OKADA

FULL-LINE PRODUCT CATALOG

HYDRAULIC BREAKERS

PLATE COMPACTORS

PULVERIZERS

SHEARS

CRUSHERS

MULTI-PROCESSORS

GRAPPLES

SCREENING BUCKETS

TABLE OF CONTENTS

Since 1995, Okada America has been offering a wide variety of hydraulic attachments.

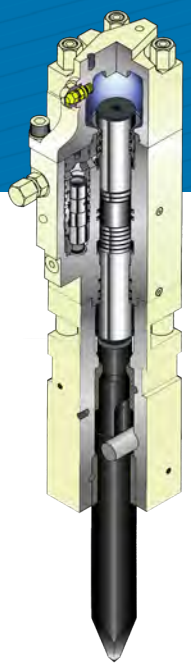
Okada America operates three warehouses across multiple time zones for optimal parts availability.

All common carrier specific mounting brackets are kept in stock.

Factory reconditioning available for Okada breakers with factory warranty.

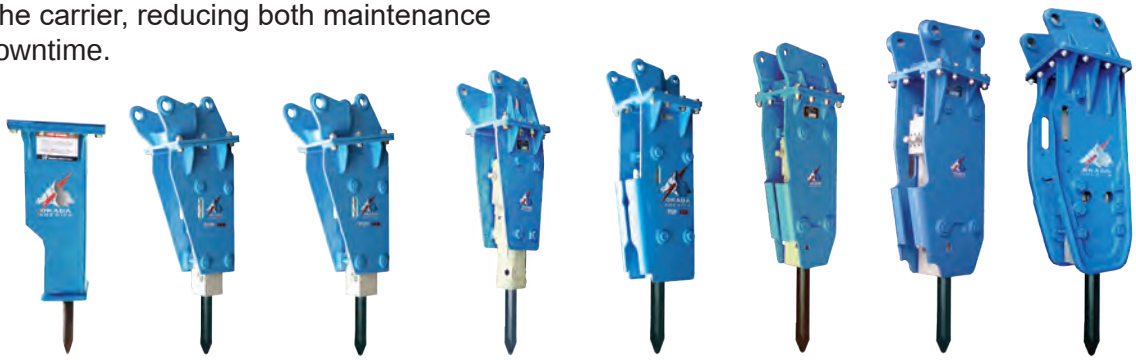
Our PSR's provide hands-on training for dealer technicians at their facilities to enhance performance and ROI.

Our goal is to deliver top-tier products, exceptional customer support, all while maintaining competitive pricing.



TOP SERIES

Advanecd Okada tehnology elimates the need for an accumulator without affecting the hydraulic apparatus on the carrier, reducing both maintenance costs and downtime.

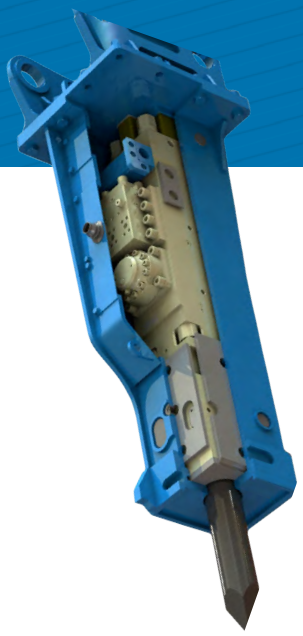


	MODEL	TOP21H	TOP31	TOP35B	TOP45B	TOP55B	TOP60CX	TOP90	TOP100A
INFORMATION									
Carrier Class	lbs (1000)	2.2 - 5	3.3 - 8.8	4.4 - 8.8	10 - 18	10 - 18	12 - 20	15 - 26	22 - 42
	m ton	1 - 2.3	1.5 - 4	2 - 4	4.5 - 8	4.5 - 8	5 - 9	7 - 12	10 - 18
Impact Energy Class	ft lb	225	375	550	850	1000	1500	2000	2500
	Joules	305	509	746	1153	1356	2034	2712	3390
Operating Weight	lb	321	386	565	780	1060	1347	1450	2440
	kg	146	175	256	354	481	611	658	1107
Unit Working Length	inch	48	55	61	63	72	81	84	81
	cm	122	140	155	160	183	206	213	206
Tool Diameter	inch	1.77	2.24	2.4	2.7	2.9	3.3	3.9	4.3
	mm	45	57	61	69	74	84	99	109
Tool Working Length	inch	11.9	14.5	14.6	16.1	19.4	21.2	21.9	23.4
	mm	302	368	371	409	493	538	556	594
Frequency	L Model bpm	550 - 1000	450 - 1000	380 - 1000	800 - 1100	400 - 800	350 - 700	550 - 850	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	4.5 - 11	7 - 18	14 - 28	17 - 35	22 - 39	20 - 37	30 - 56	40 - 63
	kW	3.3 - 8	5.2 - 13.5	11 - 21	13 - 26	17 - 29	15 - 27	23 - 42	30 - 47
Mechanical Energy Average	hp	7.8	12.5	21	26	30.5	28.5	43	51.5
	kW	6	9	16	19	23	21	32	48
HYDRAULICS									
Oil Flow Range	gpm	4 - 9	7 - 15	13-17	17 - 22	15 - 23	16 - 26	22 - 31	31- 41
	lpm	15 - 34	25 - 56	49 - 64	64 - 83	56 - 87	60 - 98	83 - 117	115 - 155
Operating Pressure	psi	1300 - 1740	1450 - 2030	1600 - 2400	1450 - 2320	2030 - 2465	1990 - 2418	2030 - 2620	2030 - 2620
	bar	90 - 120	100 - 140	110 - 165	100 - 160	140 - 170	137 - 167	140 - 180	140 - 180

1) Oil flow at no load.

2) Specifications are subject to change without prior notice.

BREAKERS



	MODEL	TOP150	TOP205J	TOP270B	TOP350J	TOP400J	TOP800	TOP1000J
INFORMATION								
Carrier Class	lbs (1000)	28 - 42	40 - 60	44 - 66	62 - 114	88 - 132	110 - 176	165 - 220
	m ton	13 - 19	18 - 27	20 - 30	28 - 52	40 - 60	50 - 80	75 - 100
Impact Energy Class	ft lb	3000	4000	5500	9000	12000	15000	17000
	Joules	4068	5424	7458	12204	16272	20340	23052
Operating Weight	lb	3000	4120	5380	6650	9350	12350	15000
	kg	1361	1868	2440	3016	4240	5601	6800
Unit Working Length	inch	94	103	123	126	145	160	177
	cm	239	262	312	320	368	406	450
Tool Diameter	inch	4.8	5.3	5.5	6.1	6.7	7.4	8.3
	mm	122	135	140	155	170	188	210
Tool Working Length	inch	24	27.5	28.7	32.6	36.8	40.5	36
	mm	610	699	730	828	935	1029	915
Frequency	L Model bpm	370 - 430	360 - 440	400 - 500	320 - 400	320 - 400	260 - 360	200 - 280
	S Model bpm	n/a	500 - 560	600 - 700	n/a	n/a	n/a	n/a
ENERGY								
Mechanical Energy	hp	42 - 63	60 - 95	60 - 105	88 - 130	103 - 167	108 - 182	156 - 219
	kW	31 - 47	45 - 71	45 - 78	66 - 97	77 - 125	80 - 135	116 - 163
Mechanical Energy Average	hp	52.5	78	82.5	109	135	145	188
	kW	39	58	62	81	101	108	140
HYDRAULICS								
Oil Flow Range	gpm	31 - 41	36 - 53	47 - 63	63 - 77	74 - 90	100 - 127	111 - 132
	lpm	115 - 155	136 - 200	178 - 238	238 - 291	280 - 340	299 - 480	420 - 500
Operating Pressure	psi	2030 - 2620	2030 - 2620	2030 - 2465	2320 - 2620	2320 - 2620	1990 - 2620	2470 - 2900
	bar	140 - 180	140 - 180	140 - 170	160 - 180	160 - 180	137 - 180	170 - 200

1) The TOP205J and TOP270B 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.

