

Your Local Okada Dealer



ORV SERIES HYDRAULIC BREAKERS

COUNT ON OKADA.



Since 1995, Okada America, Inc. has been offering a wide variety of attachments through its parent company, Okada Aiyon located in Osaka, Japan.

Okada Aiyon was established in 1938 manufacturing a single line of breakers that has evolved into a global company producing a full line of demolition attachments.

The Okada family remains active in daily operations, still demands precision engineering with stringent quality control that ensures long product life and consistent quality output. These proven manufacturing guidelines are what drives Okada to become the global industry leader for hydraulic attachments.



OREGON

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HYDRAULIC BREAKER

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ORV Series hydraulic breakers are the result of decades of field experience and Okada's long-standing record of leadership in the industry. Thirteen models of ORV hydraulic breakers provide a broad range of solutions for your skid steer loaders, compact excavators, tractor loader backhoes and excavators.

SPECIFICATIONS

FEATURES

PISTON



SHANK BUSHING



FRONT CAP BUSHING



VALVE



ACCUMULATOR



OVAL CHISEL PIN



	MODEL	250LT	250H	405H	550H	800SH	1100H	1500H	2500H	3000H	4000H	5000H	7500H	10000H	12000H
INFORMATION															
Carrier Class	1000 lb	1.6 - 5	2.2 - 5	3.3 - 8.8	6.6 - 14.2	10 - 18	10 - 18	13 - 22	22 - 34	28 - 40	38 - 54	44 - 66	60 - 92	76 - 132	99 - 176
	m ton	.7 - 2.3	1 - 2.3	1.5 - 4	3 - 6.4	4.5 - 8	4.5 - 8	6 - 10	10 - 15	13 - 18	17 - 25	20 - 30	27 - 42	35 - 60	45 - 80
Impact Energy Class	ft lb	150	225	375	550	850	1100	1500	2500	3000	4000	5000	7500	10000	12500
	Joules	203	305	509	746	1153	1492	2034	3390	4068	5424	6780	10170	13560	16950
Operating Weight	lb	195	265	413	575	730	1118	1667	1990	2550	3500	4400	5950	8400	9921
	kg	88	120	187	261	331	507	756	902	1156	1587	1995	2698	3810	4499
Unit Working Length	inch	48	48	55	62	63	75	83	89	91	103	114	124	141	142
	cm	122	122	139	157	160	190	212	226	231	262	290	315	358	361
Tool Diameter	inch	1.77	1.77	2.24	2.75	2.95	3.15	3.54	4.1	4.5	5.3	5.7	6.1	6.7	7.1
	mm	45	45	57	70	75	80	90	104	114	135	145	155	170	180
Tool Working Length	inch	11.9	11.9	14.1	15.9	16.2	19.5	22.6	23.4	24	28.9	28.2	30.2	34.9	32
	mm	302	302	357	404	411	496	575	594	610	734	716	767	886	813
Frequency	L Model bpm	550-1000	550-1000	600-1500	380-1000	380-900	400-800	350-700	350-550	320-550	320-480	270-400	230-400	230-330	270-380
	S Model bpm	n/a	n/a	n/a	n/a	n/a	600-1100	490-1000	600-900	400-4700	400-600	330-500	270-470	270-500	380-530
85 db (A) Level Distance	ft	-	8 - 15	25 - 36	30 - 50	35 - 58	57 - 95	65 - 91	75 - 105	78 - 109	83 - 116	98 - 137	119 - 167	120 - 162	131 - 177
	m	-	2.4 - 5	7.6 - 11	9.1 - 15.2	11 - 18	17 - 19	20 - 28	23 - 32	24 - 33	25 - 35	30 - 42	36 - 51	36 - 49	40 - 54
ENERGY															
Mechanical Energy	hp	3.6 - 11	4.5 - 11	4.6 - 19	12 - 30	17 - 33	14 - 37	15 - 38	35 - 65	45 - 78	62 - 98	73 - 117	98 - 133	94 - 158	101 - 176
	kW	2.7 - 8	3.3 - 8	3 - 14	9 - 22	13 - 25	10 - 28	11 - 28	26 - 48	33 - 58	47 - 73	55 - 87	73 - 99	70 - 117	75 - 131
Mechanical Energy Average	hp	7.3	7.8	11.8	21	25	25.5	26.5	50	61.5	80	95	115.5	126	138.5
	kW	5.4	6	9	16	19	19	20	37	46	60	71	86	94	103
HYDRAULICS															
Oil Flow Range	gpm	4 - 9	4 - 9	8 - 18	11 - 18	14 - 20	15 - 23	16 - 26	25 - 35	32 - 42	40 - 53	47 - 63	63 - 72	64 - 85	69 - 95
	lpm	15 - 34	15 - 34	30 - 70	49 - 68	53-75	56 - 87	60 - 98	94-132	121-159	151-200	178-238	238-273	242-321	261-359
Operating Pressure	psi	1300-1740	1300-1740	1280-1706	1600-2400	1740-2400	1990-2418		2030 - 2700		2275 - 2700			2130 - 2700	
	bar	90 - 120		88 - 118	110 - 165	120 - 165	137 - 167		140 - 180		157 - 180			147 - 180	

1) Box style housings are available for all models. The model ORV250H and larger units are all box housed units as the standard configuration.

2) Sound attenuated box housed units required for approximated noise level distances provided.

3) The L- mode frequency is the normal mode.

4) Operating weight includes complete breaker assembly with UMB.

WORKING TOOLS

Selected special high quality steel and the most advanced heat treatment available anywhere ensure outstanding wear and shock resistance.

MOIL POINT • CROSS CUT CHISEL • BLUNT

