,550)	11,120 - 16,610 (5,055 - 7,550)	16,300 - 24,300 (7,409 - 11,000)	16,300 - 24,300 (7,409 - 11,000)
Oil Flow Required	USgpm (l/min)	17 - 24 (68 - 91)	25 - 31 (95 - 117)	35 - 43 (132 - 163)	35 - 43 (132 - 163)	50 - 61 (189 - 231)
Cycles/Minute		1,659 - 2,200	1,800 - 2,200	1,800 - 2,200	1,800 - 2,200	1,800 - 2,200
Operating Pressure	psi (bar)	1,300 - 2,000 (88 - 136)	1,500 - 2,000 (102 - 136)	1,100 - 1,600 (75 - 109)	1,500 - 2,000 (102 - 136)	1,100 - 1,600 (75 - 109)
Base Plate Dimension	in (mm)	23 x 27 (584 x 686)	28 x 36.5 (711 x 927)	28 x 36.5 (711 x 927)	34 x 37 (864 x 940)	34 x 37 (864 x 940)
Compaction Area	sq.ft. (m ²)	4.3 (0.40)	7.1 (0.66)	7.1 (0.66)	8.74 (0.812)	8.74 (0.812)
Weight	lb (kg)	1,130 (514)	1,825 (830)	1,820 (832)	2,150 (978)	2,155 (980)
Swivel Rotation		180°	180°	180°	NA	NA
Locking Positions		90°, 45°, 0°, 45°, 90°	90°, 45°, 0°, 45°, 90°	90°, 45°, 0°, 45°, 90°	NA	NA
Carrier Range	lb (kg)	7,700 - 25,300 (3,500 - 11,500)	15,400 - 48,400 (7,000 - 22,000)	15,400 - 48,400 (7,000 - 22,000)	31,900 - 105,600 (14,500 - 48,000)	31,900 - 105,600 (14,500 - 48,000)

www.rockbreaker.com

Authorized Dealer



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