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	1500HX
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
	m ton	1 - 2.3	1 - 2.3	1.5 - 4	3 - 6.4	4.5 - 8	4.5 - 8	6 - 10
Impact Energy Class	ft lb	225	225	375	550	850	1100	1500
	Joules	305	305	509	746	1153	1492	2034
Operating Weight	lb	350	321	413	575	730	1118	1667
	kg	159	146	187	261	331	507	756
Unit Working Length	inch	48	48	55	62	63	75	83
	cm	122	122	139	157	160	190	212
Tool Diameter	inch	1.77	1.77	2.24	2.75	2.95	3.15	3.54
	mm	45	45	57	70	75	80	90
Tool Working Length	inch	11.9	11.9	14.1	15.9	16.2	19.5	22.6
	mm	302	302	357	404	411	496	575
Frequency	L Mode bpm	550-1000	550-1000	600-1500	380-1000	380-900	400-800	350-700
	S Mode bpm	n/a	n/a	n/a	n/a	n/a	600-1100	490-1000
ENERGY								
Mechanical Energy	hp	4.5 - 11	4.5 - 11	4.6 - 19	12 - 30	17 - 33	14 - 37	15 - 38
	kW	3.3 - 8	3.3 - 8	3 - 14	9 - 22	13 - 25	10 - 28	11 - 28
Mechanical Energy Average	hp	7.8	7.8	11.8	21	25	25.5	26.5
	kW	6	6	9	16	19	19	20
HYDRAULICS								
Oil Flow Range (At No Load)	gpm	4 - 9	4 - 9	8 - 18	11 - 18	14 - 20	15 - 23	16 - 26
	lpm	15 - 34	15 - 34	30 - 70	49 - 64	64 - 83	56 - 87	60 - 98
Operating Pressure	psi	1300-1740	1300-1740	1280-1706	1600-2400	1740-2400	1990-2418	
	bar	90 - 120		88 - 118	110 - 165	120 - 165	137 - 167	

1) All models are Box style housings except the ORV250LT.

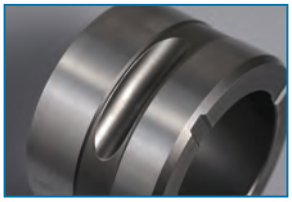
2) The L- mode frequency is the normal mode.

3) Operating weight includes complete breaker assembly with UMB.

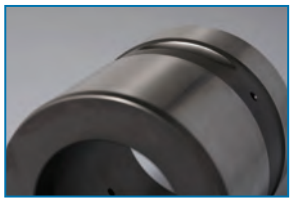
BREAKERS

OKADA AMERICA

Shank Bushing

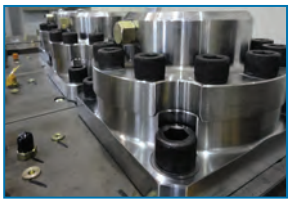


Front Cap Bushing

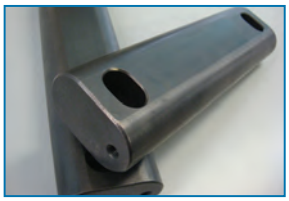


Valve

Accumulator



Oval Chisel Pin



	MODEL	2500H	3000H	4000H	5000H	7500H	10000H	12000H
INFORMATION								
Carrier Class	1000 lb	22 - 34	28 - 40	38 - 54	44 - 66	60 - 92	76 - 132	99 - 176
	m ton	10 - 15	13 - 18	17 - 25	20 - 30	27 - 42	35 - 60	45 - 80
Impact Energy Class	ft lb	2500	3000	4000	5000	7500	10000	12500
	Joules	3390	4068	5424	6780	10170	13560	16950
Operating Weight	lb	1990	2550	3500	4400	5950	8400	9921
	kg	902	1156	1587	1995	2698	3810	4499
Unit Working Length	inch	89	91	103	114	124	141	142
	cm	226	231	262	290	315	358	361
Tool Diameter	inch	4.1	4.5	5.3	5.7	6.1	6.7	7.1
	mm	104	114	135	145	155	170	180
Tool Working Length	inch	23.4	24	28.9	28.2	30.2	34.9	32
	mm	594	610	734	716	767	886	813
Frequency	L Mode bpm	350-550	320-550	320-480	270-400	230-400	230-330	270-380
	S Mode bpm	600-900	400-470	400-600	330-500	270-470	270-500	380-530
ENERGY								
Mechanical Energy	hp	35 - 65	45 - 78	62 - 98	73 - 117	98 - 133	94 - 158	101 - 176
	kW	26 - 48	33 - 58	47 - 73	55 - 87	73 - 99	70 - 117	75 - 131
Mechanical Energy Average	hp	50	61.5	80	95	115.5	126	138.5
	kW	37	46	60	71	86	94	103
HYDRAULICS								
Oil Flow Range (At No Load)	gpm	25 - 35	32 - 42	40 - 53	47 - 63	63 - 72	64 - 85	69 - 95
	lpm	94 - 132	121 - 159	151 - 200	178 - 239	238 - 273	242 - 321	261 - 359
Operating Pressure	psi	2030 - 2700		2275 - 2700			2130 - 2700	
	bar	140 - 180		157 - 180			147 - 180	

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.

OAC SERIES

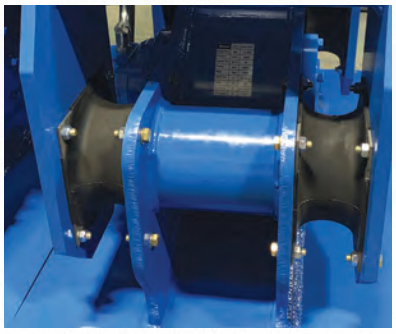
Okada delivers job-cost efficiency and versatility to soil compaction and pile driving with a line of compactors to fit your job-site conditions.

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.

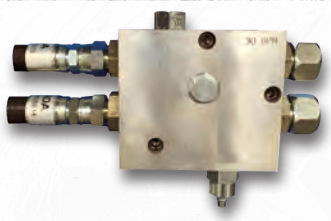
FEATURES

- 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.*

Backfill Blade



Heavy Duty Rubber Isolators



Flow Control Valve

APPLICATIONS

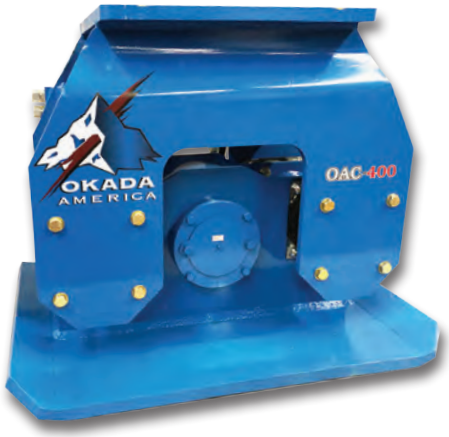
- Aggregate and soil compaction
- Trench compaction
- Steep slope compaction
- Soil stabilization
- Backfilling
- Pile driving -
  - Fence posts
  - Marine work
  - Wood poles for foundations

PLATE COMPACTORS

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

OAC200
Shown with optional Backfill Blade and Swivel

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



OAC400
Available with optional Backfill Blade

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 - 12,000 lbs 2.7 - 5.4 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.*
OAC150 and OAC300-24 are for compaction only; use as pile/post drivers or extractors is prohibited.

