



OKADA[®]
Demolition Attachments

FULL-LINE PRODUCT BROCHURE



HYDRAULIC BREAKERS

CRUSHERS & SHEARS

SCRAP SHEARS

PLATE COMPACTORS

SCREENING BUCKETS

GRAPPLES



COUNT ON OKADA.

ORV Series Breakers	3
TSWB / TSRC / TSS / ORC / OSC / OS Demolition Crushers & Shears	9
RSS / RG Scrap Shear & Demolition Grapple	22
OAC / TMB Compactors & Screening Buckets	25
OMG Grapple	30

ABOUT OKADA

Since 1995, Okada America, Inc. has been offering a wide variety of attachments through its parent company, Okada Aiyon located in Osaka, Japan. An innovator in the field for many years worldwide Okada America, Inc. provides a broad range of sophisticated demolition equipment, including hydraulic breakers, crushers, pulverizers, grapples and other attachments.

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 remain the global industry leader for hydraulic attachments.

Okada continually looks for ways to expand the capabilities and versatility of demolition attachments and as a result of that effort has become a major leader in the hydraulic attachment industry.



WE ARE PROUD MEMBERS OF:



ORV SERIES HYDRAULIC BREAKERS





DRV SERIES

OKADA TECHNOLOGY

AUTO-LUBE

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

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.

ORIGINAL HOLDING SYSTEM

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

LARGER N2 GAS CHAMBER

Ensures high impact power.

LONG STROKE PISTON

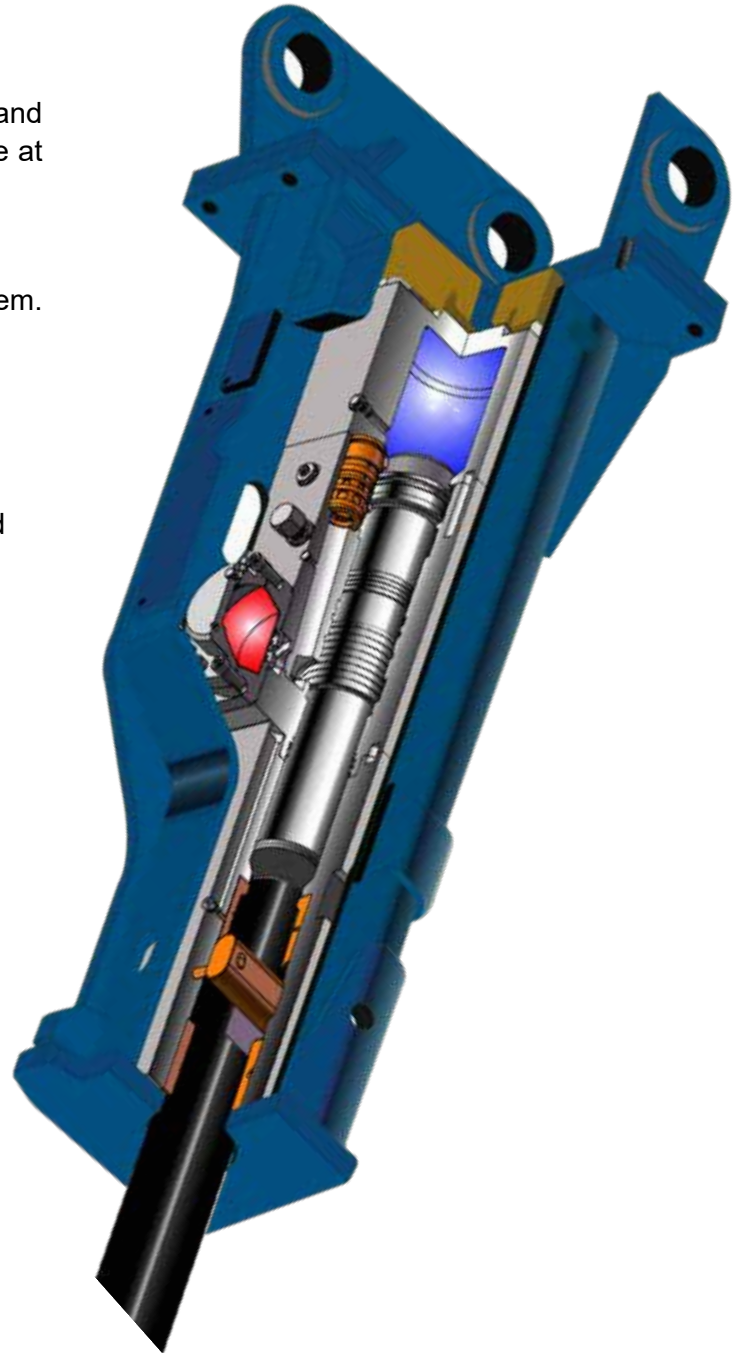
Increases impact power, and reduces vibration and recoil.

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.



BREAKERS



SERVICE TOOLS

Hydraulic breaker service tools provide end-users with the best quality tools to keep your breaker attachments running at their peak performance.



NITROGEN REGULATOR KIT



METRIC SOCKET SET



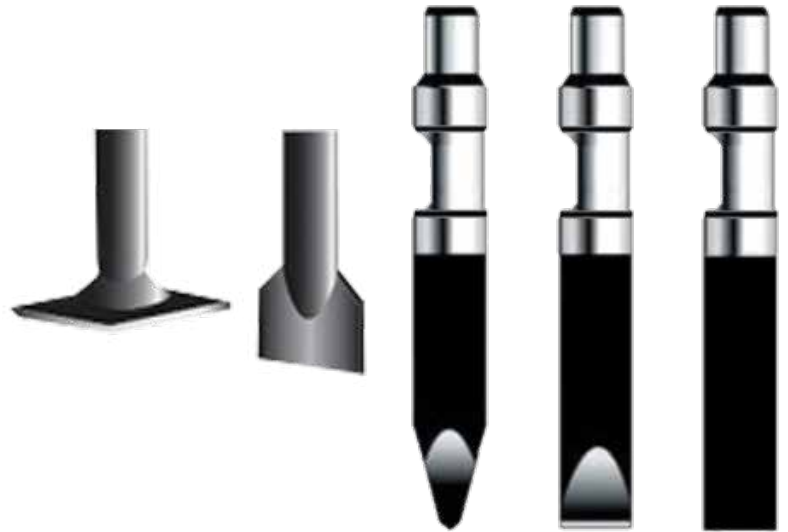
MULTIPLIER TORQUE WRENCH



PORTABLE HYDRAULIC FLOW METER

WORKING TOOLS

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



AUTO-LUBE SYSTEM





ORV SERIES

ORV SERIES HYDRAULIC BREAKERS

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.

