

# TSH SERIES

the top of the scrap heap

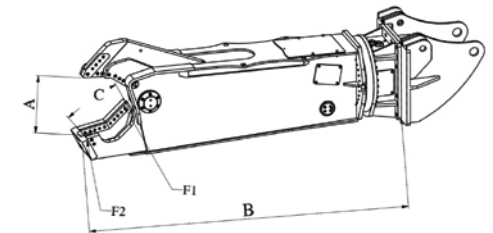
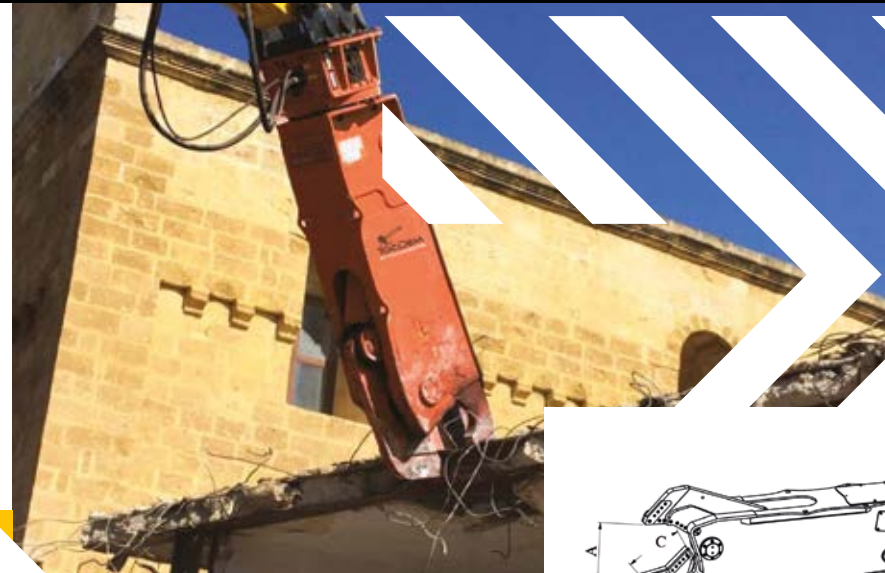


### Enjoy your choice:

TocDem TSH Shears are made entirely of HARDOX and STREX, which makes them suitable for the demolition of tanks, pipes and structures in steel and iron. The high cutting force ensures precise and fast work, thus guaranteeing maximum efficiency in all conditions.

### Features:

- a double register blade guide to ensure precise alignment during stressful cutting conditions;
- interchangeable and reversible blades for precision cutting and a long life;
- reversed hydraulic cylinder and a regenerative speed valve that increases productivity by 30%;
- a pressure relief valve that protects the shear components from damage in overpressure situations;
- 360° degree continuous hydraulic rotation in both directions for the correct positioning of the attachment.



# TSH SERIES

SHEARS



TSH MODEL	U.M.	TSH 6	TSH 12	TSH20.1	TSH 25.1	TSH 35.1	TSH 40	TSH 55	TSH 70	TSH 80	TSH 100	TSH 120
OPENING (A)	mm	365	440	530	580	690	680	800	850	880	920	950
	in.	14	17	21	23	27	27	31	33	35	36	37
LENGTH (B)	mm	1880	2,450	2,785	2,840	3,170	3,660	4,100	4,700	4,800	5,000	5,300
	in.	74	96	110	112	125	144	161	185	189	197	209
WIDTH (C)	mm	240	400	495	510	570	600	690	800	830	900	950
	in.	9	16	19	20	22	24	27	31	33	35	37
EXCAVATOR WEIGHT AT BUCKET PLACE	Ton	7/12	12/18	20/28	26/34	34/40	40/50	50/70	70/100	80/110	90/120	100/130
	lbs	14,000/ 24,000	24,000/ 36,000	44,000/ 61,700	57,300/ 75,000	75,000/ 88,000	80,000/ 100,000	100,000/ 140,000	140,000/ 200,000	160,000/ 220,000	180,000/ 240,000	200,000/ 260,000
EXCAVATOR WEIGHT AT 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	8,000/ 14,000	14,000/ 20,000	25,000/ 39,600	35,000/ 48,500	48,500/ 66,000	52,000/ 70,000	60,000/ 90,000	90,000/ 120,000	100,000/ 140,000	140,000/ 180,000	180,000/ 220,000
WEIGHT	Kg	640	1,250	2,030	2,530	3,200	3,910	5,630	6,900	7,800	9,950	11,500
	lbs	1,411	2,756	4,475	5,578	7,055	8,620	12,412	15,212	17,196	21,936	25,353
OIL PRESSURE	Bar	250	310	340	340	340	340	340	340	340	340	340
	Psi	3,626	4,496	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931
OIL CAPACITY	L/min	80/100	150/220	200/220	200/260	240/300	300/350	350/450	350/400	400/500	500/800	700/900
	gal/min	21/26	40/58	53/58	53/68	63/79	79/92	92/119	92/106	106/132	132/211	185/238
ROTATION OIL PRESSURE	bar	60	140	120/130	120/130	120/130	140	140	140	140	140	140
	psi	870.23- 64,264	2,030.52- 8,328	1,740/ 1,885	1,740/ 1,885	1,740/ 1,885	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328
ROTATION OIL CAPACITY	L/min	20	30	20/30	20/30	50/60	30	60	60	60	60	60
	lbs	5	8	5/8	5/8	13/16	8	16	16	16	16	16
HYDRAULIC ROTATION		360	360	360	360	360	360	360	360	360	360	360
		360	360	360	360	360	360	360	360	360	360	360