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.

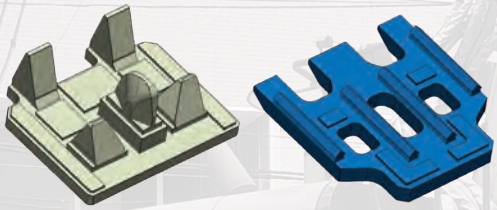
FEATURES

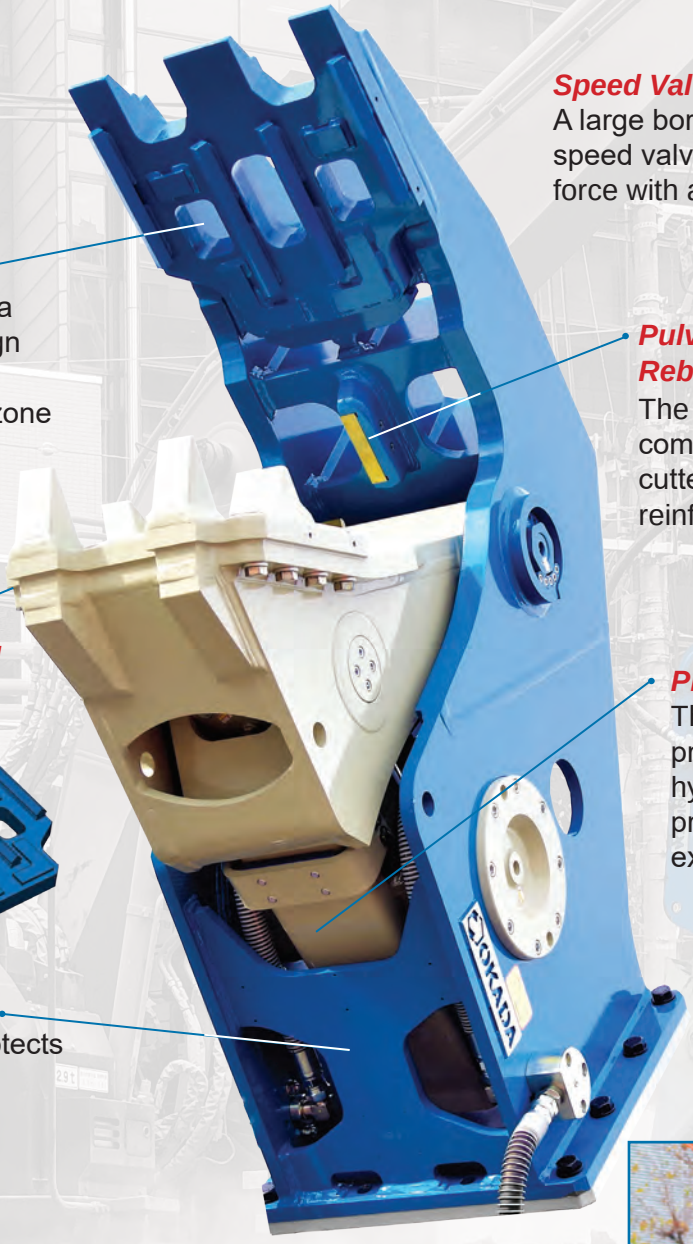
Speed Valve for Shorter Cycle Times
A large bore cylinder, short stroke and speed valve creates unmatched crushing force with a short cycle time.

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.

Pulverizing Wedges & Reversible Rebar Cutting Blade
The unique Okada crushing teeth combines pulverizing wedges and cutter blades to efficiently process reinforced concrete.

Bolt-On Replaceable Tooth Pad
Models OSC220US & 380A only.





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.

Built-In Pressure Relief Valve
A standard built-in relief valve protects against overload.

APPLICATIONS

Secondary demolition

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

see the OSC in action

FIXED PULVERIZERS

SPECIFICATIONS

MODELS		35B	70B	135B	220US	380A	500A	200HMA (MAGNETIC)
INFORMATION								
Carrier Class	1000 lb	6.6 - 11	13 - 20	22 - 35	40 - 66	66 - 110	88 - 220	40 - 66
	ton	3 - 5	6 - 9	10 - 16	18 - 30	30 - 50	40 - 100	18 - 30
Operating Weight	lbs	684	1521	2800	4823	8149	11280	5316
	kg	310	690	1274	2188	3696	5118	2413
Overall Length	inch	48	62	77	75	91	116	82
	mm	1230	1585	1955	1905	2318	2950	2075
Overall Height	inch	28	38	46	54	67	84	61
	mm	715	955	1175	1365	1705	2135	1560
Max. Jaw Opening	inch	17	24	29	35	43	58	34
	mm	425	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	US ton	35	51	67	99	108	125	99
	kN	315	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.

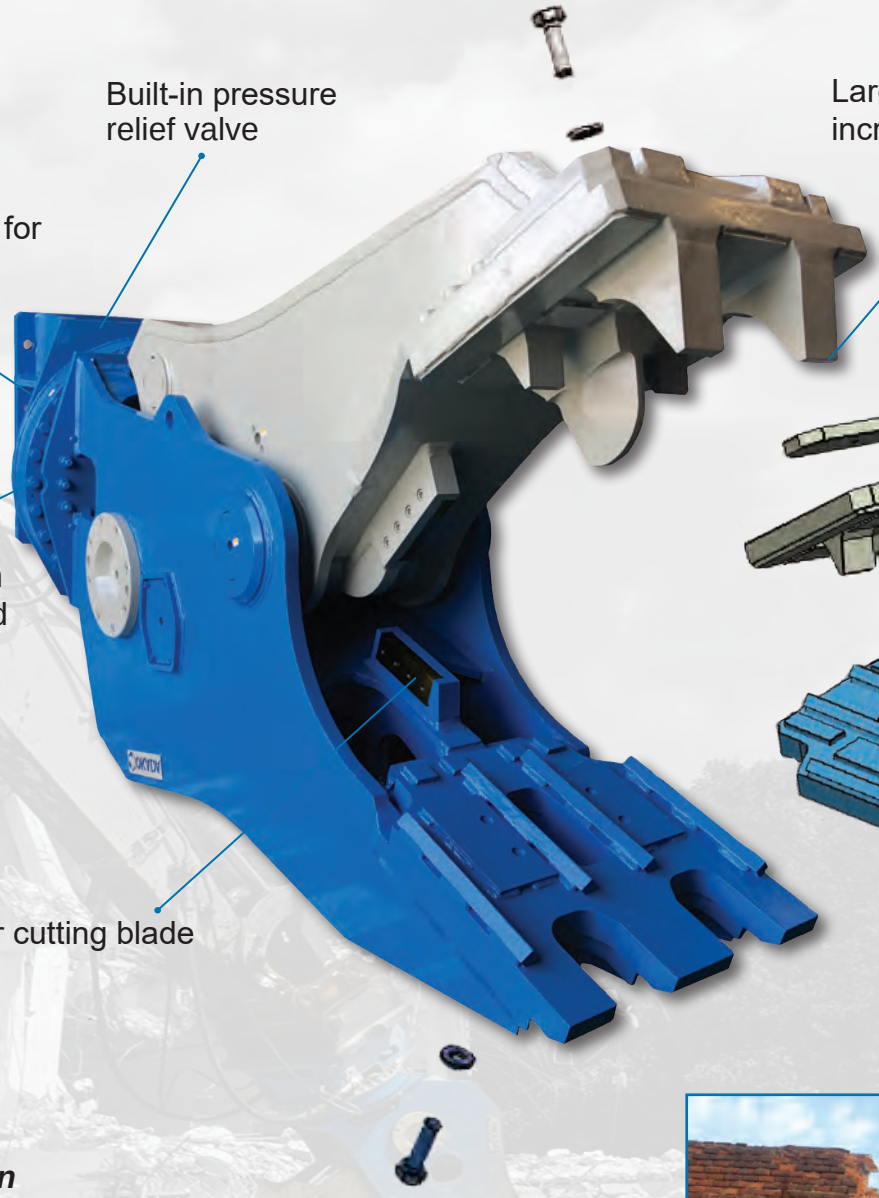
All models are equipped with a speed valve and built-in pressure relief valve.