PISTON



	MODEL	250LT	250H	405H	550H	800SH	1100H	1500H	2500H
INFORMATION									
Carrier Class	1000 lb	2.2 - 5	2.2 - 5	3.3 - 8.8	6.6 - 14.2	10 - 18	10 - 18	13 - 22	22 - 34
	m ton	1 - 2.3	1 - 2.3	1.5 - 4	3 - 6.4	4.5 - 8	4.5 - 8	6 - 10	10 - 15
Impact Energy Class	ft lb	225	225	375	550	850	1100	1500	2500
	Joules	305	305	509	746	1153	1492	2034	3390
Operating Weight	lb	350	321	413	575	730	1118	1667	1990
	kg	159	146	187	261	331	507	756	902
Unit Working Length	inch	48	48	55	62	63	75	83	89
	cm	122	122	139	157	160	190	212	226
Tool Diameter	inch	1.77	1.77	2.24	2.75	2.95	3.15	3.54	4.1
	mm	45	45	57	70	75	80	90	104
Tool Working Length	inch	11.9	11.9	14.1	15.9	16.2	19.5	22.6	23.4
	mm	302	302	357	404	411	496	575	594
Frequency	L Mode bpm	550-1000	550-1000	600-1500	380-1000	380-900	400-800	350-700	350-550
	S Mode bpm	n/a	n/a	n/a	n/a	n/a	600-1100	490-1000	600-900
85 db (A) Level Distance	ft	-	8 - 15	25 - 36	30 - 50	35 - 58	57 - 95	65 - 91	75 - 105
	m	-	2.4 - 5	7.6 - 11	9.1 - 15.2	11 - 18	17 - 19	20 - 28	23 - 32
ENERGY									
Mechanical Energy	hp	4.5 - 11	4.5 - 11	4.6 - 19	12 - 30	17 - 33	14 - 37	15 - 38	35 - 65
	kW	3.3 - 8	3.3 - 8	3 - 14	9 - 22	13 - 25	10 - 28	11 - 28	26 - 48
Mechanical Energy Average	hp	7.8	7.8	11.8	21	25	25.5	26.5	50
	kW	6	6	9	16	19	19	20	37
HYDRAULICS									
Oil Flow Range	gpm	4 - 9	4 - 9	8 - 18	11 - 18	14 - 20	15 - 23	16 - 26	25 - 35
	lpm	15 - 34	15 - 34	30 - 70	49 - 64	64 - 83	56 - 87	60 - 98	83 - 117
Operating Pressure	psi	1300-1740	1300-1740	1280-1706	1600-2400	1740-2400	1990-2418		2030 -
	bar	90 - 120		88 - 118	110 - 165	120 - 165	137 - 167		140 -

- 1) All models are Box style housings except the ORV250LT.
- 2) The L- mode frequency is the normal mode.
- 3) Operating weight includes complete breaker assembly with UMB.

BREAKERS



SHANK BUSHING



FRONT CAP BUSHING



VALVE



ACCUMULATOR



OVAL CHISEL PIN






























3000H	4000H	5000H	7500H	10000H	12000H
28 - 40	38 - 54	44 - 66	60 - 92	76 - 132	99 - 176
13 - 18	17 - 25	20 - 30	27 - 42	35 - 60	45 - 80
3000	4000	5000	7500	10000	12500
4068	5424	6780	10170	13560	16950
2550	3500	4400	5950	8400	9921
1156	1587	1995	2698	3810	4499
91	103	114	124	141	142
231	262	290	315	358	361
4.5	5.3	5.7	6.1	6.7	7.1
114	135	145	155	170	180
24	28.9	28.2	30.2	34.9	32
610	734	716	767	886	813
320-550	320-480	270-400	230-400	230-330	270-380
400-470	400-600	330-500	270-470	270-500	380-530
78 - 109	83 - 116	98 - 137	119 - 167	120 - 162	131 - 177
24 - 33	25 - 35	30 - 42	36 - 51	36 - 49	40 - 54
45 - 78	62 - 98	73 - 117	98 - 133	94 - 158	101 - 176
33 - 58	47 - 73	55 - 87	73 - 99	70 - 117	75 - 131
61.5	80	95	115.5	126	138.5
46	60	71	86	94	103
32 - 42	40 - 53	47 - 63	63 - 72	64 - 85	69 - 95
110 - 132	114 - 132	163 - 200	178 - 238	238 - 273	280 - 352
2700	2275 - 2700		2130 - 2700		
180	157 - 180		147 - 180		





ORV SERIES

ORV SERIES GENERAL CARRIER RANGES & APPLICATIONS

Models	CARRIER RANGE IN METRIC TONS																				
	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
250LT (1 - 2.3)	■																				
250H (1 - 2.3)	■																				
405 (1.5 - 4)	■																				
550H (3 - 6.4)	■																				
800SH (4.5 - 8)		■																			
1100H (4.5 - 8)		■																			
1500H (6 - 10)		■																			
2500H (10 - 15)			■																		
3000H (13 - 18)			■																		
4000H (17 - 25)				■																	
5000H (20 - 30)					■																
7500H (27 - 42)						■															
10000H (35 - 60)							■														
12000H (45 - 80)								■													

The above chart is for general reference only. For specific application and system requirements, contact Okada or your Okada dealer.

AGGREGATE PRODUCERS • BRIDGE CONTRACTORS • CONCRETE & PAVING CONTRACTORS • DEMOLITION CONTRACTORS • EXCAVATION CONTRACTORS • SITE CONTRACTORS • GENERAL & SPECIALTY CONTRACTORS • INDUSTRIAL CONTRACTORS • MUNICIPALITY & UTILITY CONTRACTORS • PLUMBERS & PIPELINE CONTRACTORS • UTILITIES (GAS, WATER, ELECTRIC) • FOUNDRIES & SMELTERS

DEMOLITION CRUSHERS & SHEARS

TSWB

TSRC

TSS

ORC

OSC





TSWB SERIES

Okada's wide range of TSWB concrete crushers provide the concrete solution for any carrier. Unlike some hydraulic breakers, the TSWB crusher does not emit noise or vibration making it environmentally friendly. Our seamless casting components and custom tooth design create faster material fractioning which is why our TSWB is the crusher of choice.

