

OKADA AIYON

PRODUCT LINE-UP



OKADA Introduction



OKADA AIYON CORPORATION offers a variety of attachments mounted on excavators and has been an innovator in the field for many years all over the world, providing a broad range of sophisticated demolition equipment such as hydraulic hammers, crushers, pulverizers, grapples and so on. We are continually looking for ways to expand the capabilities and versatility of the demolition attachments we provide and as a result of that effort have become one of the world's leading authorities on hydraulic attachment technology.

< Outline >

- Head office : Osaka, Japan
- Established : July, 1938
- Listed : 1992, Osaka Stock Exchange
- 10 domestic branches & approx. 40 sales channel all over the world.



Hydraulic breaker



OKADA Hydraulic Hammer

Line-up

Application	okada 150	okada 200	okada 250	okada 400	okada 650	okada 800	okada 1000	okada 1300	okada 1500	okada 2600	okada 3600	TOP400	TOP800
Primary breaking	●	●	●	●	●	●	●	●	●	●	●	●	●
Secondary breaking	●	●	●	●	●	●	●	●	●	●	●	●	●
Civil construction	●	●	●	●	●	●	●	●	●	●	●	●	●
Demolition	●	●	●	●	●	●	●	●	●	●	●	●	●

Note) TLB bracket is available, please consult with the dealer when selecting breaker model for your applications



OKADA Hydraulic Hammer

Specification

	Unit	okada 150	okada 200	okada 250	okada 400	okada 650	okada 800	okada 1000	okada 1300	okada 1500	okada 2600	okada 3600	TOP400	TOP800
Working Pressure	Mpa	6-13	9-12	9-12	9-12	11-16	12-17	14-17	14-18	14-18	16-19	16-19	14~18	15~18
Oil Flow Consumption	L/min	12-25	12-25	15-30	23-70	30-65	35-75	50-110	75-120	65-100	120-175	180-250	220-270	260-380
Frequency	bpm	930~1300	800~1400	550~1000	600~1500	600~1100	400~920	350~1000	350-900	400~900	350~800	300~650	320~400	260~340
Operating weight	kg	55	80	125	187	260	360	545	830	940	1650	2500	4230	5600
Overall Length	mm	970	1070	1135	1450	1513	1609	2062	2125	2338	2679	3016	3833	4424
Working Steel Dia.	mm	40	40	45	57	70	75	90	95	105	135	150	169	189
Carrier machine weight range	ton	0.7~1.5	1.0~2.0	1.2~2.5	1.5~4	2~6.5	4.5~8	6~10	8-13	9~15	18~26	25~36	40~60	60~
Carrier output flow range	lpm	12~30	13~40	15~42	30~70	35~70	40~110	70~135	70-140	80~140	150~210	240~275	280~350	280~382

Note) The specifications above are subject to change without notice.



Demolition Crusher



OSC Series

Pulverizer

- ◆ Enormous crushing power.
- ◆ Wider crushing area.
- ◆ Short body and light handling.
- ◆ Speed valve reduces the cycle time.



OSC-200AV



	Unit	OSC-35AV	OSC-70AV	OSC-135AV	OSC-200AV	OSC-360AV	OSC-450V	OSC-650V
Operating weight	kg	250	610	1090	1750	3090	3450	5600
Overall length	mm	1245	1580	1930	2175	2700	3045	3625
Overall height	mm	705	960	1175	1410	1760	1840	2210
Max. jaw opening	mm	430	600	720	860	1105	1200	1500
Cutter blade length	mm	90	100	150	150	180	180	215
Crushing force (at center)	kN	305	450	600	880	1000	1000	1400
Operating pressure	MPa	25	28	28	32	32	32	32
Valve		Speed	Speed	Speed	Speed	Speed	Speed	Speed
Suitable carrier range	Ton	3-5	6-9	10-16	18-30	30-50	40-70	50-100

Note) The specifications above are subject to change without notice.



OSC Series

Magnet Pulverizer (Electric magnet)

- ◆ Rebar scattered on demolition site can be collected easily and speedy(Work efficiently)
- ◆ Electromagnet is powered by 24V electric system of carrier machine and no additional generator is required.
- ◆ Short body and light handling.
- ◆ Speed valve reduces the cycle time.