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

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

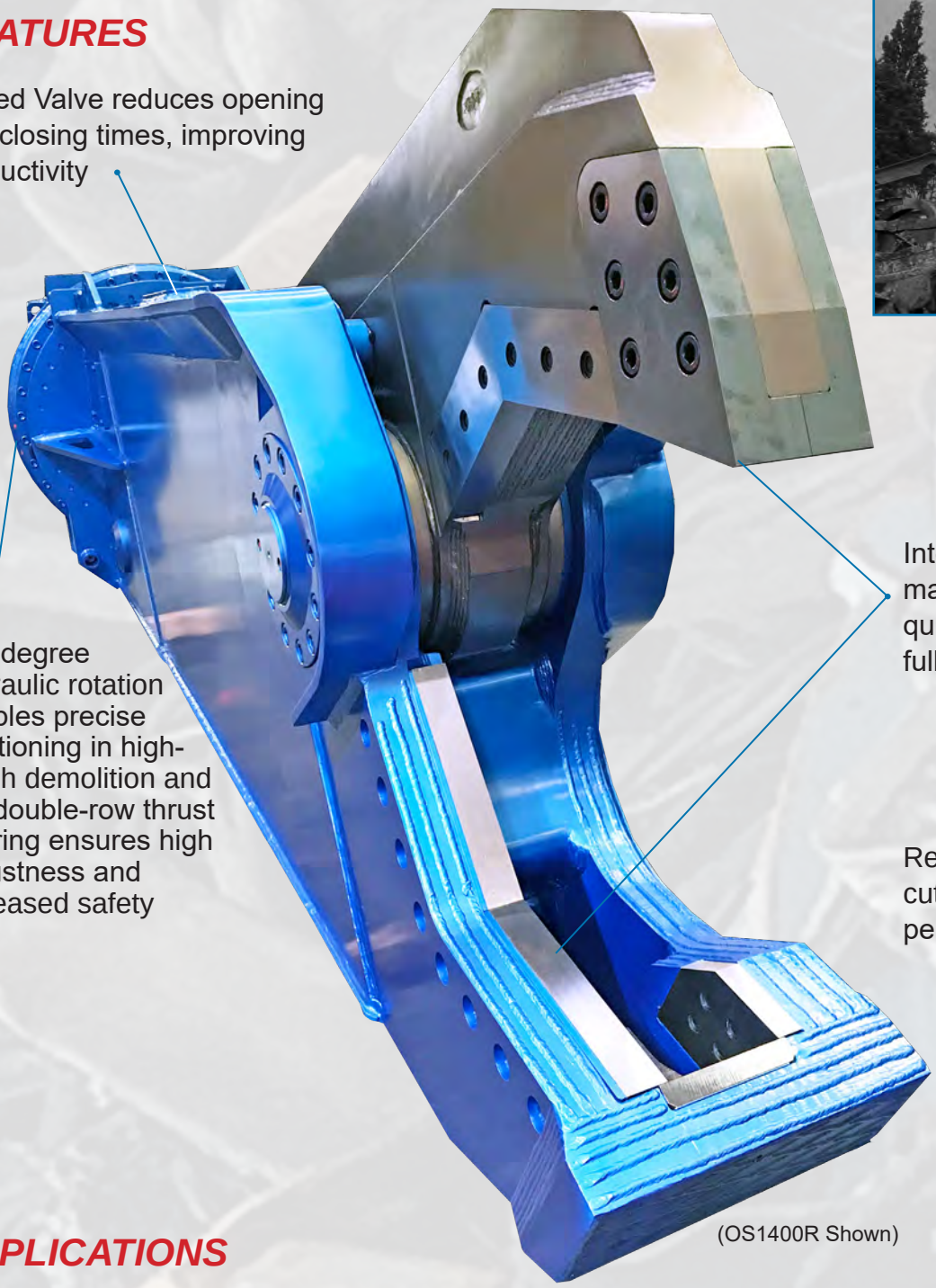
Specifications are subject to change without notice.
Specifications assume the use of an Okada Universal Pin Mount is used.

OS SERIES

Okada's OS Series Scrap Shear is a versitile 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 13-374,000 lb class carrier which provides flexibility for hard to get to areas of demolition.

FEATURES

Speed Valve reduces opening and closing times, improving productivity



360 degree hydraulic rotation enables precise positioning in high-reach demolition and the double-row thrust bearing ensures high robustness and increased safety

Interchaneable tip and blades make maintenance simple and quick which keeps the tool at full efficiency

Redesigned jaws and increased cutting force allow for high-level performance in metal cutting

(OS1400R Shown)

APPLICATIONS

Primary demolition

- Iron and steel demolition of large structures or buildings, large transport vessles, tanks and cisterns
- See Cutting Applications in table at right.

Secondary demolition

- Scrap and recycling of ferrous material

SCRAP SHEARS

OS MODEL		140R*	260R	290R	500R	780R	1200R	1400R	2100R	3450R
INFORMATION										
Carrier Class 3rd Member	1000 lb	13 - 20	24 - 28	28 - 37	40 - 55	66 - 88	100 - 121	121 - 143	165 - 187	264 - 374
	m ton	6 - 9	11 - 13	13 - 17	18 - 25	30 - 40	45 - 55	55 - 65	75 - 85	120 - 170
Carrier Class 2nd Member	1000 lb	6.6 - 13	15 - 22	17 - 26	30 - 39	44 - 61	61 - 86	86 - 99	99 - 132	176 - 242
	m ton	3 - 6	7 - 10	8 - 12	14 - 18	20 - 28	28 - 39	39 - 45	45 - 60	80 - 110
Operating Weight 3rd Member	lb	1414	2685	2946	5026	7878	11559	13874	20769	34660
	kg	642	1217	1337	2280	3574	5243	6293	9420	15720
Operating Weight 2nd Member	lb	1582	2921	3185	5176	8472	11949	14994	21499	36620
	kg	718	1326	1446	2348	3843	5420	6801	9751	16609
Overall Length	inch	64	79	83	106	130	144	156	157	189
	mm	1625	2000	2100	2700	3300	3700	3950	3980	4800
Maximum Jaw Opening	inch	10	15	15	18	22	26	30	35	43
	mm	260	375	375	445	565	670	760	900	1100
Jaw Depth	inch	12	16	16	21	25	28	31	35	43
	mm	300	395	395	525	630	720	780	890	1100
JAW OPEN & CLOSE										
Oil Flow	gpm	13 - 26	23 - 29	23 - 29	39 - 52	52 - 66	66 - 79	72 - 99	158 - 185	211 - 264
	lpm	50 - 100	90 - 110	90 - 110	150 - 200	200 - 250	250 - 300	275 - 375	600 - 700	800 - 1000
Operating Pressure	psi	3045 - 4351	3625 - 4351	3625 - 4350	4640 - 5076	4640 - 5076	4640 - 5076	4640 - 5076	4640 - 5511	4640 - 5511
	bar	210 - 300	250 - 300	250 - 300	320 - 350	320 - 350	320 - 350	320 - 350	320 - 380	320 - 380
Speed Valve		--	o	o	o	o	o	o	o	o
ROTATION										
Oil Flow	gpm	2.6 - 7.9	2.6 - 4	7.9 - 10.5	7.9 - 10.5	7.9 - 10.5	7.9 - 10.5	7.9 - 10.5	13.2 - 15.9	15.9 - 19.8
	lpm	10 - 30	10 - 15	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40	50 - 60	60 - 75
Operating Pressure	psi	870 - 3045	2755 - 2900	1305 - 1450	18856 - 2175	1450 - 1667	1450 - 1667	1450 - 1667	2030 - 2175	2755 - 2900
	bar	60 - 210	190 - 200	90 - 100	130 - 150	100 - 115	100 - 115	100 - 115	140 - 150	190 - 200
Case Drain Required (HR)	y / n	1/4" ORFS	no	no	no	1/4" BSPP	1/4" BSPP	1/4" BSPP	1/4" BSPP	1/4" BSPP
CUTTING APPLICATIONS										
Rod	inch	1.7	2.2	2.2	2.6	3.3	3.9	4.3	5.5	6.5
	mm	42	55	55	65	85	100	110	140	165
Pipe	inch	5 x 0.16	7 x 0.24	7 x 0.24	8 x 0.31	12.8 x 0.39	16.0 x 0.47	20 x 0.55	24 x 0.63	32 x 0.79
	mm	127 x 4	178 x 6	178 x 6	203 x 8	324 x 10	406 x 12	508 x 14	610 x 16	813 x 20
HEA Beam	inch	8.0	7.9	7.9	11.0	13.4	15.7	19.7	27.6	31.5
	mm	200	200	200	280	340	400	500	700	800
HEB Beam	inch	3.9	4.7	4.7	7.9	11.0	11.8	14.2	19.7	25.6
	mm	100	120	120	200	280	300	360	500	650
Plate	inch	0.20	0.50	0.50	0.60	0.80	1.00	1.00	1.20	1.50
	mm	6	12	12	15	20	25	25	30	38

