

Specifications

		ORV250LT	ORV250H	ORV400	ORV550	ORV800S	ORV1000	ORV1300
Energy class	ft-lbs	150	225	375	550	850	1000	1350
Working pressure range	psi	1300 - 1740	1300 - 1740	1450 - 2030	1600 - 2400	1740 - 2400	2030 - 2465	2030 - 2465
Frequency range (L mode)	bpm	550 - 1000	550 - 1000	450 - 1000	380 - 1000	380 - 900	400 - 800	350 - 700
Frequency range (S mode)	bpm	na	na	na	na	na	600 - 1100	490 - 1000
Approx. operating weight	lbs	195	265	386	575	730	1090	1390
Chisel diameter	inches	1.77	1.77	2.24	2.75	2.95	3.14	3.54
Back cap N2 gas pressure range	psi	142 - 200	142 - 200	142 - 200	116 - 142	116 - 142	142 - 200	142 - 200
Built-in accumulator N2 gas	psi	N/A	N/A	N/A	N/A	N/A*	570 - 710	570 - 710
Carrier machine weight range	US tons	0.8 - 2.5	1.1 - 2.5	1.65 - 4.4	3.3 - 7.1	4.9 - 8.8	5.0 - 8.8	6.6 - 11
Piping inner diameter	inches	1/2	1/2	1/2	1/2	1/2	3/4	3/4
Circuit relief valve set at	psi	2500	2500	2500	2500	2500	2500	2500
Carrier output flow range	gpm	4 - 9	5 - 9	7 - 13	11 - 18	14 - 20	15 - 23	16 - 26

* The ORV800SS model is equipped with an optional built-in accumulator.

		ORV2500	ORV3000	ORV4000	ORV5000	ORV7500	ORV10000
Energy class	ft-lbs	2500	3000	4000	5000	7500	10000
Working pressure range	psi	2000 - 2700	2000 - 2700	2275 - 2700	2275 - 2700	2275 - 2700	2130 - 2700
Frequency range (L mode)	bpm	350 - 550	320 - 550	320 - 480	270 - 400	230 - 400	230 - 330
Frequency range (S mode)	bpm	600 - 900	400 - 700	400 - 600	330 - 500	270 - 470	270 - 500
Approx. operating weight	lbs	1990	2550	3500	4400	5950	8400
Chisel diameter	inches	4.1	4.5	5.3	5.7	6.1	6.7
Back cap N2 gas pressure range	psi	142 - 200	200 - 230	200 - 230	200 - 230	200 - 230	200 - 230
Built-in accumulator N2 gas	psi	782 - 853	782 - 853	782 - 853	782 - 853	782 - 853	782 - 853
Carrier machine weight range	US tons	11 - 17	14 - 20	19 - 27	22 - 33	30 - 46	38 - 66
Piping inner diameter	inches	3/4	1	1	1	1	1-1/4
Circuit relief valve set at	psi	2700	3000	3000	3000	3000	3000
Carrier output flow range	gpm	25 - 35	32 - 42	40 - 53	47 - 63	63 - 72	74 - 93

[H2711]

** Specifications are subject to change without prior notification.
The operating weight does not include the backing plate used in a skid steer configuration.
Refer to the carrier specifications to see what combination is best for you.



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ORV SERIES

HYDRAULIC BREAKERS



ORV Series hydraulic breakers

Oil and Gas Operation

ORV series breakers utilize a combination of oil pressure and flow from the carrier with gas pressure from the breaker, an operating principle that has proven to be the most efficient working technology in the industry.

Auto-lube

A central grease port with internal grease passage readily adapts the hammer to most auto lube systems.

Original holding system

The powercell is securely held inside the bracket with the head damper, reducing recoil.

Main valve

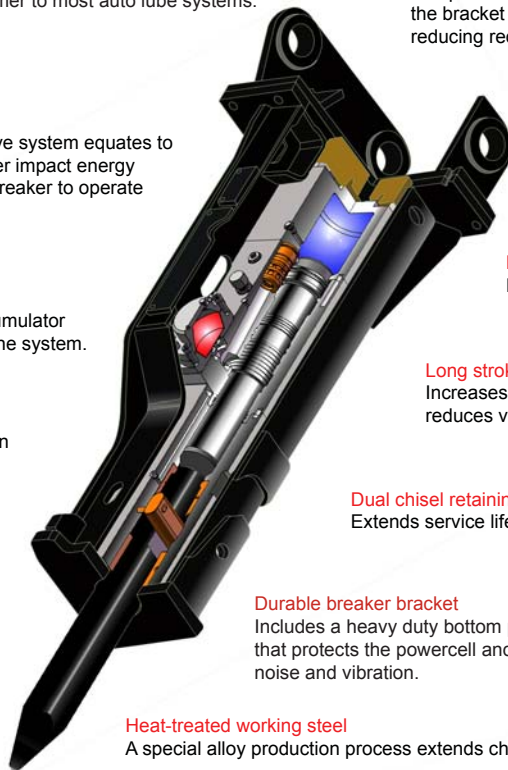
The internal control valve system equates to faster speeds and higher impact energy while still allowing the breaker to operate at cooler temperatures.

Accumulator

The large capacity accumulator reduces shock load in the system.

Stroke adjuster

Variable speed control in the breaker maximizes productivity.



Larger N2 gas chamber

Ensures high impact power.

Long stroke piston

Increases impact power, and reduces vibration and recoil.

Dual chisel retaining pin

Extends service life.

Durable breaker bracket

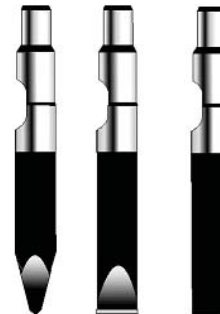
Includes a heavy duty bottom plate that protects the powercell and reduces noise and vibration.

Heat-treated working steel

A special alloy production process extends chisel life.



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.



Working tools

Moil point

The moil point is very useful for breaking concrete, bedrock and pavement.

Chisel

The chisel tool is ideal for trenching work, finishing slopes and specialty applications.

Blunt

The large surface of the blunt tool holds the material to be broken and transfers impact power efficiently.



Carrier mount auto grease system

Continuously applies grease to the breaker tool and bushings and extends the life of wear parts. One gallon, two gallon and five gallon auto lube systems are available.