OSC-200MAV

	Unit	OSC-200MAV	OSC-200HMAV
Operating weight	kg	2070	2100
Overall length	mm	2055	2055
Overall height	mm	1560	1560
Max. jaw opening	mm	860	860
Cutter blade length	mm	150	150
Crushing force (at center)	kN	880	880
Operating pressure	MPa	32	32
Valve		Speed	Speed
Suitable carrier range	Ton	18-25	18-25
Magnet diameter	mm	600	700
Quantity of adsorbate	kg	95	130



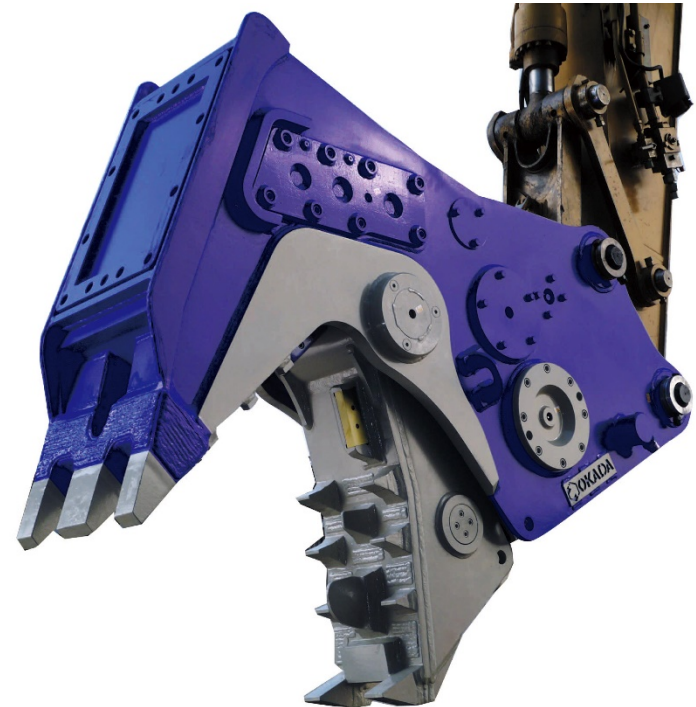
Note) The specifications above are subject to change without notice.



OSC Series

Magnet Pulverizer (Permanent magnet)

- ◆ Rebar scattered on demolition site can be collected easily and speedy(Work efficiently)
- ◆ Short body and light handling.
- ◆ Widest jaw opening in its class.
- ◆ Speed valve reduces the cycle time.
- ◆ Magnet on-off is linked to arm open & close by foot pedal.



	Unit	OSC-135PAV	OSC-200PAV
Operating weight	kg	1365	2185
Overall length	mm	1810	2055
Overall height	mm	1395	1585
Max. jaw opening	mm	720	860
Cutter blade length	mm	150	150
Crushing force (at center)	kN	600	880
Operating pressure	MPa	28	32
Valve		Speed	Speed
Suitable carrier range	Ton	11-16	18-25
Magnet diameter	mm	400	470
Amount of adsorption	kg	48	57

Note) * The specifications above are subject to change without notice.

* The amount of adsorption is at 1.3 bulk specific gravity.



ORC Series

Rotation Pulverizer

- ◆ Unique double "shell shaped" wedges & skeleton frame.
- ◆ Hardox 400 steel.
- ◆ Hard facing supplied to wear parts.
- ◆ Patented Okada speed valve for faster cycle times.
- ◆ Reversible 180mm long cutter blades.
- ◆ Bracket design gives protection to important components such as piston, rotate motor, speed valve & hydraulic hoses.



	Unit	ORC200V
Rotation type		HR
Operating weight	kg	2050
Overall length	mm	2300
Overall height	mm	1518
Max. jaw opening	mm	805
Cutter blade length	mm	180
Crushing force (at center)	kN	900
Operating pressure	MPa	32
Valve		Speed
Suitable carrier range	Ton	18-35



Note) * The specifications above are subject to change without notice.



CUT Series

Cut Multi Crusher

- ◆ Designed to shear structural steel, I-beams, square pipes, etc. by using steel cutting blades and concrete crushing wedges on the jaw ends equipped.
- ◆ All-in-one system for RC or SRC building demolition.
- ◆ The frame and crushing jaw are produced unitizing a special alloy cast steel.