FEATURES



ARTS allows the crusher to rotate when the jaws are fully open, using the same hydraulic circuit used to actuate the main cylinder. (Available for TSWB620-1100)

360° hydraulic rotation

High pressure twin cylinders with cylinder rod covers (except for TSWB 2200V)

Seamless casting components

Custom tooth design for faster material fractioning

Large jaw opening for increased production

Standard speed valve for shorter cycle times

- Built-in pressure relief valve

Standard flat-mount design



Reversible rebar cutting blade

APPLICATIONS

Primary demolition

- Reinforced concrete constructions
- High-reach demolition
- Foundation demolition
- Single-step recycling



see the TSWB in action



PRIMARY CRUSHERS



optional water sprinkler available

SPECIFICATIONS

TSWB MODELS		620V	950V	1100V	1400V	1600V	1900V	2200V	2400V
INFORMATION									
Carrier Class	1000 lb	13 - 20	26 - 40	40 - 56	66 - 88	88 - 104	132 - 220	154 - 220	330 -
	m ton	6 - 9	12 - 18	18 - 25	30 - 40	40 - 48	60 - 100	70 - 100	150 -
Operating Weight	lb	1940	3740	5600	9460	10940	16340	21930	26460
	kg	880	1690	2540	4290	4960	7410	9700	12000
Overall Length	inch	73	90	104	117	124	140	146	159
	mm	1850	2280	2635	2970	3160	3560	3705	4050
Overall Width	inch	44	55	64	79	90	102	122	124
	mm	1105	1405	1625	1995	2275	2600	3090	3160
Max. Jaw Opening	inch	24	37	43	55	63	75	87	95
	mm	620	950	1100	1400	1600	1900	2200	2400
Cutting Blade Length	inch	5	6	8	8	10	11	no blade	11
	mm	120	150	200	200	250	280	no blade	280
FORCE									
Crushing Force at Tip	sh ton	40	68	106	124	148	225	236	242
	kN	355	605	940	1100	1320	2000	2100	2150
HYDRAULICS									
Max. Oil Flow	gpm	26	53	106	132	159	185	185	185
	lpm	100	200	400	500	600	700	700	700
Operating Pressure	psi	4061	4351	4351	4351	4351	4351	4351	4351
	bar	280	300	300	300	300	300	300	300
Case Drain Required (HR)	y / n	y	n	n	y	y	y	y	y

All models are equipped with a speed valve and built-in pressure relief valve.

Rotation options: *Free Rotation (FR) - no hydraulic supply required
Hydraulic Rotation (HR) - hydraulic supply required from carrier
Okada's Advanced Rotation Technology System (ARTS)*

Specifications are subject to change without notice.


Specifications assume the use of an Okada Universal Pin Mount.



TSRC SERIES

Okada's wide range of TSRC demolition multi crushers / shears provide the demolition solution for any carrier. Unlike some hydraulic breakers, the TSRC crusher / shear does not emit noise or vibration making it environmentally friendly. Our seamless casting components and custom tooth design create faster material fractioning which is why our TSRC is the crusher / shear of choice.

FEATURES



ARTS SILENT Series
Advanced Rotating Technical System

ARTS allows the crusher to rotate when the jaws are fully open, using the same hydraulic circuit used to actuate the main cylinder.
(Available for TSRC 1000V)



Seamless casting components

High-pressure twin cylinders

Speed valve for shorter cycle times

Built-in pressure relief valve

360° hydraulic rotation

Reversible main ARC blades
reversible ARC blades decrease contact area which allows for greater cutting power.

APPLICATIONS

Primary demolition

- Rebar
- HEA beam & IPE beam
- Reinforced concrete structures
- High-reach demolition



see the TSRC in action

CRUSHERS & SHEARS



SPECIFICATIONS

	MODELS	TSRC 1000V	TSRC 1300V	TSRC 1700V
INFORMATION				
Carrier Class	1000 lb	44 - 56	66 - 88	132 - 220
	m ton	20 - 25	30 - 40	60 - 100
Operating Weight	lb	5760	9310	16650
	kg	2610	4220	7550
Overall Length	inch	101	115	143
	mm	2555	2920	3630
Overall Width	inch	61	75	96
	mm	1540	1900	2430
Max. Jaw Opening	inch	39	51	67
	mm	1000	1300	1700
Cutting Blade Length	inch	19	22	26
	mm	480	550	650
FORCE				
Cutting Force at Center	sh ton	278	320	549
	kN	2470	2850	4880
Crushing Force at Tip	sh tons	107	124	208
	kN	950	1100	1850
HYDRAULICS				
Max. Oil Flow	gpm	106	132	185
	lpm	400	500	700
Operating Pressure	psi	4351	4351	4641
	bar	300	300	320
Case Drain Required (HR)	y / n	n	y	y



All models are equipped with a speed valve and built-in pressure relief valve.

Rotation options: Free Rotation (FR) - no hydraulic supply required
 Hydraulic Rotation (HR) - hydraulic supply required from carrier
 Okada's Advanced Rotation Technology System (ARTS)

Specifications are subject to change without notice.

Specifications assume the use of an Okada Universal Pin Mount.



TSS SERIES

Okada's wide range of TSS demolition multi crushers / shears provide the demolition solution for a wide range of applications. Unlike some hydraulic breakers, the TSS crusher / shear does not emit noise or vibration making it environmentally friendly. Our seamless casting components and custom tooth design create faster material fractionation which is why our TSS is the crusher / shear of choice.

FEATURES



ARTS allows the crusher to rotate when the jaws are fully open, using the same hydraulic circuit used to actuate the main cylinder.
(Available for TSS320C-550C)

Seamless casting components

Built-in pressure relief valve

360° hydraulic rotation

Single hydraulic cylinder



see the TSS in action

Reversible main ARC blades
reversible ARC blades decrease contact area which allows for greater cutting power.

APPLICATIONS

Primary demolition

- HEA beam & IPE beam
- Reinforced concrete structures
- Rebar
- High-reach demolition

Optional cracker tooth



CRUSHERS & SHEARS



SPECIFICATIONS

	MODELS	TSS320C	TSS430C	TSS550C	TSS660C
INFORMATION					
Carrier Class	1000 lb	13 - 20	26 - 40	44 - 56	66 - 88
	m ton	6 - 9	12 - 18	20 - 25	30 - 40
Operating Weight	lb	1720	3219	5535	8310
	kg	780	1460	2510	3770
Overall Length	inch	64	86	100	112
	mm	1630	2195	2550	2835
Overall Width	inch	34	44	55	64
	mm	875	1115	1400	1618
Max. Jaw Opening	inch	19	22	27	32
	mm	475	565	690	815
Cutting Blade Length (Frame Side & Arm Side)	inch	13 & 15	17 & 20	22 & 24	26 & 28
	mm	320 & 380	420 & 500	550 & 600	660 & 720
FORCE					
Cutting Force at Center	sh ton	84	121	215	260
	kN	745	1080	1910	2310
HYDRAULICS					
Max. Oil Flow	gpm	26	53	106	132
	lpm	100	200	400	500
Operating Pressure	psi	4061	4061	4641	4641
	bar	280	280	320	320
Case Drain Required (HR)	y / n	n	n	n	y



All models are equipped with a built-in pressure relief valve.

Rotation options: Free Rotation (FR) - no hydraulic supply required
 Hydraulic Rotation (HR) - hydraulic supply required from carrier
 Okada's Advanced Rotation Technology System (ARTS)

Specifications are subject to change without notice.

