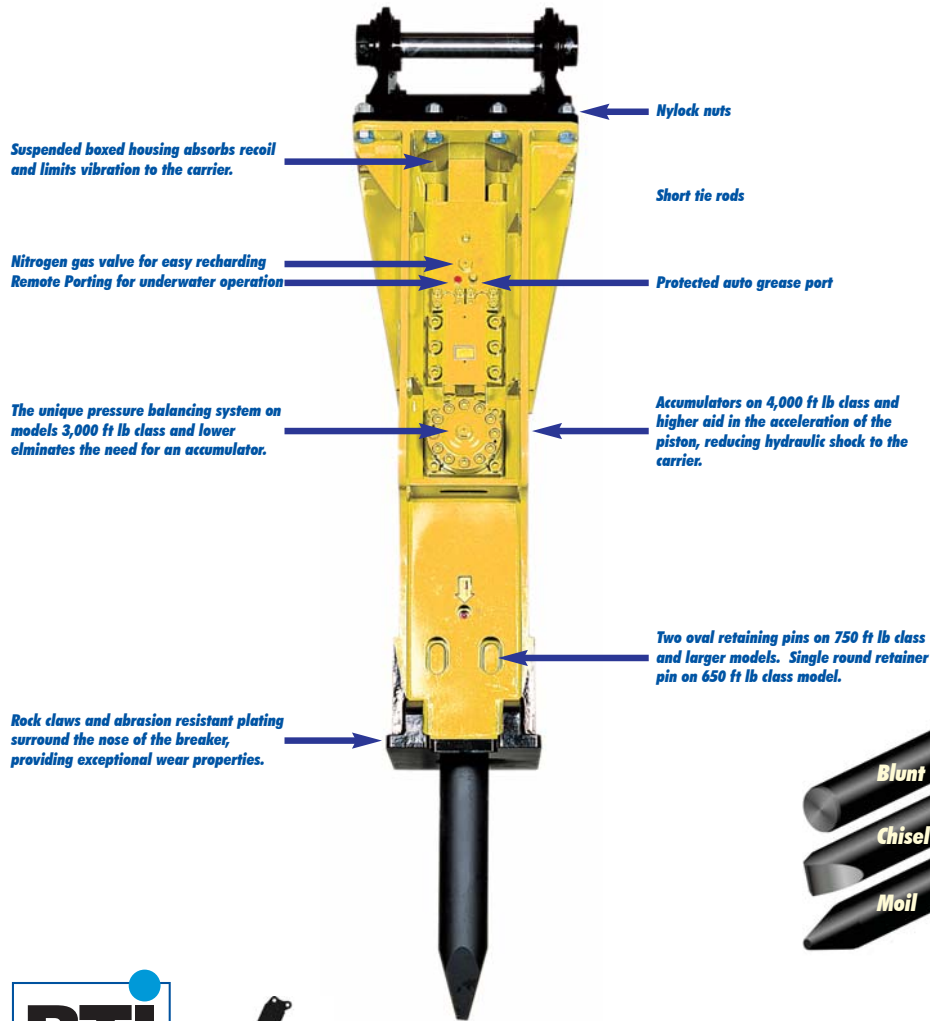


BT Series Hydraulic Breakers



BREAKER TECHNOLOGY an Astec Industries Company



UNITED STATES EAST 440.248.7168 • UNITED STATES WEST 951.369.0878 • CANADA/INTERNATIONAL 519.599.2015 • rockbreaker.com



BT SERIES Hydraulic Breakers

The design of BTI's Series of Hydraulic Breakers produce stable high-speed percussion, and exceptional value and durability for all construction, demolition and rockbreaking requirements.

Features and 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.

Abrasion Resistant Plating

Standard rock claws and wear resistant plating surrounding the nose of the breaker provide 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

BT410 (1,000 ft lb class) and larger breakers are equipped with remote air porting for under water operation.