CUT82V

	Unit	CUT18	CUT30V	CUT50V	CUT82V
Rotation type		FR	FR / HR	FR / ARTS / HR	FR / ARTS / HR
Operating weight	kg	250	700 / 715	1150 / 1180 / 1170	2210 / 2240 / 2230
Overall length	mm	1240	1660	2000	2690
Overall width	mm	270	300	365	480
Max. jaw opening	mm	400	525	605	850
Max. cutter opening	mm	285	310	340	580
Cutter blade length	mm	250	300	340	550
Crushing force (at center)	kN	135	300	500	700
Cutting force	kN	300	600	980	1450
Operating pressure	MPa	25	25	28	32
Valve		-	Speed	Speed	Speed
Suitable carrier range	Ton	3-5	6-13	12-25	20-35



Note) The specifications above are subject to change without notice.



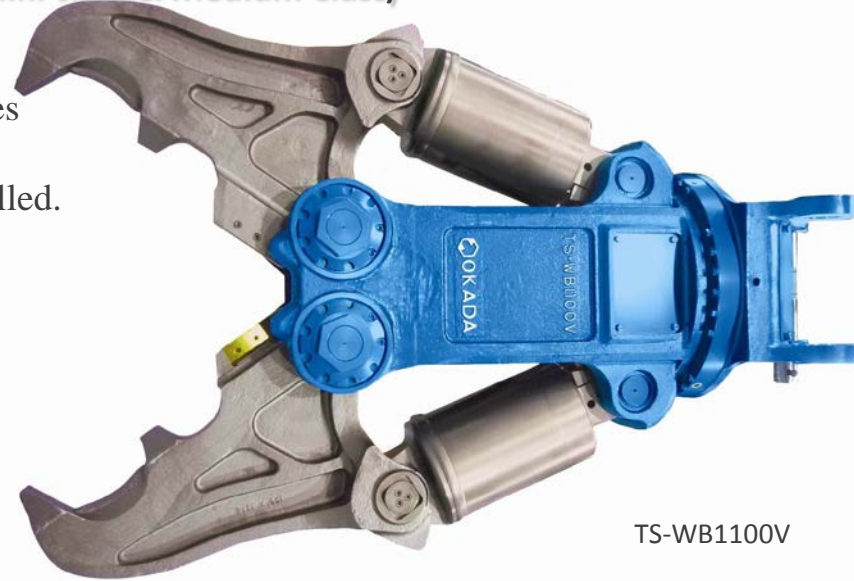
TS-W Crusher Series (Mini class & Medium Class)

Primary Crusher

- ◆ Made of special casting alloy, and it makes light weight and high durability.
- ◆ Twin cylinders with individual valve installed.
- ◆ Wedge arm makes more crushing force.



TS-WB620V



TS-WB1100V

	Unit	TS-W250	TS-WB350	TS-WB500V	TS-WB620V	TS-WB950V	TS-WB1100V
Rotation type		FR	FR	FR	FR/ARTS/HR	FR/ARTS/HR	FR/ARTS/HR
Operating weight	kg	160	240	440	720/830/845	1500/1550/1550	2360/2470/2470
Overall length	mm	950	1070	1390	1670/1860/1850	2140/2220/2220	2525/2635/2635
Max. jaw opening/closing	mm	250/0	360/0	500/0	620/0	950/0	1100/0
Overall width	mm	635	680	835	1105	1405	1625
Crushing force (at center)	kN	175	240	330	355	605	940
Operating pressure	MPa	21	25	25	28	30	30
Valve		-	-	Speed	Speed	Speed	Speed
Suitable carrier range	Ton	1.5-2.5	2.5-4	4-5.5	6-13	12-25	20-35

Note) The specifications above are subject to change without notice.



TS-W Crusher Series (Heavy Class)

Primary Crusher

- ◆ Widest jaw opening and depth for efficient crushing of demolition.
- ◆ Twin cylinders with individual valve installed.
- ◆ Wedge arm makes more crushing force.



TS-WB1600V



TS-W2200V

	Unit	TS-WB1400V	TS-WB1600V	TS-WB1900V	TS-W2200V
Rotation type		FR/HR	FR/HR	FR/HR	FR/HR
Operating weight	kg	4000/4030	4800	7100	9700
Overall length	mm	2970	3160	3490	3705
Max. jaw opening/closing	mm	1400/0	1600/0	1900/0	2200/0
Overall width	mm	1970	2275	2600	3090
Crushing force (at center)	kN	1100	1320	2000	2100
Operating pressure	MPa	30	30	30	30
Valve		Speed	Speed	Speed	Speed
Suitable carrier range	Ton	30-50	40-70	70-100	70-100

Note) The specifications above are subject to change without notice.