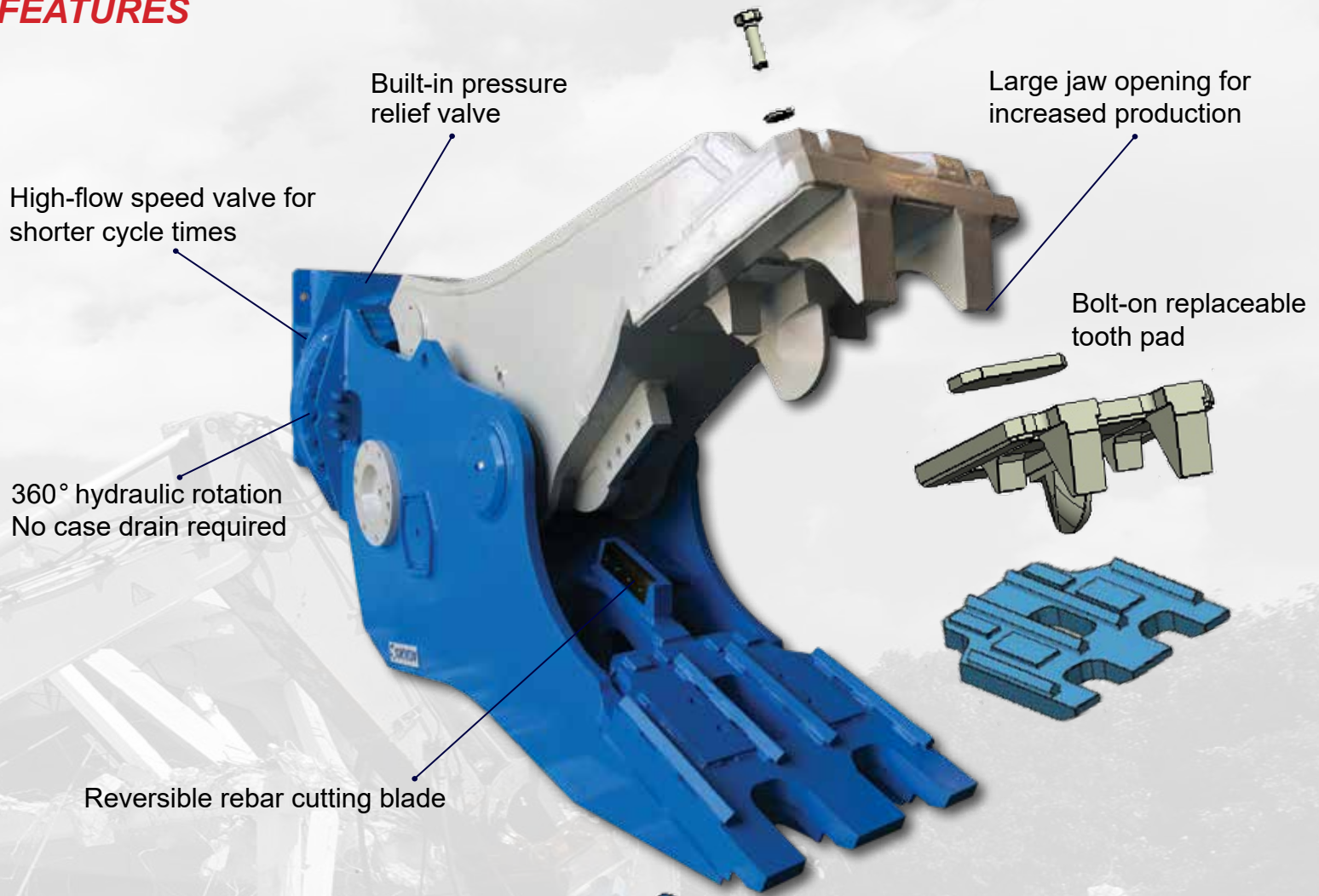
Specifications assume the use of an Okada Universal Pin Mount.



ORC SERIES

Okada's ORC rotating pulverizers were developed as a result of a growing need to reduce disposal volume and recycle concrete waste created during concrete building demolition. The flat, wide jaw design and an internal speed valve make it possible to grab and crush large sections of concrete quickly.

FEATURES



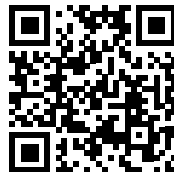
APPLICATIONS

Primary demolition

- Concrete
- Single-step recycling

Secondary demolition

- Separating concrete from rebar
- Cuts rebar as needed



see the ORC in action



ROTATING PULVERIZERS



SPECIFICATIONS

	MODELS	ORC220A	ORC380A
INFORMATION			
Carrier Class	1000 lb	48 - 84	71 - 110
	m ton	22 - 38	32 - 50
Operating Weight	lb	5340	9325
	kg	2420	4230
Overall Length	inch	88.8	110.0
	mm	2255	2795
Overall Height	inch	48.4	58.9
	mm	1230	1495
Max. Jaw Opening	inch	32.9	39.4
	mm	835	1000
Cutting Blade Length	inch	7.1	8.5
	mm	180	215
FORCE			
Crushing Force at Center	sh ton	84	125
	kN	750	1110
HYDRAULICS			
Oil Flow Range	gpm	53 - 106	66 - 132
	lpm	200 - 400	250 - 500
Operating Pressure	psi	4641	4641
	bar	320	320

Specifications are subject to change without notice.
 Specifications assume the use of an Okada Universal Pin Mount is used.



OSC SERIES

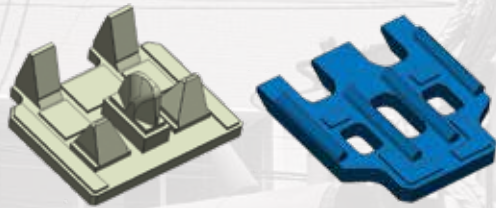
Okada demolition pulverizers were developed as a result of a growing need to reduce disposal volume and recycle concrete waste created during concrete building demolition. The flat, wide jaw design and an internal speed valve make it possible to grab and crush large sections of concrete quickly.

FEATURES

Grizzly Design (OSC220US)

The pulverizer construction uses a robust, pass-through grizzly design which allows crushed material to easily release from the crushing zone between the jaws.

Bolt-On Replaceable Tooth Pad Models OSC220A & 380A only.



Built-In Pressure Relief Valve

A standard built-in relief valve protects against overload.

Speed Valve for Shorter Cycle Times

A large bore cylinder, short stroke and speed valve creates unmatched crushing force with a short cycle time.

Pulverizing Wedges & Reversible Rebar Cutting Blade

The unique Okada crushing teeth combines pulverizing wedges and cutter blades to efficiently process reinforced concrete.

Protective Structure

The use of a cylinder rod protector and the location of the hydraulic cylinder in the frame protects the cylinder rod from exposure to concrete rubble.

