

TGR SERIES

flexibility and multi-functionality



Enjoy your choice:

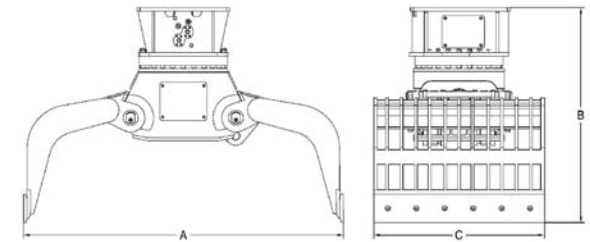
TocDem TGR grapples are made of particularly wear-resistant steels which allow the demolition of brick structures, timber and other types of materials. The particular design of our machines favours the selection of materials deriving from demolition in order to facilitate recycling and handling.

Additional highlights of this series include:

- a 360° hydraulic rotation to guarantee precision placement;
- a hydraulic cylinder synchronized to a piston rod system for facilitating homogeneous movement;
- interchangeable blades;
- different configurations of jaws to make demolition, selection and loading works.



Models:



TGR SERIES

GRAPPLES

TGR MODEL	U.M.	TGR 1	TGR 3	TGR 5	TGR 7	TGR 10	TGR 15	TGR 20	TGR 25	TGR 30	TGR 40
OPENING (A)	mm	850	1,050	1,140	1,750	2,040	2,180	2,280	2,450	2,500	3,000
	in.	33.5	41	45	65	80	86	90	96	98	118
HEIGHT (B)	mm	740	800	840	1,290	1,400	1,490	1,500	1,530	1,600	2,300
	in.	29	32	33	51	55	59	59	60	63	90
WIDTH (C)	mm	450	400	500	700	800	1,000	1,200	1,400	1,500	1,500
	in.	17.5	16	20	27.5	31.5	39.5	47	55	59	59
EXCAVATOR WEIGHT	Ton	1.8/2.5	2.5/4	4/8	9/14	14/18	18/22	22/30	30/50	35/60	50/65
	lbs	3.968-5.510	5.510-8.820	8.818-17.636	19.842-30.864	30.864-39.683	39.683-48.502	48.502-66.139	66.139-110.231	110.231-132.277	132.277-187.500
EQUIPMENT WEIGHT	Kg	187	250	370	760	1,040	1,380	1,780	2,450	2,800	3,500
	lbs	412	551	815	1,675	2,293	3,042	3,924	5,401	6,173	7,716
OIL PRESSURE	Bar	180	200	200	250	250	300	300	300	300	330
	psi	2,610	2,900	2,900	3,626	3,626	4,351	4,351	4,351	4,351	4,786
OIL CAPACITY	L/min	25	25	25	50	50	50	50	50	120	150
	gal/min	6	6	6	13	13	13	13	13	32	40
ROTATION OIL PRESSURE	Bar	50	50	50	60	140	140	140	140	140	140
	psi	725	725	725	870	2,030	2,030	2,030	2,030	2,030	2,030
ROTATION OIL CAPACITY	L/min	15	15	15	20	30	30	30	30	30	30
	gal/min	4	3.96	3.96	5.2	8	8	8	8	8	8
LOADING CAPACITY	ton	0.1	0.1	0.4	0.8	1.1	1.5	2	2.7	3.1	4
	lb	200	200	800	1,600	2,200	3,000	4,000	5,400	6,200	8,000
CLAMPING FORCE	Ton	1	1	2	3.5	5	5.7	8	10.5	11.5	15
	lb	2,000	2,000	4,000	7,000	10,000	11,400	16,000	21,000	23,000	30,000