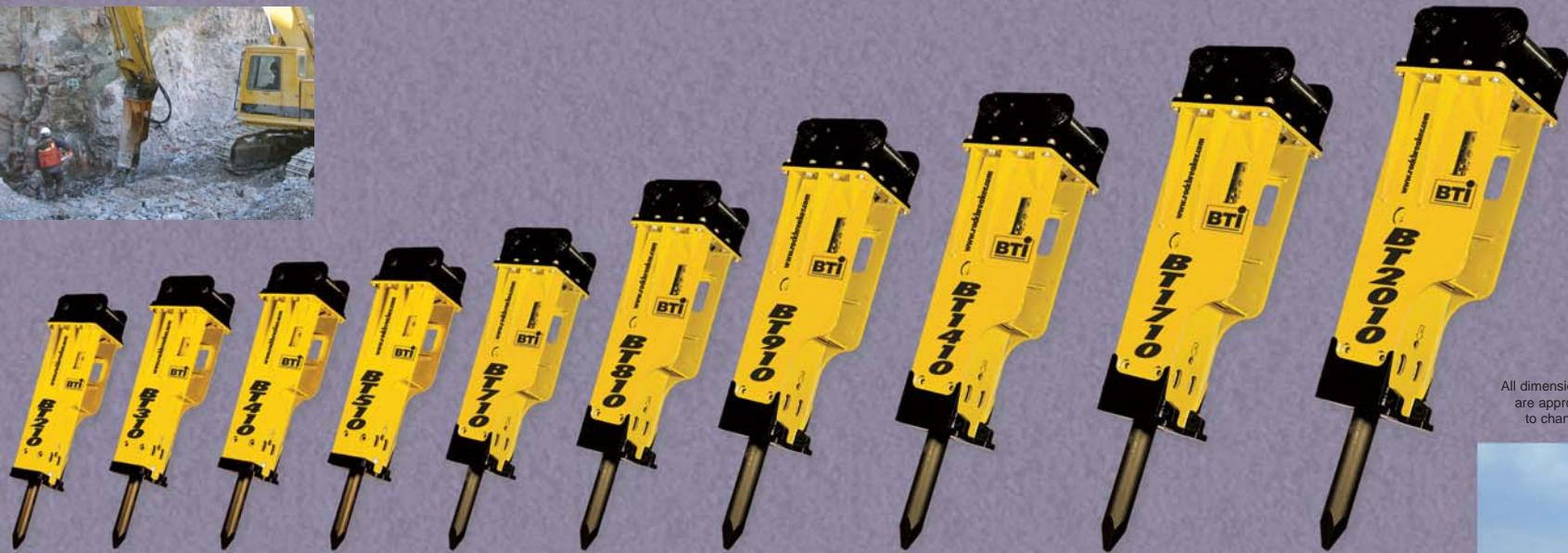
Protected Auto Grease Port

Models BT410 and larger include remote-mounted grease porting located on the upper portion of the breaker, providing a protected interface for optional auto grease systems.



1026E-ENG-0606

BT Series Hydraulic Breakers



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



Specifications		BT210	BT310	BT410	BT510	BT710	BT810	BT910	BT1410	BT1710	BT2010
Breaker Class	ft-lb	650	750	1,000	1,350	2,000	3,000	4,000	5,500	7,500	10,000
	joules	881	1,016	1,355	1,829	2,710	4,065	5,420	7,453	10,163	13,550
Operating Weight	lbs	463	662	948	1,213	1,985	2,867	3,969	4,851	6,240	8,159
	kg	210	300	430	550	900	1,300	1,800	2,200	2,830	3,700
Overall Length	inches	56	66	73	80	92	101	109	117	130	135
	mm	1,418	1,666	1,853	2,043	2,327	2,568	2,776	2,962	3,296	3,439
Tool Diameter	inches	2.4	2.8	3.1	3.3	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	1,450-2,175	1,450-2,030	1,450-2,030	1,450-2,030	1,740-2,320	1,740-2,465	2,030-2,610	2,030-2,610	2,030-2,610	2,030-2,610
	bar	100-150	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	398-840	350-600	400-600	330-530	300-400	280-400	250-320
Suitable Carrier Range	min. lbs	4,410	6,615	11,025	13,230	22,050	35,280	36,690	48,510	61,740	88,200
	max. lbs	13,230	17,640	20,948	23,153	35,942	48,510	61,740	72,765	83,790	125,024
	min. kg	2,000	3,000	5,000	6,000	10,000	16,000	18,000	22,000	28,000	40,000
	max. kg	6,000	8,000	9,500	10,500	16,300	22,000	28,000	33,000	38,000	56,700