APPLICATIONS

Secondary demolition

- Concrete
- Single-step recycling
- Separating concrete from rebar
- Cuts rebar as needed



see the OSC in action



DEMOLITION PULVERIZERS

SPECIFICATIONS

MODELS		35A	70A	135A	220US	380A	500A	200HMA (MAGNETIC)
INFORMATION								
Carrier Class	1000 lb	6.6 - 11	13 - 20	22 - 35	40 - 66	66 - 99	88 - 220	40 - 66
	m ton	3 - 5	6 - 9	10 - 16	18 - 30	30 - 45	40 - 100	18 - 30
Operating Weight	lb	700	1500	2750	4823	8149	11280	5316
	kg	318	680	1249	2188	3696	5118	2413
Overall Length	inch	49	62	76	75	91	116	82
	mm	1245	1580	1930	1905	2318	2950	2075
Overall Height	inch	28	38	46	54	67	84	61
	mm	705	960	1175	1365	1705	2135	1560
Max. Jaw Opening	inch	17	24	29	35	43	58	34
	mm	430	600	730	885	1085	1465	870
Cutting Blade Length	inch	3.5	4	6	6	7	9	6
	mm	90	100	150	150	180	215	150
FORCE								
Crushing Force at Center	sh ton	34	51	67	99	108	125	99
	kN	305	450	600	880	965	1115	880
HYDRAULICS								
Max. Oil Flow	gpm	13	26	53	106	132	198	106
	lpm	50	100	200	400	500	700	400
Operating Pressure	psi	3626	4061	4061	4641	4641	4641	4641
	bar	250	280	280	320	320	320	320

Specifications are subject to change without notice.

Specifications assume the use of an Okada Universal Pin Mount.

All models are equipped with a speed valve and built-in pressure relief valve.

MAGNET SPECIFICATIONS FOR 200HMA

Magnet Size	inch	27 x 21
	mm	690 x 540
Magnet Lifting	lb	287
	kg	130
Voltage for Magnet	V	24V
Rating Current of Magnet	A	75A

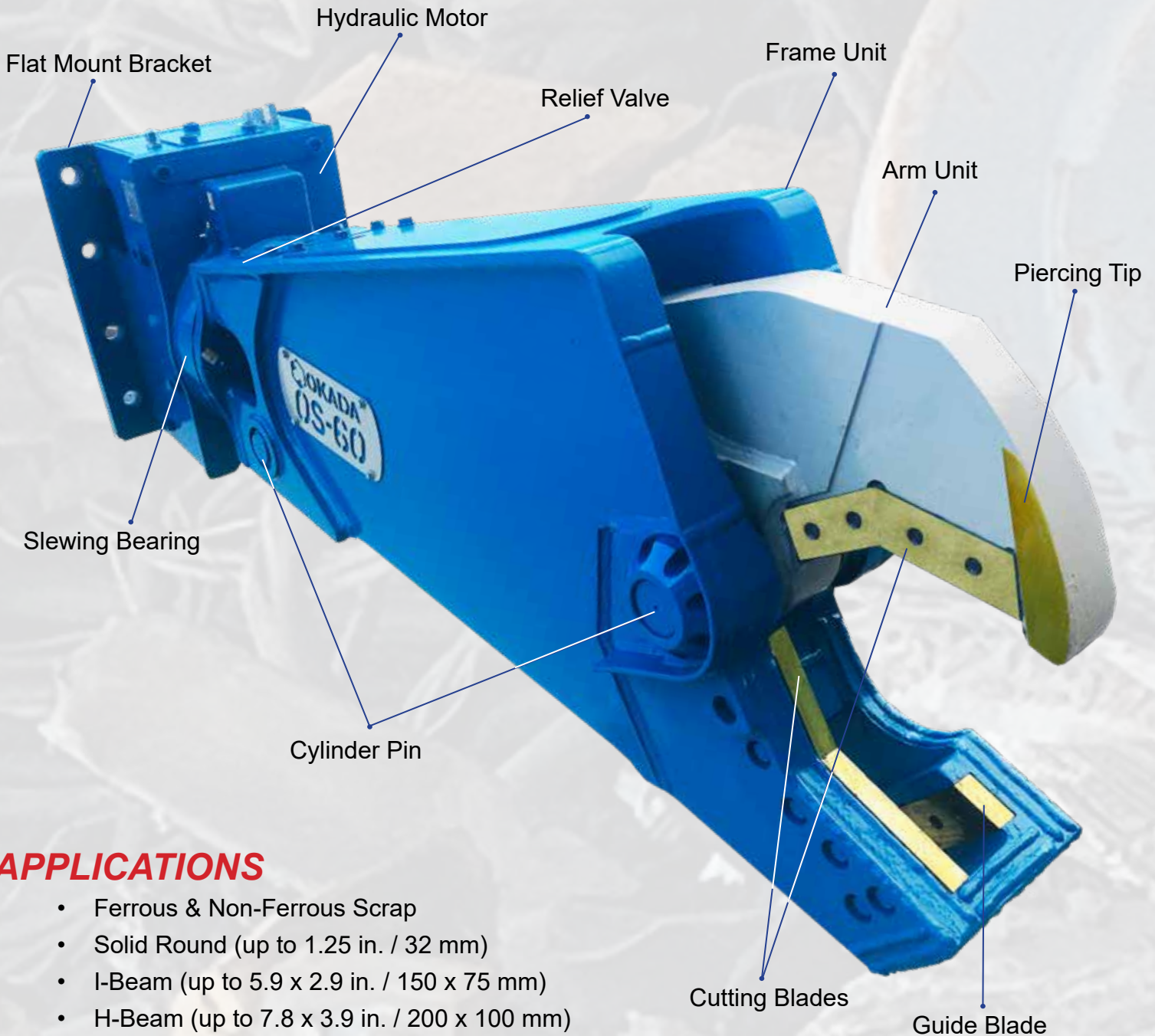




OS SERIES

Okada's OS Series Scrap Shear is a versatile shear made for cutting ferrous and non-ferrous scrap, concrete, pipe, solid round I-beams and plate materials. The OS Shear is perfect for the 13-20,000 lb class carrier which provides flexibility for hard to get to areas of demolition.

FEATURES



APPLICATIONS

- Ferrous & Non-Ferrous Scrap
- Solid Round (up to 1.25 in. / 32 mm)
- I-Beam (up to 5.9 x 2.9 in. / 150 x 75 mm)
- H-Beam (up to 7.8 x 3.9 in. / 200 x 100 mm)
- Pipe (up to 5 in. / 127 mm)

SCRAP SHEAR

SPECIFICATIONS

ROTATION TYPE		OS60 HR
INFORMATION		
Carrier Class	1000 lb	13 - 20
3rd Member	m ton	6 - 9
Operating Weight	lb	1158
	kg	525
Overall Length	inch	64
	mm	1625
Overall Width	inch	25
	mm	625
Maximum Jaw Opening	inch	10
	mm	260
Jaw Depth	inch	12
	mm	300
FORCE		
Cutting Force at Throat	sh ton	159
	kN	1415
Cutting Force at Tip	sh tons	37
	kN	325
JAW OPEN & CLOSE		
Required Oil Flow	gpm	26
	lpm	100
Auxiliary Circuit Relief	psi	3191
	bar	220
Internal Relief	psi	3046
	bar	210
ROTATION		
Required Oil Flow	gpm	2.6
	lpm	10
Auxiliary Circuit Relief	psi	1015
	bar	70
Internal Relief	psi	870
	bar	60
Case Drain Required (HR)	y / n	yes
Maximum RPM	RPM	10
UMB		
Mounting	PM / FM	FM
Bolt Pattern	Okada	303B



Specifications are subject to change without notice.
Specifications assume the use of an Okada Universal Pin Mount.