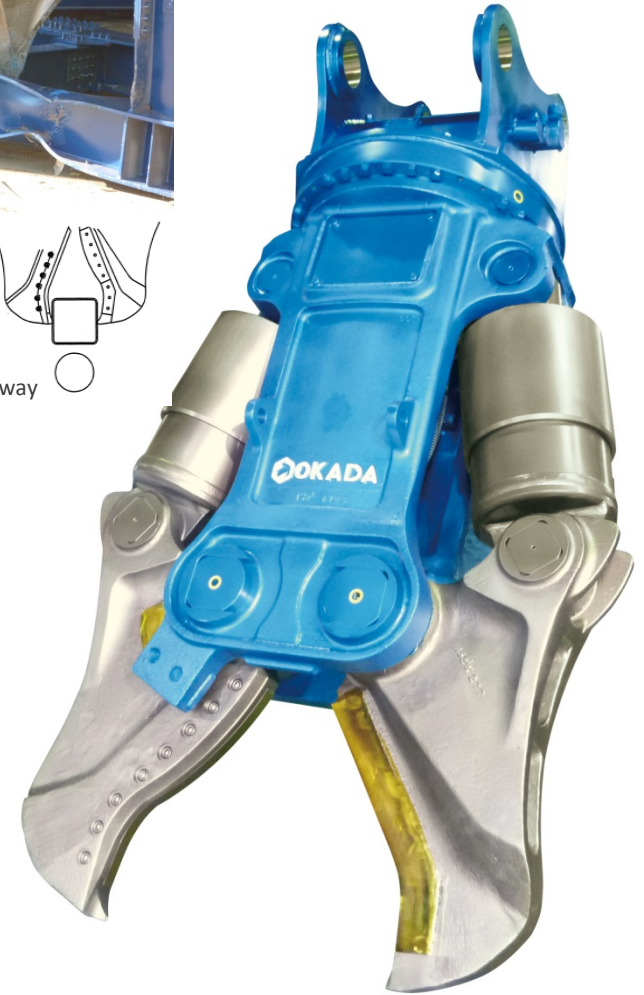
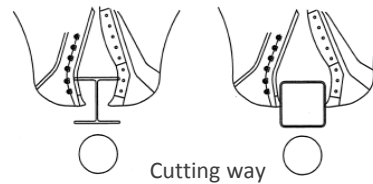


TS-W650XCV

Demolition Shear

NEW

- ◆ New design crossed cutter blades achieve tear-cutting the structural steel, I-beams, square pipes, etc. and enable to pick up the objects from the ground and cut.
- ◆ The frame & blades are produced unitizing a special alloy cast steel for high durability.
- ◆ Twin cylinders with individual valve installed.



TS-W650XCV

	Unit	TS-W650XCV
Rotation type		FR / HR
Operating weight	kg	2480
Overall length	mm	2470
Overall width	mm	1350
Max. jaw opening	mm	675
Min, Jaw opening	mm	-270
Cutter blade length	mm	650
Cutting force (at center)	kN	1500
Operating pressure	MPa	30
Valve		Speed
Suitable carrier range	Ton	20-25

Note) The specifications above are subject to change without notice.



TS-S550C

Demolition Shear

NEW

- ◆ Designed to shear structural steel, I-beams, square pipes, etc. by using steel cutting blades.
- ◆ The Circular cutting blade produces a enormous cutting power (Okada original design).
- ◆ The frame & blades are produced unitizing a special alloy cast steel for high durability.



	Unit	TS-S430C	TS-S550C
Rotation type		FR/HR	FR/ARTS/HR
Operating weight	kg	1370	2360/2450/2450
Overall length	mm	2055	2445/2550/2445
Overall width	mm	485	605
Max. jaw opening	mm	565	691
Max. cutter opening	mm	360	500
Cutter blade length	mm	420	550
Cutting force (at inner part)	kN	1185	1965
Operating pressure	MPa	28	32
Suitable carrier range	Ton	10-25	20-35

Note) The specifications above are subject to change without notice.