* OS140R is also available for 3-5 metric ton skid steer loaders (Model SSOS140R).

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Operating weight includes Upper Mounting Bracket

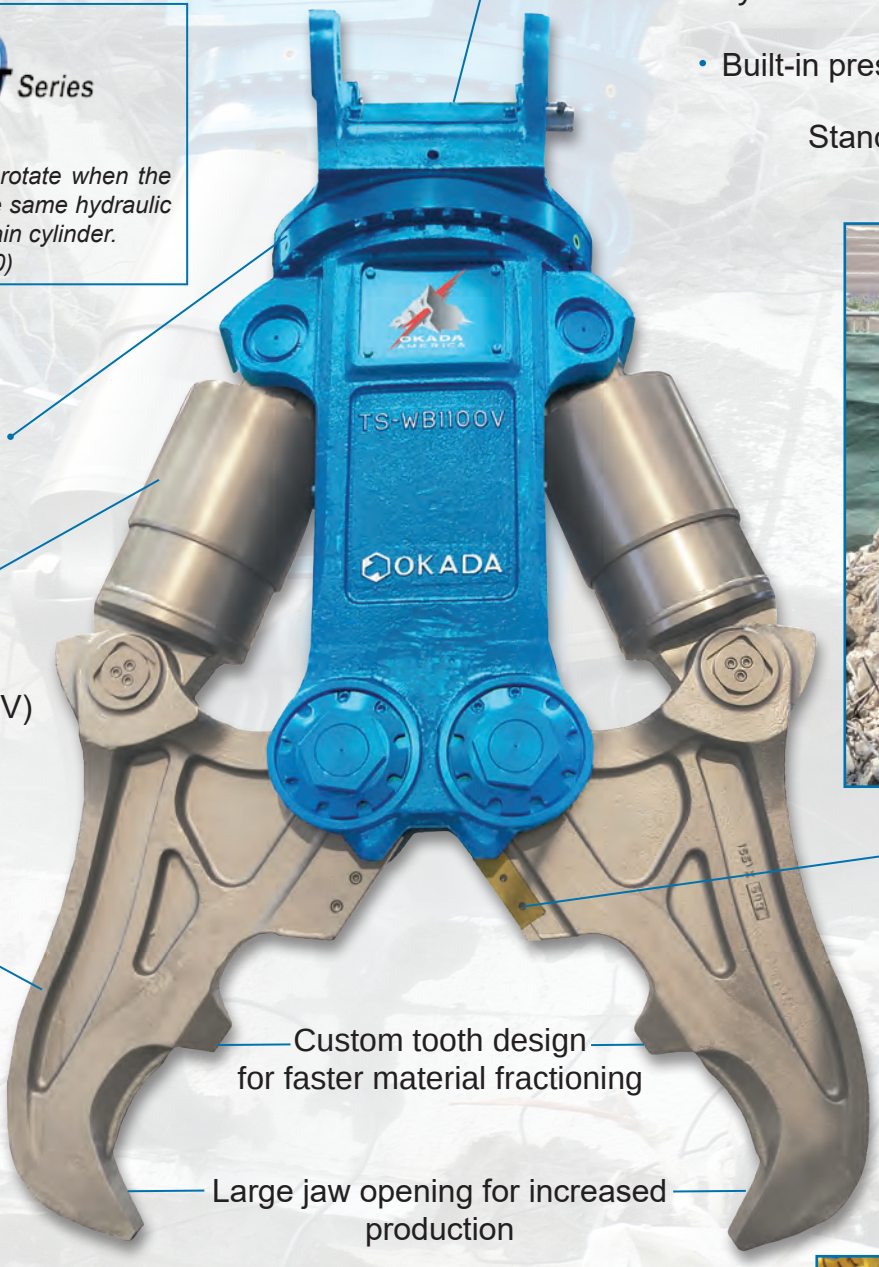
TSWB SERIES

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 SILENT Series

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)



- Standard speed valve for shorter cycle times
- Built-in pressure relief valve
- Standard flat-mount design

- 360° hydraulic rotation
- High pressure twin cylinders with cylinder rod covers (except for TSWB 2200V)
- Seamless casting components
- Reversible rebar cutting blade
- Custom tooth design for faster material fractioning
- Large jaw opening for increased production

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

MODELS		TSWD 500V	TSWD 720V	TSWB 950V	TSWB 1100V	TSWB 1400V	TSWD 1700V	TSWB 1900V	TSWD 2200V	TSWB 2400V
INFORMATION										
Carrier Class	1000 lb	8 - 12	13 - 20	26 - 55	44 - 77	66 - 110	88 - 154	154 - 220	154 - 220	220 -
	m ton	4 - 5.5	6 - 9	12 - 25	20 - 35	30 - 50	40 - 70	70 -100	70 - 100	100 -
Operating Weight	lb	1191	1962	3740	5600	9460	11576	16340	21609	26460
	kg	540	890	1690	2540	4290	5250	7410	9800	12000
Overall Length	inch	58	74	90	104	117	124	140	146	159
	mm	1480	1870	2280	2635	2970	3160	3560	3705	4050
Overall Width	inch	33	48	55	64	79	92	102	122	124
	mm	835	1215	1405	1625	1995	2335	2600	3090	3160
Max. Jaw Opening	inch	20	28	37	43	55	67	75	87	95
	mm	500	720	950	1100	1400	1700	1900	2200	2400
Cutting Blade Length	inch	4	5	6	8	8	10	11	no blade	11
	mm	90	120	150	200	200	250	280	no blade	280
FORCE										
Crushing Force at Tip	sh ton	37	40	68	106	124	144	225	236	242
	kN	330	355	605	940	1100	1280	2000	2100	2150
HYDRAULICS										
Max. Oil Flow	gpm	19	26	53	106	132	159	185	185	185
	lpm	70	100	200	400	500	600	700	700	700
Operating Pressure	psi	3626	4061	4351	4351	4351	4351	4351	4351	4351
	bar	250	280	300	300	300	300	300	300	300
Case Drain Required (HR)	y / n	y	n	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.