RSS SERIES SCRAP SHEAR

A manufacturing leader of well-engineered equipment makes the Okada product efficient which saves our customers on operational costs and time on the job. Forward thinking in development creates solutions such as requiring lower operational oil pressure & volumes which in turn reduces carrier fuel consumption and significantly reduces CO2 emissions leaving an eco-friendly footprint.

RSS SERIES SCRAP SHEAR



RPG SERIES ORANGE PEEL GRAB



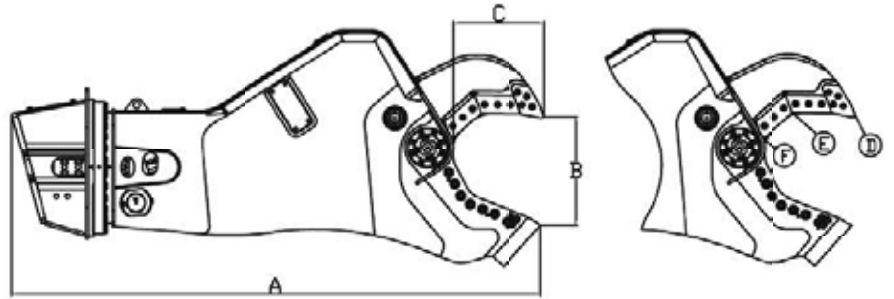
RS SERIES SORTING / DEMOLITION GRAB



RSS SERIES SCRAP SHEAR



SPECIFICATIONS



Type RSS	20R	30R	40R	50R	100R	150R
INFORMATION						
Machine Class / Boom	35,300 lbs 16,012 kg	44,100 lbs 20,003 kg	55,100 lbs 24,993 kg	66,100 lbs 29,982 kg	99,200 lbs 44,996 kg	132,000 lbs 59,784 kg
Machine class / Stick	52,900 lbs 23,995 kg	70,500 lbs 31,978 kg	83,750 lbs 37,988 kg	110,200 lbs 49,986 kg	165,300 lbs 74,979 kg	242,400 lbs 109,951 kg
Weight *	5,513 lbs 2,500 kg	7,916 lbs 3,590 kg	9,790 lbs 4,441 kg	13,627 lbs 6,181 kg	18,191 lbs 8,251 kg	27,563 lbs 12,502 kg
Rotar Hole Pattern	140 - 150	200	200	200	200	250
DIMENSIONS						
Dimension A (in. / mm)	105 / 2,667	129 / 3,277	143 / 3,632	157 / 3,988	190 / 4,826	215 / 5,461
Dimension B (in. / mm)	18 / 455	24 / 607	30 / 750	31 / 782	37 / 947	43 / 1,095
Dimension C (in. / mm)	16 / 406	21 / 533	25 / 635	28 / 711	36 / 914	39 / 991
CUTTINGFORCE						
Tip ** (D) (sh t / mt)	143 / 130	172 / 156	185 / 168	222 / 201	267 / 242	366 / 332
Apex ** (E) (sh t / mt)	265 / 240	326 / 296	352 / 319	430 / 390	515 / 467	764 / 693
Throat ** (F) (sh t / mt)	586 / 532	732 / 664	896 / 813	1,053 / 955	1,475 / 1,338	2,199 / 1,995
OPEN / CLOSE						
Operating Pressure	5,076 psi / 350 bar					
Oil Volume (gpm / lpm)	63 / 238	119 / 450	119 / 450	119 / 450	198 / 749	254 / 961
ROTATION						
Operating Pressure	2,466 psi / 170 bar					
Oil Volume	13 gpm / 49 lpm					
Type RSS	20	30	40	50	100	150
INFORMATION						
Machine Cass / Boom	27,000 lbs 12,250 kg	38,000 lbs 17,240 kg	50,000 lbs 22,690 kg	60,000 lbs 27,220 kg	94,000 lbs 42,650 kg	125,000 lbs 56,699 kg
Machine Class / Dipper	40,000 lbs 18,150 kg	55,000 lbs 24,955 kg	78,000 lbs 35,390 kg	105,000 lbs 47,640 kg	145,000 lbs 65,789 kg	230,000 lbs 104,326 kg
Weight * (lbs / kg)	5,000 / 2,268	7,474 / 3,390	8,900 / 4,037	12,740 / 5,779	16,535 / 7,500	25,674 / 11,645
Dimension A (in. / mm)	104.6 / 2,657	113 / 2,870	127 / 3,226	140 / 3,556	166 / 4,216	190 / 4,826

