



**BREAKER
TECHNOLOGY,
INC.**

an Astec company

TB-XC SERIES Hydraulic Breakers

BTI's TB-XC Series of Hydraulic Breakers offer new benefits, while retaining the time proven features of only 2 moving parts and no accumulators.

Features & Benefits

Narrow Front Head

allows for trenching in confined spaces. The narrow profile allows optimum visibility and access when working in tight quarters.

Exceptional Structural Integrity

Boxed section housing provides excellent strength while remaining lightweight.

Suspended Boxed Housing Design

reduces noise and vibration to the carrier.

Compressed Polyurethane Isolators

suspend the breaker body on all sides, absorbing and protecting the carrier boom from recoil energy. This feature provides the unique benefit of preventing tie rod strain during blank firing.

Abrasion Resistant Plating

surrounds the nose of the breaker, contributing to long life.

Front Head Support

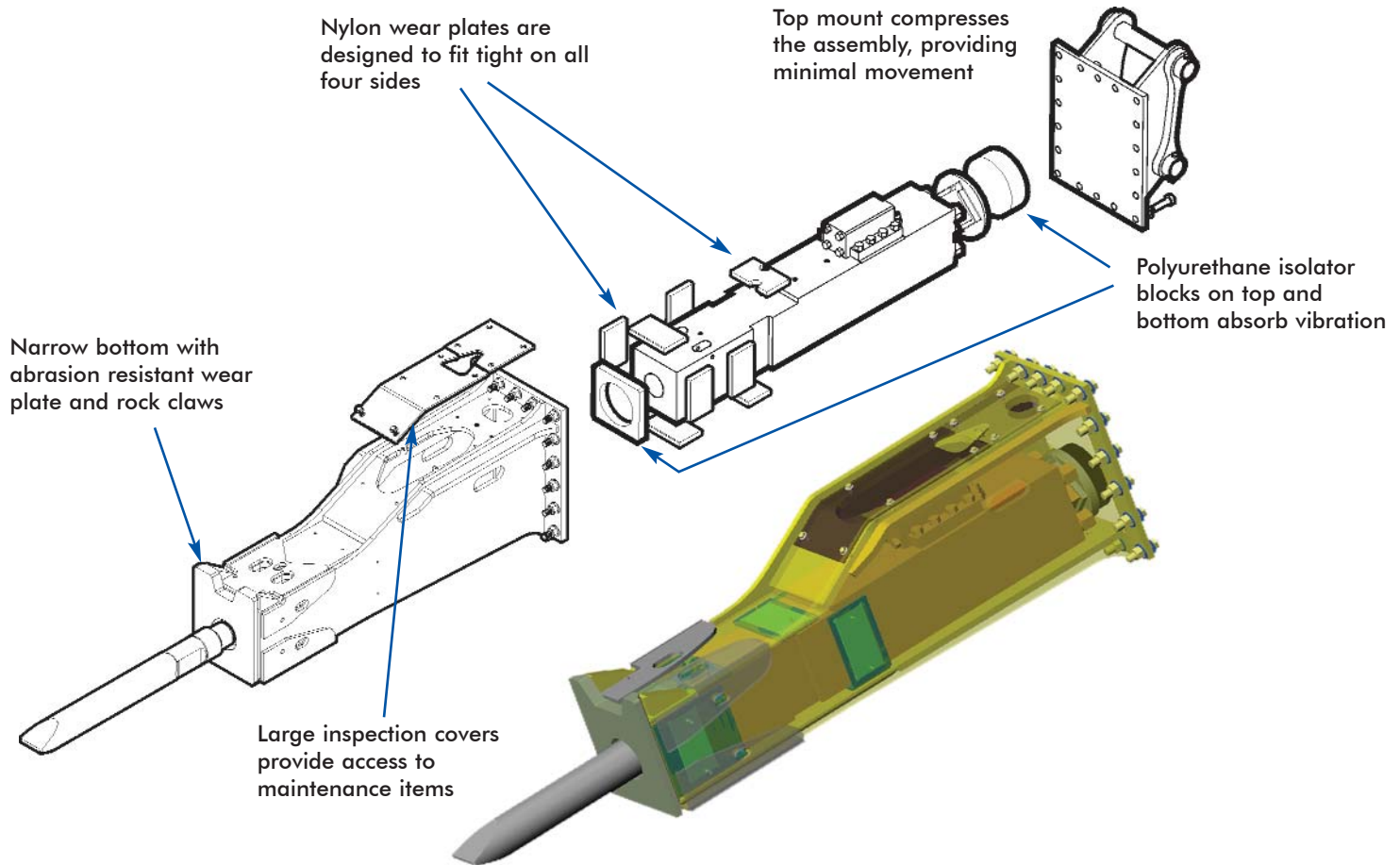
allows minimal movement, leaving cylinder and gas head free without stressing the tie rods.



