



**BREAKER
TECHNOLOGY,
INC.**

an Astec company

BT SERIES Hydraulic Breakers

BTI's BT Series of Hydraulic Breakers produces a high blow rate with powerful impact, providing exceptional value and durability for all construction, demolition and rockbreaking requirements.

Features & Benefits

Boxed Housing Design

The boxed section housing provides light weight, high strength construction. The upper and lower shock absorbing dampers reduce noise and vibration to the carrier.

Compressed polyurethane isolators suspend the breaker body on all sides, absorbing shock and protecting the carrier boom from recoil energy.

A unique front head restraint system reduces tie rod stress providing exceptional reliability.

Large Diameter Tie Rods

constructed of high tensile steel provide high strength.

Abrasion Resistant Steel

Standard rock claws and wear resistant steel surrounding the nose of the breaker provides exceptional wear properties.

Narrow Front Head

The narrow profile allows for trenching in confined spaces, as well as optimal visibility and access when working in tight quarters.

Pressure Balancing System

BTI's unique pressure balancing system eliminates the need for an accumulator on 3,000 ft lb class and lower hammers. The accumulator on the larger models aid with the acceleration of the piston and reduce hydraulic shock to the carrier.

Underwater Operation Port

BT1000 and larger breakers are equipped with remote air porting for underwater operation.

Protected Auto Grease Port

Models BT1000 and larger include remote-mounted grease porting located on the upper portion of the breaker, providing a protected interface for optional auto grease systems.



BT Series Hydraulic Breakers



Specifications		BT550	BT750	BT1000	BT1400	BT2000	BT3500	BT4000	BT5500	BT8000	BT10000
Breaker Class	ft-lb	550	750	1,000	1,400	2,000	3,500	4,000	5,500	8,000	10,000
	joules	746	1,017	1,356	1,898	2,712	4,745	5,423	7,457	10,847	13,558
Operating Weight	lbs	463	662	948	1,213	2,095	2,867	4,441	5,493	7,012	9,233
	kg	210	300	430	550	950	1,300	2,015	2,492	3,181	4,188
Overall Length	inches	55	64	71	79	90	100	111	117	128	144
	mm	1,390	1,633	1,804	2,001	2,295	2,535	2,826	2,978	3,245	3,659
Tool Diameter	inches	2.4	2.8	3.1	3.4	4.1	4.7	5.3	5.7	5.9	6.5
	mm	62	70	78	85	105	120	135	145	150	165
Working Pressure Range	psi	1,450-1,740	1,450-2,031	1,450-2,031	1,450-2,031	1,740-2,321	1,740-2,466	2,031-2,611	2,031-2,611	2,031-2,611	2,031-2,611
	bar	100-120	100-140	100-140	100-140	120-160	120-170	140-180	140-180	140-180	140-180
Oil Flow Range	gpm	8-13	8-15	12-21	13-26	24-29	26-37	34-45	42-58	48-66	66-85
	lpm	30-50	30-55	45-80	50-100	90-110	100-140	130-170	160-220	180-250	250-320
Blow Rate Range	bpm	400-1,000	390-1,000	450-1,000	400-840	350-600	400-600	330-530	300-400	280-400	250-320
Suitable Carrier Range	min. lbs	7,000	7,000	11,000	13,000	22,000	35,000	37,000	49,000	62,000	88,000
	max.	13,000	18,000	22,000	26,000	44,000	55,000	66,000	84,000	99,000	132,000
	min. kg	3,000	3,000	5,000	6,000	10,000	16,000	18,000	22,000	28,000	40,000
	max. kg	6,000	8,000	10,000	12,000	20,000	25,000	30,000	38,000	45,000	60,000

All dimensions and specifications are approximate and subject to change



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BREAKER TECHNOLOGY an Astec Industries Company



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