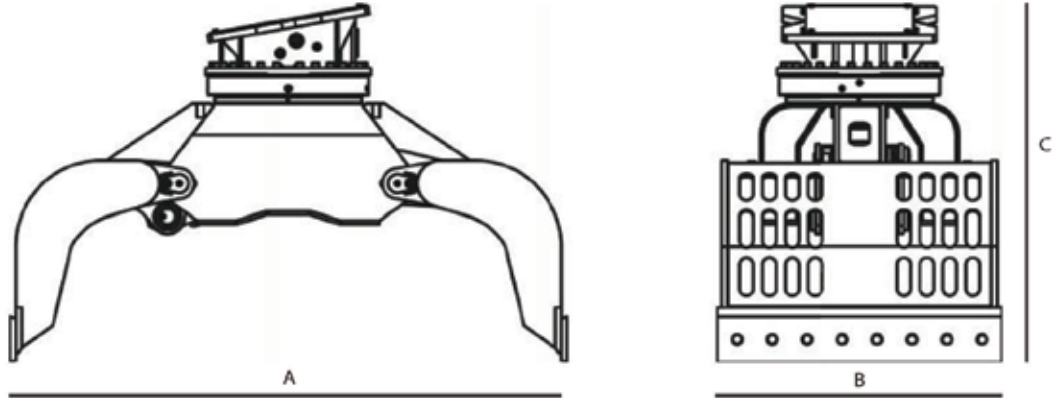
* Weight without bolt-on adapterplate

** Cuttingforce measured at 5076 psi



RG SERIES SORTING GRAB

SPECIFICATIONS



Type RG	5N	9N	12N	15N	22N	30N	40N	50N	60N
INFORMATION									
Machine Class	4-10,000 1,814-4,536	10-18,000 4,536-8,165	20-30,000 9,072-13,608	28-36,000 12,700-16,329	32-44,000 14,515-19,958	40-60,000 18,144-27,216	50-80,000 22,680-36,287	70-100,000 31,751-45,359	90-120,000 40,823-54,431
Weight *	463 lbs 210 kg	959 lbs 435 kg	1,984 lbs 900 kg	2,238 lbs 1015 kg	2,976 lbs 1,350 kg	3,527 lbs 1,600 kg	4,409 lbs 2,000 kg	4,850 lbs 2,200 kg	8,708 lbs 3,950 kg
Volume (CuYd / L)	.13 / 100	.18 / 140	.43 / 325	.52 / 400	.69 / 530	.84 / 640	1.18 / 900	1.44 / 1,100	1.96 / 1500
Closing Force **	2,697 ft lb 12 kN	5,845 ft lb 26kN	9,217 ft lb 41 kN	9,217 ft lb 41 kN	11,914 ft lb 53 kN	13,713 ft lb 61 kN	15,737 ft lb 70 kN	17,985 ft lb 80 kN	25,853 ft lb 115 kN
Rotar Hole Pattern	100	110 - 120	130 - 140	130 - 140	130 - 140	140 - 150	140 - 150	140 - 150	200
DIMENSIONS									
Dimension A	45 in. 1137 mm	53 in. 1350 mm	69 in. 1750 mm	72 in. 1830 mm	79 in. 2000 mm	86 in. 2190 mm	95 in. 2425 mm	95 in. 2425 mm	120 in. 3050 mm
Dimension B	20 in. 500 mm	26 in. 650 mm	31.5 in. 800 mm	35 in. 900 mm	39 in. 1000 mm	43 in. 1100 mm	47 in. 1200 mm	55 in. 1400 mm	59 in. 1500 mm
Dimension C	28 in. 703 mm	39 in. 985 mm	54 in. 1380 mm	55.5 in. 1410 mm	60 in. 1525 mm	59 in. 1500 mm	62 in. 1578 mm	62 in. 1578 mm	73 in. 1850 mm
HYDRAULICS									
Max. Operating Pressure Clamshell	4,641 psi / 320 bar					5,076 psi / 350 bar			
Max. Operating Pressure Motor	1740 psi / 120 bar		2030 psi / 140 bar			2465 psi / 170 bar			
Oil Volume Clamshell	9.25 gpm 35 lpm	13 gpm 50 lpm	21 gpm 80 lpm	21 gpm 80 lpm	26.5 gpm 100 lpm	26.5 gpm 100 lpm	31.7 gpm 120 lpm	31.7 gpm 120 lpm	53 gpm 200 lpm
Oil Volume Motor	5.3 gpm / 20 lpm			10.5 gpm / 40 lpm					

* Weight exclusive adapter plate with bracket.

** Closing force @ 4,641 psi / 320 bar

Specifications subject to change without notice.

COMPACTORS & SCREENING BUCKETS

DAC
TMB





OAC SERIES

Okada delivers job-cost efficiency and versatility to soil compaction and pile driving with a line of compactors to fit your job-site conditions.

Our Boom-Mounted plate compactors are offered in five sizes to expand the versatility of your backhoe or excavator from 4,000 to 86,000 pounds. Our rugged construction and proven compaction technology make quick work of any compaction or driving task while keeping your crew safely out of the trench, eliminating the need for expensive shoring.

FEATURES

- Full One-Year Warranty on all models.
- Heavy Duty Single Piece formed base plate for extra strength and stability.
- Heavy Duty Rubber Isolators are featured for operator comfort and to maximize energy forces to the compaction plate.
- Standard Flow Control Valve is offered on all models for prevention of overflowing and over-speeding, which also helps ensure extended motor life.
- Custom mounting brackets available to fit most carriers.
- Optional Backfill Blade for compacting trenches which cuts down the need of switching to a bucket. *Available for OAC200 - OAC500.*



Heavy Duty Rubber Isolators



Backfill Blade



Flow Control Valve

APPLICATIONS

- Aggregate and soil compaction
- Trench compaction
- Steep slope compaction
- Soil stabilization
- Backfilling
- Pile driving -
 - Fence posts
 - Marine work
 - Wood poles for foundations

COMPACTORS



OAC100
12, 16 & 18" tamper plate width standard sizes



OAC200
Shown with optional Backfill Blade and Swivel



OAC400
Available with optional Backfill Blade



SSOAC100
24" wide tamper base plate, suitable for compact utility loaders.



SSOAC200
72" wide tamper base plate, suitable for skid steer loaders.

MODELS	CARRIER	WEIGHT	BOTTOM PLATE	FREQUENCY	IMPULSE FORCE	LIFT COMPACTION	OIL FLOW
OAC100	4 - 14,000 lbs 1.8 - 6.4 m tons	500 lb 227 kg	11.5 x 30 in. 292 x 762 mm	2100 cpm	3,150 lbs 1.4 m tons	1 - 3 ft 305 - 914 mm	10 gpm 38 lpm
SSOAC100	4 - 14,000 lbs 1.8 - 6.4 m tons	600 lb 272 kg	21 x 24 in. 533 x 610 mm	2100 cpm	3,150 lbs 1.4 m tons	n/a	10 gpm 38 lpm
OAC150	6 - 16,000 lbs 2.7 - 7.2 m tons	650 lbs 295 kg	16 x 31 in. 406 x 787 mm	2000 cpm	5,500 lbs 2.5 m tons	1.5 - 3.5 ft 457 - 1067 mm	15 gpm 57 lpm
OAC200	12 - 18,000 lbs 5.4 - 8 m tons	850 lb 385 kg	23 x 34 in. 584 x 863 mm	2000 cpm	6,500 lbs 2.9 m tons	2 - 4 ft 610 - 1219 mm	20 gpm 76 lpm
SSOAC200	7 - 12,000 lbs 2.9 - 5.4 m tons	1150 lbs 522 kg	20 x 72 in. 457 x 1829 mm	2000 cpm	6,500 lbs 2.9 m tons	n/a	20 gpm 76 lpm
OAC300	20 - 40,000 lbs 9 - 18 m tons	1950 lb 885 kg	28 x 44 in. 711 x 1117 mm	2000 cpm	13,500 lbs 6.1 m tons	3 - 5 ft 914 - 1524 mm	30 gpm 114 lpm
OAC400	40 - 56,000 lbs 18 - 25 m tons	2350 lb 1066 kg	34 x 43 in. 863 x 1092 mm	2000 cpm	20,000 lbs 9.1 m tons	5 - 7 ft 1524 - 2134 mm	40 gpm 151 lpm
OAC500	56 - 86,000 lbs 25 - 39 m tons	2500 lb 1134 kg	34 x 43 in. 863 x 1092 mm	2100 cpm	22,000 lbs 10 m tons	5 - 7 ft 1524 - 2134 mm	50 gpm 189 lpm

Optional Backfill Blades add approximately 100-230 lbs to the above listed weights.

SSOAC models are loader mounted compactors only. Operating weight for these models include loader mount bracket.