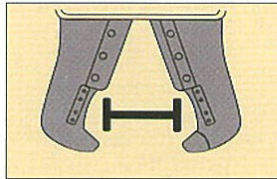


TS Cutter, TS-W Cutter Series

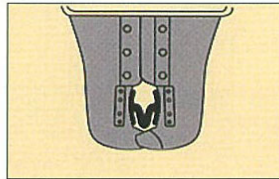
Demolition Shear

- ◆ Most efficient cutter for steel structure demolition work.
- ◆ All casting steel. Heavy duty casting steel, compact profile, light weight and tough.
- ◆ Okada Particular “Press and Cut” method.

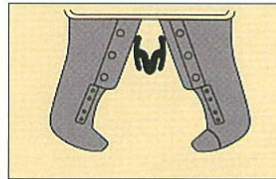
"Press and Cut" method



The object to be cut is gripped by the pressing blades.



Pressure is applied.



The cutting blades sever the object.



TS-W820CV

	Unit	TS-W500CV	TS-W610CV	TS-W720CV	TS-W820V
Rotation type		FR/HR/ARTS	FR/HR	FR/HR	FR/HR
Operating weight	kg	2570	3920	5050	7250
Overall length	mm	2510	3000	3295	3780
Max. jaw opening/closing	mm	760	840	955	1020
Overall width	mm	1625	1635	1740	1915
Cutter blade length	mm	500	610	720	820
Crushing force (at center)	kN	2460	2720	2925	3200
Operating pressure	MPa	30	30	30	28
Valve		Speed	Speed	Speed	Speed
Suitable carrier range	Ton	20-25	30-40	40-48	65-100

Note) The specifications above are subject to change without notice.



TMB Series

Trommel Screening Bucket

- ◆ Screens oversized products
- ◆ Designed minimize noises and vibrations
- ◆ Light weight, heavy duty frame structure
- ◆ Unique built-in flow control valves allow smooth operation.
- ◆ An assortment of different screen sizes are available.

< Application >



Bricks



Sand



Disposal



TMB-200

	Unit	TMB-30	TMB-135	TMB-200	TMB-120
Operating weight	kg	600	1430	2070	2800
Overall height	mm	1300	1620	1835	2010
Overall width	mm	1080	1420	1680	1680
Screen diameter	mm	830	1100	1200	1400
Screen length	mm	950	1250	1400	1600
Suitable carrier range	Ton	6-9	10-16	20-25	30-

Note) The specifications above are subject to change without notice.



ASG Series

Silent Grapple

- ◆ Wide range of applications: Demolition of wooden structures, Scrap handling, Cleaning, Moving, Loading, Sorting and Organizing materials in order.
- ◆ Continues 360 degree HR hydraulic rotator with extremely heavy-duty bearings in the joint provide durability and rotating with heavy goods.



ASG-130R

	Unit	ASG-30R	ASG-60R	ASG-130R	ASG-210R	ASG-270R
Operating weight	kg	225	475	930	1560	2500
Overall length	mm	1420	1860	2130	2570	2910
Max. claw opening	mm	1100	1650	1830	2335	2990
Claw width (3/2)	mm	295/155	480/270	600/340	800/460	1020/580
Claw depth (3/2)	mm	700	925	1050	1315	1560
Operating pressure	MPa	25	28	28	28	28
Suitable carrier range	Ton	3-5	6-9	10-16	18-25	27-45

Note) The specifications above are subject to change without notice.



OMC Series

Wood smasher

- ◆ Available for 11 – 22 ton class excavators.
- ◆ Unique blade shape efficiently processes wood, long logs, troublesome stumps, root balls, etc easily **and holding it in the arm.**
- ◆ Continues 360 degree HR hydraulic rotator and none rotator with extremely heavy-duty bearings in the joint provide durability **is equipped on models.**
- ◆ Available to select non rotational model.
- ◆ **Speed valve decreases cylinder cycle time is installed.**



OMC160FIX

	Unit	OMC160V FIX	OMC160VARTS/HR
Operating weight	kg	1080	1430/1380
Overall length	mm	1700	2100
Overall tall	mm	1595	1595
Max. claw opening	mm	710	710
Crushing force	KN	350	350
Operating pressure	MPa	32	32
Suitable carrier range	Ton	11-22	11-22

Note) The specifications above are subject to change without notice.



Please see movies of our products on the following **You Tube** .
<http://www.youtube.com/user/OkadaAiyonCorp>

If you have any questions or requests, please feel free to contact us.

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