

IAI

STEEL SHEARS

Primary, Secondary Demolition

When it's time to process structures, tanks, pipes, or anything else made from iron or steel, then it's time for the IAI Series of shears from IAI Demolition.

Made entirely from Hardox® and Strenx® steels, these shears deliver a superior amount of cutting force, ensuring a fast and efficient job every time.

The SH Series of shears also features:



An innovative pressure relief valve that protects the shear components from damage in overpressure situations.



Reversed hydraulic cylinders and a regenerative speed valve that increases productivity by 30%.



Interchangeable and reversible blades for precision cutting and a long life.



360° degree continuous hydraulic rotation in both directions.



A double register blade guide to ensure precise alignment during stressful cutting conditions.



IAI INTERNATIONAL ATTACHMENTS

MODEL SH		IA6	IA12	IA20	IA25	IA35	IA40	IA55	IA70	IA80	IA100	IA120
OPENING (A)	mm	365	440	470	550	590	680	800	850	880	920	950
	in.	14	17	18	21	23	26	31	33	34	36	37
LENGTH (B)	mm	1880	2450	3040	3060	3520	3660	4100	4700	4800	5000	5300
	in.	74	96.5	119	120	138	144	161	185	189	197	209
DEPTH (C)	mm	240	400	500	510	590	600	690	800	830	900	950
	in.	9.5	15.75	19.7	20.1	23.2	23.6	27.2	31.5	32.7	35.4	37.4
EXCAVATOR WEIGHT BUCKET PLACE	Ton	7/12	12/18	18/30	26/34	34/40	40/50	50/70	70/100	80/110	90/120	100/130
	lbs	15432 / 26455	26455 / 39683	39683 / 66139	57320 / 74957	74957 / 88185	88185 / 110231	110231 / 154324	154324 / 220462	176370 / 242508	198416 / 264555	220462 / 286601
EXCAVATOR WEIGHT BOOM PLACE	Ton	4/7	7/10	14/18	16/22	22/30	26/35	30/45	45/60	50/70	70/90	90/110
	lbs	8818 / 15432	15432 / 22046	30864 / 39683	35274 / 48502	48502 / 66139	57320 / 77162	66139 / 99208	99208 / 132277	110231 / 154324	154324 / 198416	198416 / 242508
EQUIPMENT WEIGHT	Kg	640	1250	2030	2530	3200	3910	5630	6900	7800	9950	11500
	lbs	1411	2756	4475	5578	7055	8620	12412	15212	17196	21936	25353
MAX PRESSURE	Bar	250	310	320	320	320	330	330	330	330	340	340
	psi	3625	4496	4641	4641	4641	4786	4786	4786	4786	4931	4931
OIL MAX CAPACITY	L/min	80/100	150/220	200/220	200/240	240/300	300/350	350/450	350/400	400/500	500/800	700/900
	gal/min	21 / 26	40 / 58	53 / 58	53 / 63	63 / 79	79 / 92	92 / 119	92 / 106	106 / 132	132 / 211	185 / 238
ROTATION OIL PRESSURE	Bar	60	60	60	60	60	60	100	100	100	100	100
	psi	870	870	870	870	870	870	1450	1450	1450	1450	1450
ROTATION OIL CAPACITY	L/min	10	30	30	30	30	30	60	60	60	60	60
	gal/min	2.7	8	8	8	8	8	16	16	16	16	16
HYDRAULIC ROTATION		360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
F1 TIGHTENING FORCE	Ton	210	300	390	500	700	800	1000	1100	1200	1300	1500
	lbs	462971	661387	859803	1102311	1543236	1763698	2204623	2425085	2645547	2866010	3306934
F2 TIGHTENING FORCE	Ton	60	65	90	120	150	165	220	230	240	270	280
	lbs	132277	143301	198416	264555	330693	363763	485017	507063	529109	595248	617294