Optional cast abrasion strips and wear resistant plate can be ordered with a new unit or applied to working units in the field.

These features provide exceptional wear properties in extreme hard rock applications.

TB-XC Series Hydraulic Breakers



Breaker Specifications		TB425XC	TB625XC	TB725XC	TB830XC	TB980XC	TB1280XC	TB1680XC	TB2080XC	TB2580XC
ft-lb class	ft-lbs	1,100	1,500	2,000	3,000	4,500	5,500	7,500	10,000	13,500
Operating Weight	lbs	1,295	1,832	2,441	2,771	4,164	4,917	5,776	8,326	10,195
	kg	587	831	1,107	1,257	1,888	2,230	2,620	3,776	4,624
Flow Range	gpm	16-23	21-29	25-31	32-40	45-57	50-65	55-65	75-92	90-110
	l/min	60-86	79-110	94-118	121-150	170-214	189-246	208-246	283-348	340-417
Pressure Range	psi	1,450-2,320	1,450-2,320	1,885-2,680	1,740-2,540	2,030-2,755	2,030-2,755	2,030-2,755	2,030-2,755	2,030-2,755
	bar	100-160	100-160	130-185	120-175	140-190	140-190	140-190	140-190	140-190
Frequency Range	bpm	780-1,140	670-950	640-825	587-728	475-731	470-610	455-560	450-550	435-533
Overall Height	in	71	78.6	89.6	92.2	110	112.5	118.6	130.4	142
	mm	1,803	1,996	2,275	2,341	2,793	2,856	3,011	3,311	3,605
Tool Diameter	in	3.75	3.75	4.5	4.5	5.3	5.5	5.75	6.3	7.0
	mm	95	95	115	115	135	140	146	160	175
Working Length of Tool	in	19.2	18.4	20.7	20.2	24.6	24.6	24	26.3	31.2
	mm	488	467	526	513	625	625	610	668	792
Recommended Carrier Weight	lbs	13-25,000	18-40,000	22-44,000	26-60,000	40-80,000	42-90,000	55-106,000	75-140,000	99-180,000
	kg	5.9-11,300	8.6-18,100	10-20,000	11.8-27,200	17.2-40,000	19-43,000	25-48,000	34-68,000	44.8-81,720
AEM (CIMA) Ratings										
Impact Energy	ft-lbs	509	817	1,108	1,635	2,640	3,459	4,217	5,338	Pending
	joules	690	1,108	1,502	2,217	3,579	4,691	5,719	7,306	Pending
Oil Flow	gpm	21	26	29	37	54	60	63	83	Pending
	l/min	80	99	111	141	203	228	238	316	Pending
Pressure	psi	2,262	2,349	2,668	2,523	2,784	2,769	2,710	2,650	Pending
	bar	156	162	184	174	192	191	187	183	Pending
Frequency	bpm	1,043	899	744	682	677	565	532	505	Pending

Flow and pressure ranges are for standard nitrogen pressure settings only.
Please consult factory for flow and pressure ranges at non-standard nitrogen pressure settings.



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

