



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 13-374,000 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



Interchangeable 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 vessels, tanks and cisterns
- See Cutting Applications in table at right.

Secondary demolition

- Scrap and recycling of ferrous material

SCRAP SHEARS

MODELS		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	2682	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	30	35	43
	mm	300	395	395	525	630	720	762	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 - 4351	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).

OKADA America Inc. has a policy of making continuous product improvements and reserves the right to initiate these changes without notice nor obligation.

Operating weight includes Upper Mounting Bracket