

# Breaker Specifications

	Ft. lb. Class	Operating Weight		Flow Range		Pressure Range		Frequency Range	
		ft. lbs	lbs	kg	gpm	l/min	psi	bar	bpm
<b>SMALL</b>	<b>TB135ME</b>	350	240	110	5-9	20-35	1,138-2,133	78-147	600-1,150
	<b>TB235ME</b>	550	405	185	7-12	25-45	1,400-2,150	98-147	550-1,000
	<b>TB285ME</b>	750	460	210	8-14	30-55	1,400-2,275	98-156	580-1,060
	<b>TB285QA</b>	750	495	225	8-14	30-55	1,400-2,275	98-156	580-1,060
<b>MEDIUM</b>	<b>TB335ME</b>	850	570	260	9-16	35-60	1,400-2,275	98-156	550-1,000
	<b>TB335QA</b>	850	605	275	9-16	35-60	1,400-2,275	98-156	550-1,000
	<b>TB335X</b>	850	735	334	9-16	35-60	1,400-2,275	98-156	550-1,000
	<b>TB425ME</b>	1,100	750	340	12-21	45-80	1,450-2,320	100-160	550-1,050
	<b>TB425QA</b>	1,100	820	372	12-21	45-80	1,450-2,320	100-160	550-1,050
	<b>TB425X</b>	1,100	996	452	12-21	45-80	1,450-2,320	100-160	550-1,050
	<b>TB625QA</b>	1,500	1,300	590	18-26	70-100	1,450-2,320	100-160	600-900
	<b>TB625X</b>	1,500	1,580	718	18-26	70-100	1,450-2,320	100-160	600-900
<b>LARGE</b>	<b>TB725QA</b>	2,000	1,850	840	18-29	70-110	1,885-2,680	130-185	450-750
	<b>TB725X</b>	2,000	2,350	1,070	18-29	70-110	1,885-2,680	130-185	450-750
	<b>TB830X</b>	3,000	2,490	1,130	26-37	100-140	1,740-2,540	120-175	430-680
	<b>TB980X</b>	4,500	4,100	1,865	42-53	160-200	2,030-2,755	140-190	450-680
	<b>TB1280X</b>	5,500	4,750	2,160	42-60	160-230	2,030-2,755	140-190	370-570
	<b>TB1680X</b>	7,500	5,635	2,560	48-63	180-240	2,030-2,755	140-190	380-530
<b>TB2080X</b>	10,000	8,050	3,660	63-85	240-320	2,030-2,755	140-190	370-510	
<b>TB2580X</b>	13,500	10,870	4,940	74-103	280-390	2,030-2,755	140-190	390-500	