Bottom plate dimensions are the portion of the plate that contacts the surface ground. *Specifications are subject to change without notice.*



TMB SERIES

The Compact design and tough frame structure of the Okada Trommel Screening Bucket make this attachment lightweight and easy to operate. A built-in control valve regulates flow and pressure to the Screening Bucket, eliminating the need for costly plumbing on the carrier.

A double-acting single pump flow kit used to run a thumb, crusher or shear is all that is needed to achieve two-way rotation. The in-body control valves allow the drum rotation speed to be fine-tuned for smooth operation in a variety of applications.

FEATURES

- Open frame design for maximum productivity.
- Full one-year warranty on all models.
- Large variety of HD Screen sizes available.
- Heavy duty frame structure is portable, compact and lightweight.
- Optional double-acting single pump flow kit for two-way drum rotation.
- Built-In flow control valve provides smooth operation.
- Designed to minimize noise and vibration.
- Models for carriers 12,000 to 76,000 pounds.
- Includes automatic lubrication system for long service life.
- Replaceable bucket teeth.

APPLICATIONS

- Sift aggregate and soil
- Recycling
- Beach cleanup
- Construction debris
- Reclamation
- Pipeline padding



Replaceable Teeth



Auto Lube



Flow Control Valve

TROMMEL SCREENING BUCKETS



SCREENING PRODUCTIVITY

MODELS	SCREEN SIZE						
	100 mm 4 in.	60 mm 2-2/8 in.	50 mm 2 in.	40 mm 1-9/16 in.	30 mm 1-3/16 in.	20 mm 3/4 in.	10 mm 3/8 in.
TMB30	19.8 yd ³ /h	14.1 yd ³ /h	12.8 yd ³ /h	11.2 yd ³ /h	9.4 yd ³ /h	7.5 yd ³ /h	5.0 yd ³ /h
TMB50	34.4 yd ³ /h	24.6 yd ³ /h	22.4 yd ³ /h	19.5 yd ³ /h	16.4 yd ³ /h	12.9 yd ³ /h	8.6 yd ³ /h
TMB70	42.1 yd ³ /h	30.1 yd ³ /h	27.3 yd ³ /h	23.8 yd ³ /h	20.0 yd ³ /h	15.8 yd ³ /h	10.5 yd ³ /h
TMB120	56.6 yd ³ /h	40.7 yd ³ /h	36.9 yd ³ /h	32.2 yd ³ /h	26.9 yd ³ /h	21.3 yd ³ /h	14.1 yd ³ /h

The numbers above do not assure productivity and vary depending on the operation, machine condition and material being screened.

SPECIFICATIONS

MODELS	CARRIER	WEIGHT	OVERALL DIMENSIONS	SCREEN DIAMETER	SCREEN LENGTH	SCREEN DRUM CAPACITY	RPM
TMB30	12 - 20,000 lbs 5.4 - 9.1 m tons	1,325 lb 601 kg	65 L x 42.5 W in. 167 x 108 mm	32.7 in. 83 mm	37.4 in. 95 mm	0.7 yd ³ 0.5 m ³	25
TMB50	20 - 38,000 lbs 9.1 - 17 m tons	2,650 lb 1202 kg	93.3 L x 55.9 W in. 237 x 142 mm	43.3 in. 110 mm	49.2 in. 125 mm	1.6 yd ³ 1.2 m ³	25
TMB70	40 - 60,000 lbs 18 - 27 m tons	4,900 lb 2222 kg	100.8 L x 63.4 W in. 256 x 161 mm	47.2 in. 120 mm	55.1 in. 140 mm	2.1 yd ³ 1.6 m ³	25
TMB120	66 - 76,000 lbs 30 - 35 m tons	6,174 lb 2800 kg	116.7 L x 66.1 W in. 296 x 168 mm	55.1 in. 140 mm	63 in. 160 mm	3.2 yd ³ 2.4 m ³	25

Specifications are subject to change without notice.

OMG SERIES DEMOLITION & MATERIAL HANDLING GRAPPLE



COUNT ON OKADA.



The OMG Demolition and Material Handling Grapple has earned its reputation by performing in tough applications and continues that tradition with a design strength that is unparalleled in the industry. The proof is in its ability to have full breakout force of the excavator on a single tine.

Fully versatile, the OMG Series provides performance, production and profits in a wide range of applications and is offered in five different sizes for excavators ranging from 25,000 to 110,000 pounds. And they provide flexibility in mounting as the OMG can be mounted directly on the bucket pins (pin-on) or mounted using a pin-grabbing quick-coupler.

- *Recycling facilities (easily sort and separate material and quickly load crushers or shredders)*
- *Demolition (residential, commercial and industrial demolition is easier and safer)*
- *Land clearing (tree stumps can be extracted quickly)*
- *Reconstruction (no need for cable-and-sling as large, bulky objects are moved easily)*
- *Rock handling (precisely pick and place rip-rap and load shot rock without damaging your haul truck)*

Whether your job calls for demolition, scrap handling, rock handling, log and pipe handling or land clearing, the OMG Demolition and Material Handling Grapple has what it takes to get your job done.

KEY FEATURES

- *Heavy-duty AR500 material used in the tips and AR400 shells made of high tensile, high alloy, abrasion-resistant material in high wear areas.*
- *Reinforced heavy-duty box tine design for maximum strength.*
- *Large hardened pivot sleeves and bronze bushings.*
- *Adjustable stiff link.*
- *Wider curved bucket design produces larger volume of material per load.*
- *Full one-year 2,000 hour warranty (including finger tips).*

SPECIFICATIONS

OMG MODELS		30C-2	40C-2	50C-2	70C-2	100C-2
INFORMATION						
Carrier Class	1000 lb	25 - 35	35 - 46	46 - 65	65 - 88	88 - 110
	m ton	11 - 16	16 - 21	21 - 29	29 - 40	40 - 50
Operating Weight	lb	2000	2700	3600	5000	7000
	kg	907	1225	1633	2268	3175
Overall Length	inch	48	54	54	67	72
	mm	1219	1372	1372	1702	1829
Upper Jaw Overall Width	inch	26	26	32	34	36
	mm	660	660	813	864	914
Lower Jaw Overall Width	inch	44	44	51	56	61
	mm	1118	1118	1295	1422	1549
Upper Jaw Tine Width	inch	7.5	7.5	9.5	10	11
	mm	190	190	241	254	279
Lower Jaw Center & Outer Tine Width	inch	7.5	7.5	8.25	10	11
	mm	190	190	210	254	279
Jaw Open	inch	80	94	94	116	130
	mm	2032	2388	2388	2946	3302
Jaw Closed	inch	12	16	16	20	22
	mm	305	406	406	508	559



Specifications are subject to change without notice.

Other OMG Series Grapple sizes available upon request.

Your Local Okada Dealer



HYDRAULIC BREAKERS | COMPACTORS

DEMOLITION CRUSHERS & SHEARS | PULVERIZERS

ROTATING PULVERIZERS | TROMMEL SCREENING BUCKETS

DEMOLITION & MATERIAL GRAPPLES

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