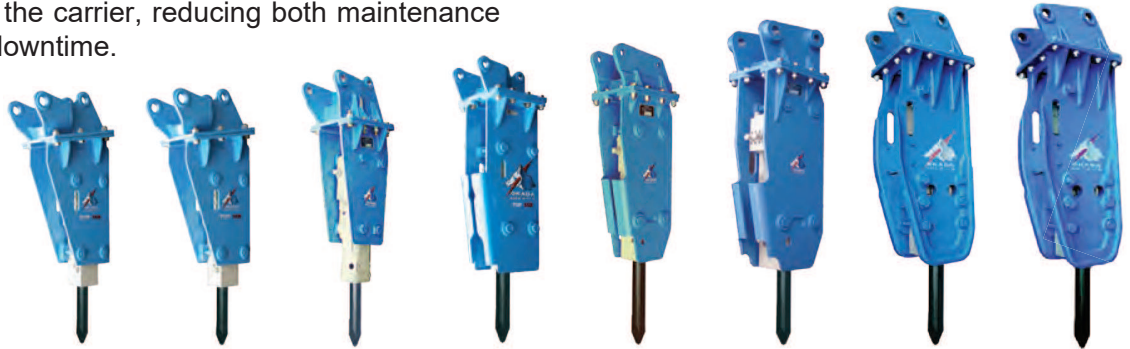




TOP SERIES

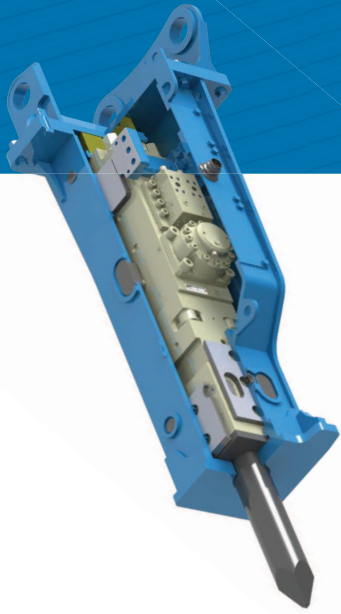
Advanced OKADA technology eliminates the need for an accumulator without affecting the hydraulic apparatus on the carrier, reducing both maintenance costs and downtime.



	MODELS	TOP31	TOP35B	TOP45C	TOP55B	TOP60CX	TOP90	TOP100A	TOP150
INFORMATION									
Carrier Class	lbs (1000)	3.3 - 8.8	4.4 - 8.8	10 - 18	10 - 18	12 - 20	15 - 26	22 - 42	28 - 42
	m ton	1.5 - 4	2 - 4	4.5 - 8	4.5 - 8	5 - 9	10 - 12	10 - 18	13 - 19
Impact Energy Class	ft lb	375	550	850	1000	1500	1750	2500	3000
	Joules	509	746	1153	1356	2034	2373	3390	4068
Operating Weight	lb	386	565	717	1060	1347	1450	2440	3000
	kg	175	256	325	481	611	658	1107	1361
Unit Working Length	inch	55	61	63	72	81	84	88	94
	cm	140	155	160	183	206	213	224	239
Tool Diameter	inch	2.24	2.4	2.68	2.9	3.35	3.9	4.3	4.8
	mm	57	61	68	74	85	99	109	122
Tool Working Length	inch	14.5	14.6	16.1	19.4	21.2	21.9	23.4	24
	mm	368	371	409	493	538	556	594	610
Frequency	L Model bpm	450 - 1000	380 - 1000	380 - 900	400 - 1100	350 - 700	550 - 850	550 - 710	600 - 750
	S Model bpm	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ENERGY									
Mechanical Energy	hp	7 - 18	14 - 28	17 - 35	22 - 39	20 - 37	30 - 56	40 - 63	42 - 63
	kW	5.2 - 13.5	11 - 21	13 - 26	17 - 29	15 - 27	23 - 42	30 - 47	31 - 47
Mechanical Energy Average	hp	12.5	21	26	30.5	28.5	43	51.5	52.5
	kW	9	16	19	23	21	32	48	39
HYDRAULICS									
Oil Flow Range	gpm	7 - 15	13-17	14 - 20	15 - 23	16 - 26	22 - 31	29- 35	30 - 35
	lpm	25 - 56	49 - 64	53 - 75	56 - 87	60 - 98	83 - 117	110 - 132	113 - 132
Operating Pressure	psi	1450 - 2030	1600 - 2400	1740 - 2400	2030 - 2465	1990 - 2418	2030 - 2610	2030 - 2610	2030 - 2610
	bar	100 - 140	110 - 165	120 - 165	140 - 170	137 - 167	140 - 180	140 - 180	140 - 180

- 1) Oil flow at no load.
- 2) Specifications are subject to change without prior notice.

BREAKERS



		<i>MODELS</i>	<i>TOP205J</i>	<i>TOP270B</i>	<i>TOP300J</i>	<i>TOP350J</i>	<i>TOP400J</i>	<i>TOP800</i>	<i>TOP1000J</i>
INFORMATION									
Carrier Class	lbs (1000)	40 - 57	44 - 66	53 - 79	62 - 99	88 - 132	132 - 176	165 - 265	
	m ton	18 - 26	20 - 30	24 - 36	28 - 45	40 - 60	60 - 80	75 - 120	
Impact Energy Class	ft lb	4000	5500	7500	9000	12000	15000	17000	
	Joules	5424	7458	10170	12204	16272	20340	23052	
Operating Weight	lb	3968	5380	5952	6945	9350	12350	15763	
	kg	1800	2440	2700	3150	4241	5601	7150	
Unit Working Length	inch	103	114	114	126	145	160	177	
	cm	262	290	290	320	368	406	450	
Tool Diameter	inch	5.3	5.5	5.9	6.1	6.7	7.4	8.3	
	mm	135	140	150	155	170	188	210	
Tool Working Length	inch	27.5	28.7	32.5	32.6	36.8	40.5	36	
	mm	699	730	826	828	935	1029	915	
Frequency	L Model bpm	360 - 430	400 - 500	370 - 420	300 - 350	250 - 320	260 - 360	200 - 280	
	S Model bpm	500 - 560	600 - 700	450 - 530	n/a	n/a	n/a	n/a	
ENERGY									
Mechanical Energy	hp	60 - 95	60 - 105	66 - 113	88 - 130	103 - 167	108 - 182	156 - 219	
	kW	45 - 71	45 - 78	49 - 84	66 - 97	77 - 125	80 - 135	116 - 163	
Mechanical Energy Average	hp	78	82.5	89.5	109	135	145	188	
	kW	58	62	67	81	101	108	140	
HYDRAULICS									
Oil Flow Range	gpm	42 - 53	47 - 63	58 - 74	74 - 82	82 - 95	79 - 101	111 - 132	
	lpm	159 - 200	178 - 238	220 - 280	280 - 310	310 - 360	300 - 382	420 - 500	
Operating Pressure	psi	2030 - 2610	2180 - 2610	2320 - 2465	2320 - 2610	2320 - 2610	1990 - 2610	2610 - 3050	
	bar	140 - 180	150 - 180	160 - 170	160 - 180	160 - 180	137 - 180	180 - 210	

- 1) The TOP205J, TOP270B and TOP300J models have a two-speed feature. The L- mode frequency is the normal mode.
- 2) Oil flow at no load.
- 3) Specifications are subject to change without prior notice.