# CIMA Ratings

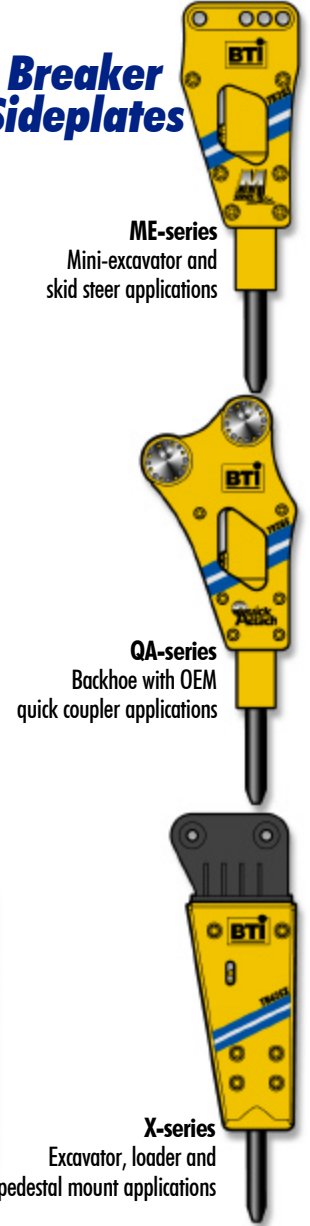
	CIMA Impact Energy		Oil Flow		Pressure		Frequency	
	ft. lbs.	Joules	gpm	l/min	psi	bar	bpm	
<b>SMALL</b>	<b>TB135ME</b>	170	230	9	35	2,146	148	1,040
	<b>TB235ME</b>	237	321	12	45	2,248	155	1,099
	<b>TB285ME</b>	335	455	14	53	2,175	150	983
	<b>TB285QA</b>	335	455	14	53	2,175	150	983
	<b>TB335ME</b>	365	495	15	58	2,320	160	1,063
	<b>TB335QA</b>	365	495	15	58	2,320	160	1,063
<b>MEDIUM</b>	<b>TB335X</b>	365	495	15	58	2,320	160	1,063
	<b>TB425ME</b>	509	690	21	80	2,262	156	1,043
	<b>TB425QA</b>	509	690	21	80	2,262	156	1,043
	<b>TB425X</b>	509	690	21	80	2,262	156	1,043
	<b>TB625QA</b>	817	1,108	26	99	2,349	162	899
	<b>TB625X</b>	817	1,108	26	99	2,349	162	899
	<b>TB725QA</b>	1,108	1,502	29	111	2,668	184	744
	<b>TB725X</b>	1,108	1,502	29	111	2,668	184	744
<b>LARGE</b>	<b>TB830X</b>	1,635	2,217	37	141	2,523	174	682
	<b>TB980X</b>	2,640	3,579	54	203	2,784	192	677
	<b>TB1280X</b>	3,459	4,691	60	228	2,769	191	565
	<b>TB1680X</b>	4,217	5,719	63	238	2,710	187	532
	<b>TB2080X</b>	5,338	7,306	83	316	2,650	183	505
	<b>TB2580</b>	Pending	Pending	Pending	Pending	Pending	Pending	Pending



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	Overall Height		Tool Diameter		Working Length of Tool		Recommended Carrier Weight		
	in	mm	in	mm	in	mm	lbs	kg	
<b>SMALL</b>	<b>TB135ME</b>	44.5	1,130	2	50	11.5	292	2,000-8,000	900-3,600
	<b>TB235ME</b>	50.3	1,277	2.3	58	13.2	336	3,300-13,250	1,500-6,000
	<b>TB285ME</b>	54.2	1,378	2.5	64	13.2	336	5,000-16,000	2,270-7,200
	<b>TB285QA</b>	60.5	1,537	2.5	64	13.2	336	6,000-17,500	2,700-7,950
<b>MEDIUM</b>	<b>TB335ME</b>	57.3	1,455	3	75	16	406	8,000-20,000	3,600-9,100
	<b>TB335QA</b>	64.4	1,635	3	75	16	406	8,000-20,000	3,600-9,100
	<b>TB335X</b>	66.96	1,700	3	75	15.9	403	9,000-22,000	4,090-10,000
	<b>TB425ME</b>	65.5	1,664	3.75	95	18.3	465	11,000-22,000	5,000-10,000
	<b>TB425QA</b>	72	1,829	3.75	95	18.3	465	11,000-22,000	5,000-10,000
	<b>TB425X</b>	71.9	1,826	3.75	95	18.2	462	13,000-25,000	5,900-11,300
	<b>TB625QA</b>	75.2	1,910	3.75	95	18.5	470	13,500-26,000	6,100-11,800
	<b>TB625X</b>	82.7	2,101	3.75	95	18.4	468	18,000-40,000	8,600-18,100
<b>LARGE</b>	<b>TB725QA</b>	80	2,032	4.5	115	22.2	564	18,000-33,000	7,300-15,000
	<b>TB725X</b>	93.7	2,380	4.5	115	22.1	561	22,000-44,000	10,000-20,000
	<b>TB830X</b>	94.2	2,393	4.5	115	17.9	455	26,000-60,000	11,800-27,200
	<b>TB980X</b>	113.9	2,893	5.3	135	24.1	612	40,000-80,000	17,200-40,000
	<b>TB1280X</b>	117.4	2,982	5.5	140	24.5	622	42,000-90,000	19,000-43,000
	<b>TB1680X</b>	122	3,099	5.75	146	24.1	612	55,000-106,000	25,000-48,000
<b>TB2080X</b>	139.1	3,533	6.3	160	27.9	709	75,000-140,000	34,000-68,000	
<b>TB2580X</b>	152.4	3,871	7	175	31.9	810	99,000-180,000	44,840-81,720	

# Breaker Sideplates



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