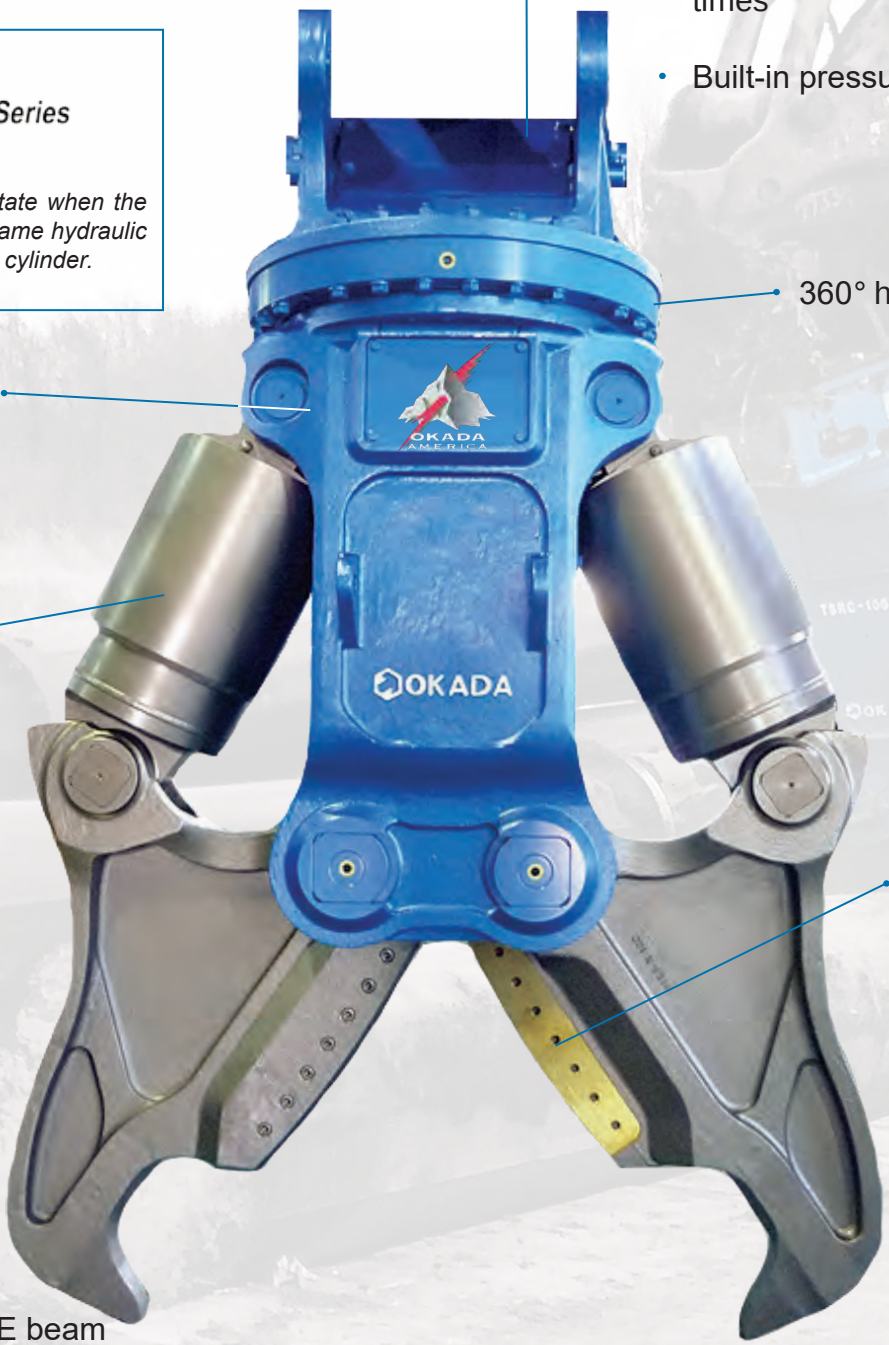
TSRC SERIES

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

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)



- Speed valve for shorter cycle times
- Built-in pressure relief valve
- 360° hydraulic rotation
- Seamless casting components
- High-pressure twin cylinders
- 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 1500V	TSRC 1700V	TSRC 2100V
INFORMATION						
Carrier Class	1000 lb	44 - 77	66 - 110	88 - 132	132 - 220	220 -
	m ton	20 - 35	30 - 50	40 - 60	60 - 100	100 -
Operating Weight	lb	5760	9310	11356	16650	24387
	kg	2610	4220	5150	7550	11060
Overall Length	inch	101	115	126	143	160
	mm	2555	2920	3190	3630	4060
Overall Width	inch	61	75	90	96	116
	mm	1540	1900	2285	2430	2950
Max. Jaw Opening	inch	39	51	59	67	83
	mm	1000	1300	1500	1700	2100
Cutting Blade Length	inch	19	22	24	25	29
	mm	480	550	600	650	750
FORCE						
Cutting Force at Center	sh ton	278	320	409	549	614
	kN	2470	2850	3640	4880	5460
Crushing Force at Tip	sh tons	107	124	157	208	225
	kN	950	1100	1400	1850	2000
HYDRAULICS						
Max. Oil Flow	gpm	106	132	159	185	185
	lpm	400	500	600	700	700
Operating Pressure	psi	4351	4351	4641	4641	4351
	bar	300	300	320	320	300
Case Drain Required (HR)	y / n	n	n	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.

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 SILENT Series

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)

Built-in pressure relief valve

360° hydraulic rotation

Single hydraulic cylinder

Seamless casting components

Reversible main ARC blades

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

Optional cracker tooth

see the TSS in action

APPLICATIONS

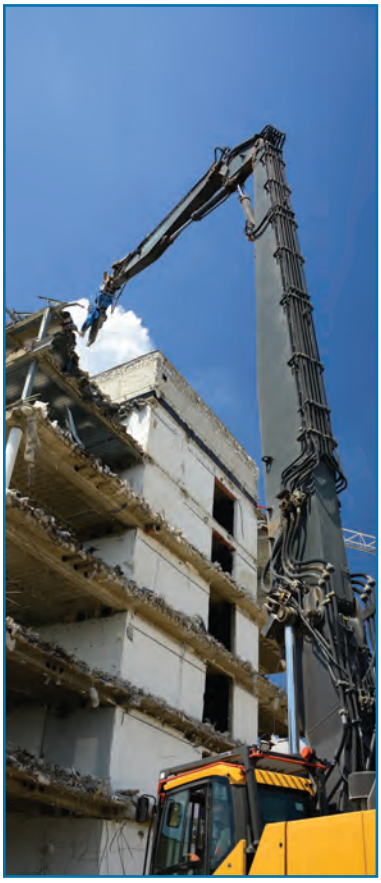
Primary demolition

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

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.

OMS SERIES

Okada's wide range of Multi-Processors and Jaw Kits make them customizable for both primary and secondary demolition, making them the perfect tool for a wide range of specific jobs.

FEATURES

Speed-valve reduces opening and closing times, improving productivity

Continuous hydraulic rotation enables precise positioning in high-reach demolition and the double-row thrust bearing ensures high robustness and increases safety

Inverted cylinders provides the necessary power to face reinforced concrete

Interchangeable jaw sets help make maintenance simple and quick, keeping the tool at full efficiency (see specifications at right for jaw set options)

Quick and easy routine maintenance allows for a reduction in intervention times and costs

Cutting edges can be inserted in the legs allowing the cutting of reinforement armor. The shear kit cuts scrap and iron structures

APPLICATIONS

Primary demolition

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

Secondary demolition

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

MULTI-PROCESSORS

OMS MODEL			17R	25R	30R	50R	140R
SPECIFICATIONS							
	Carrier Class	1000 lb	35 - 44	46 - 60	60 - 88	99 - 121	264 - 352
		m ton	16 - 20	21 - 27	28 - 40	45 - 55	120 - 160
	Required Oil Flow	gpm	34 - 40	47 - 58	58 - 66	66 - 79	185 - 264
		lpm	130 - 150	180 - 220	220 - 250	250 - 300	700 - 1000
	Operating Pressure	psi	4640 - 5075	4640 - 5075	4640 - 5075	4640 - 5075	4640 - 5075
		bar	320 - 350	320 - 350	320 - 350	320 - 350	320 - 350
CRUSHER JAW SET							
	Operating Weight	lbs	3640	4875	6395	11200	30865
		kg	1650	2210	2900	5080	14000
	Jaw Opening	inch	29.5	35.0	38.4	47.2	98.4
		mm	750	890	975	1200	2500
	Height	inch	73	78	86	116	169
		mm	1860	1980	2180	2940	4300
PULVERIZER JAW SET							
	Operating Weight	lbs	3750	4960	6880	12020	---
		kg	1700	2250	3120	5450	---
	Jaw Opening	inch	25.6	30.7	34.4	39.4	---
		mm	650	780	875	1000	---
	Height	inch	72	77	86	113	---
		mm	1830	1955	2180	2870	---
SCRAP SHEAR JAW SET							
	Operating Weight	lbs	3750	4930	6505	10870	30865
		kg	1700	2200	2950	4930	14000
	Jaw Opening	inch	13.0	18.1	21.7	24.8	45.3
		mm	330	460	550	630	1150
	Height	inch	71	79	86	116	163
		mm	1800	1995	2185	2945	4150
COMBI-CUTTER JAW SET							
	Operating Weight	lbs	3750	4930	6615	11640	---
		kg	1700	2235	3000	5280	---
	Jaw Opening	inch	27.6	32.7	34.4	43.3	---
		mm	700	830	875	1100	---
	Height	inch	73	80	85	120	---
		mm	1860	2020	2170	3040	---
PLATE SHEAR JAW SET							
	Operating Weight	lbs	---	4565	5955	9480	---
		kg	---	2070	2700	4300	---
	Jaw Opening	inch	---	11.8	12.2	14.2	---
		mm	---	300	310	360	---
	Height	inch	---	75	79	109	---
		mm	---	1895	2000	2760	---

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Operating weight includes a jaw set with Upper Mounting Bracket

ORG SERIES

The Okada HD Rotating Grapple, is an indispensable piece of equipment designed to tackle the diverse demands of construction and demolition sites with unparalleled efficiency and precision. With its robust design and advanced features, the Okada HD Rotating Grapple effortlessly performs tasks ranging from material handling and demolition to sorting, clearing debris, site preparation, and loading/unloading operations. Engineered to excel in even the most demanding environments, this grapple revolutionizes workflows, making every job easier and more streamlined.

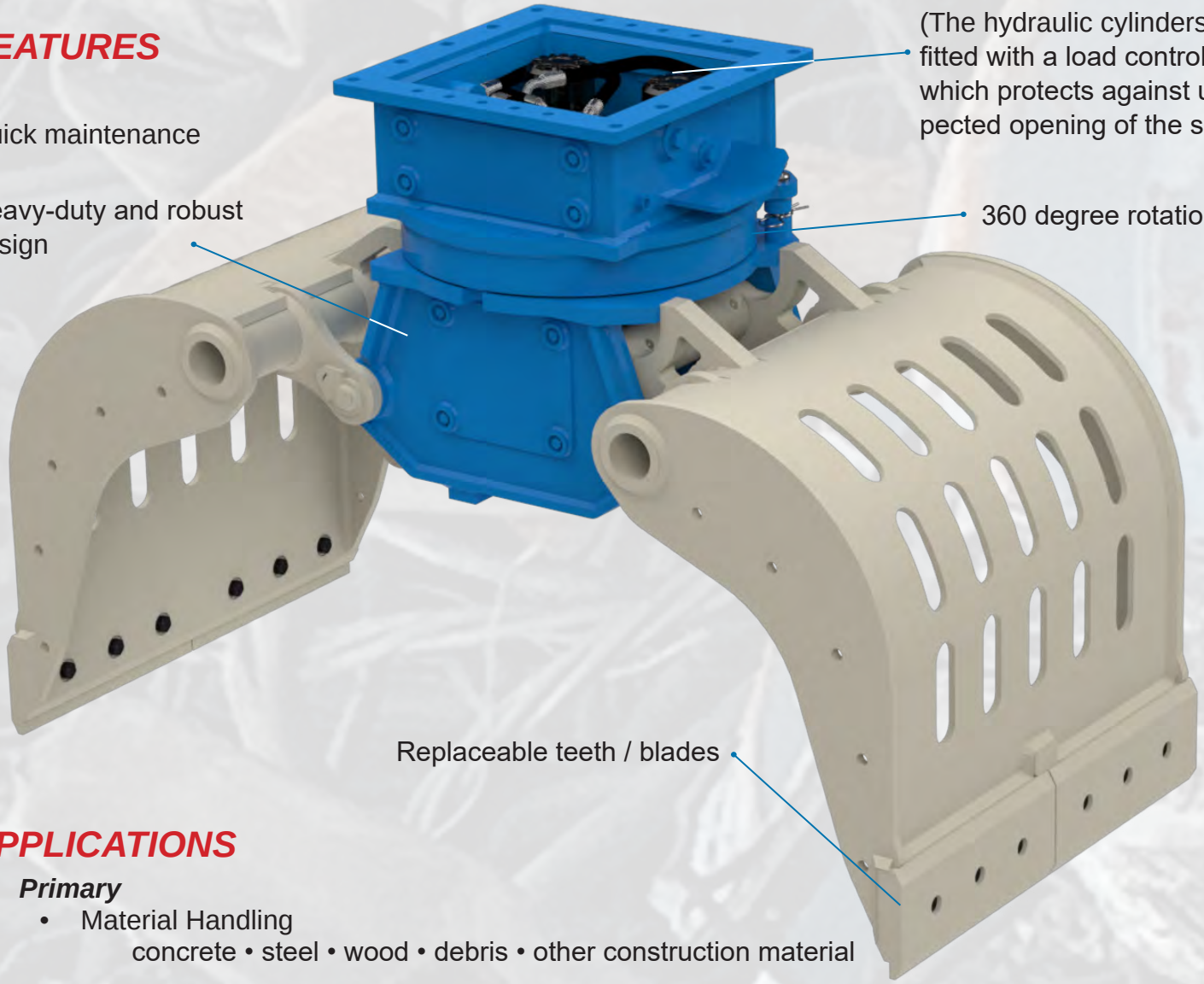
FEATURES

Quick maintenance

Heavy-duty and robust design

Load Control Valve
(The hydraulic cylinders are fitted with a load control valve which protects against unexpected opening of the shells)

360 degree rotation



Replaceable teeth / blades

APPLICATIONS

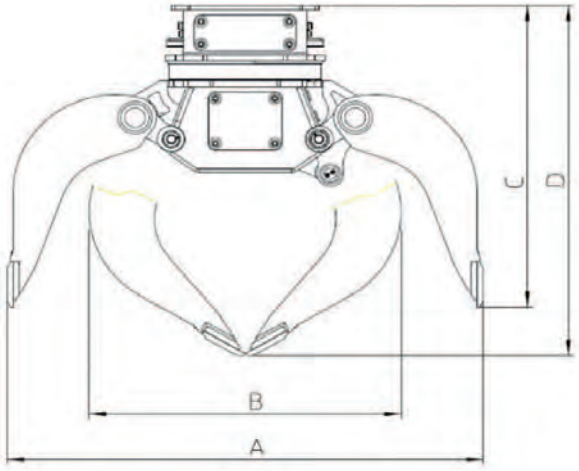
Primary

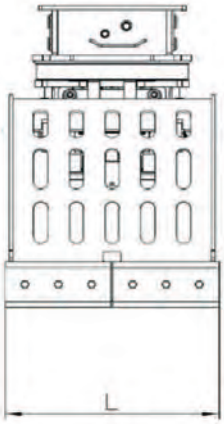
- Material Handling
  concrete • steel • wood • debris • other construction material
- Demolition of structures
  breaks apart concrete and the dismantling of large structures.
- Sorting and separating
  materials for recycling and disposal
- Clearing debris and waste from jobsites
- Site preparation

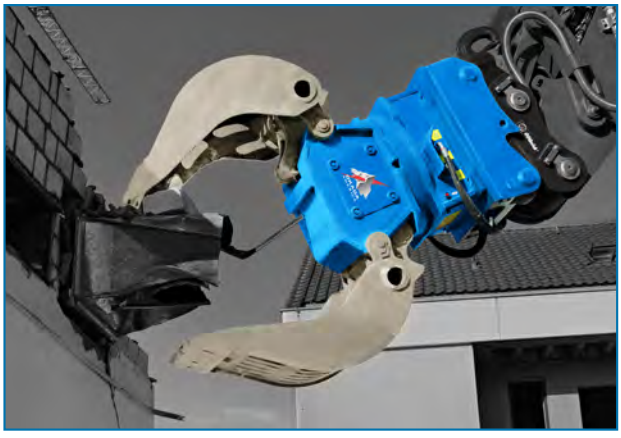
ROTATING GRAPPLES

SPECIFICATIONS

ORG HD MODEL		8R	14R	18R	23R	32R	40R	47R	51R	57R	64R	81R
INFORMATION												
Carrier Class	1000 lb	6.6 - 13	11 - 17	15 - 24	24 - 33	30 - 39	39 - 48	46 - 55	55 - 66	66 - 77	77 - 88	88 - 110
	m ton	3 - 6	5 - 8	7 - 11	10 - 15	14 - 18	18 - 22	21 - 25	25 - 30	30 - 35	35 - 40	40 - 50
Operating Weight	lbs	829	1359	1828	2277	3156	3487	3685	5118	5692	6377	8068
	kg	377	617	830	1034	1432	1582	1672	2322	2582	2893	3660
Volume	ft^3	3.5	7.1	10.6	14.1	17.7	24.7	28.3	31.8	3.5.3	38.8	47.7
	L	100	200	300	400	500	700	800	900	1000	1100	1350
DIMENSIONS												
Dimension A	inch	43	59	65	67	79	79	83	88	88	88	97
	mm	1100	1500	1650	1700	2000	2000	2100	2230	2240	2240	2450
Dimension B	inch	28	41	43	43	51	51	56	55	56	57	62
	mm	715	1030	1090	1100	1300	1300	1430	1400	1420	1455	1578
Dimension C	inch	32	43	45	45	53	53	54	59	59	59	62
	mm	800	1100	1130	1140	1340	1340	1370	1490	1500	1500	1565
Dimension D	inch	36	49	52	53	61	61	63	69	70	70	73
	mm	910	1240	1310	1340	1550	1550	1600	1745	1770	1770	1854
Dimension L	inch	20	24	24	32	30	39	39	47	51	53	59
	mm	500	600	600	800	750	1000	1000	1200	1300	1350	1500
HYDRAULICS												
Oil Flow	gpm	2.6 - 3.9	5.2 - 7.9	5.2 - 7.9	5.2 - 7.9	13.2 - 15.8	13.2 - 15.8	13.2 - 15.8	18.4 - 21.1	18.4 - 21.1	18.4 - 21.1	26.4 - 31.7
	lpm	10 - 15	20 - 30	20 - 30	20 - 30	50 - 60	50 - 60	50 - 60	70 - 80	70 - 80	70 - 80	100 - 120
Working Pressure	psi	2900 - 3625	2900 - 3625	3625 - 4350	4350 - 4640	4350 - 5075	4350 - 5075	4350 - 5075	4350 - 5075	4350 - 5075	4350 - 5075	4350 - 5075
	bar	200 - 250	200 - 250	250 - 300	300 - 320	300 - 350	300 - 350	300 - 350	300 - 350	300 - 350	300 - 350	300 - 350







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Operating weight includes Upper Mounting Bracket

OMG MECHANICAL GRAPPLES

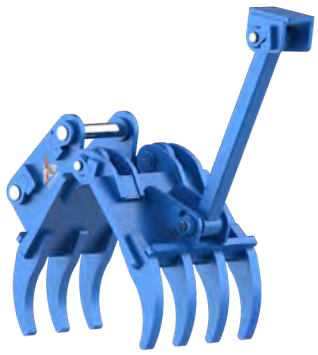
The Okada Mechanical Grapples is the ideal excavator attachment for land clearance, skip sorting and general forestry work. The mechanical grapple is the premier grapple of choice in the demolition and forestry industries due to its robust design and ease of use.

As our grapples are designed for use directly in place of the machines own bucket, no additional circuitry or hydraulics are required for the grapple as it uses the excavator link arm and cylinder to create movement. As the bucket cylinder is opened or closed, the jaws are opened or closed to grab carry or load.

The HD finger design allows for better handling of materials and more flexibility. The interlocked webbed design also provides more strength through the grapple construction. Built to exact tolerances from premium materials, the Okada Mechanical Grapples have an excellent strength to weight ratio. The robust, high strength steel reduces maintenance costs and increases lateral strength and longevity.

KEY FEATURES

- *HD Interlocked webbed design gives maximum strength*
- *Replaceable bearings in main hinges*
- *High strength, anti-abrasion steel*
- *Complies with rigorous safety requirements*
- *Seals protect the pins from*



20, 45, 75, 110, 130-LT

120, 185-HD

APPLICATIONS

The Okada Mechanical Grapple has been the grapple of choice in the demolition and logging industry for many years due to its robustness and simplicity. Their ability to handle irregularly shaped loads and loose materials makes them an essential tool for reprocessing, sorting and demolition works.

SPECIFICATIONS

OMG MODELS		*20-LT* Standard	*45-LT* Standard	*75-LT* Standard	*110-LT* Standard	*130-LT* Standard	*120-HD* Heavy Duty	*185-HD* Heavy Duty
INFORMATION								
Carrier Class	1000 lb	2.2 - 6.6	6.6 - 13	13 - 20	20 - 28	25 - 34	22 - 31	34 - 48
	m ton	1 - 3	3 - 6	6 - 9	9 -13	11 - 15	10 - 14	15 - 22
Operating Weight	lb	143	276	496	1102	1653	1422	2535
	kg	65	125	225	500	750	645	1150
Functional Jaw Opening	inch	31.5	39.4	47.2	62.2	67.3	74.0	84.6
	mm	800	1000	1200	1580	1710	1880	2150
Front Jaw Width	inch	9.8	12.2	13.8	19.7	22.4	20.9	25.6
	mm	250	310	350	500	570	530	650
Rear Jaw Width	inch	14.2	17.3	19.7	27.6	32.5	35.0	43.3
	mm	360	440	500	700	825	890	1100
Tine Jaw Arrangement		3 & 4	3 & 4	3 & 4	3 & 4	3 & 4	2 & 3	2 & 3

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TMB SCREENING BUCKETS

SCREENING PRODUCTIVITY

	SCREEN SIZE						
MODELS	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.

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