



■ Specification for Hyd. Breaker (Silenced) X-Series, Close Type

Description		MINI EXCAVATOR				SMALL EXCAVATOR				MEDIUM EXCAVATOR				LARGE EXCAVATOR				
		FINE1X	FINE2X	FINE 3X	FINE 4X	FINE 5X	FINE 6X	FINE 7X	FINE 10X	FINE 12X	FINE 16X	FINE 21X Plus	FINE 23X Plus	FINE 37X	FINE 46X	FINE 50X	FINE 65X	FINE 80X
Operating Weight	kg	120	138	145	200	350	400	585	870	920	1,220	1,660	1,760	2,350	3,000	3,500	3,790	6,300
	lb	265	305	320	441	772	882	1,290	1,918	2,029	2,690	3,659	3,881	5,182	6,615	7,718	8,356	13,889
Overall Height	mm	1,105	1,105	1,271	1,420	1,586	2,338	1,946	2,338	2,400	2,440	2,500	2,707	3,100	3,532	3,726	3,740	4,200
	inch	43.5	43.5	49.6	55.4	61.9	91.2	75.9	91.2	93.6	95.2	97.5	105.6	120.9	137.7	145.3	147.2	165.4
Operating Pressure	bar	90-110	90-110	80-110	90-120	90-120	90-130	130-150	150-170	150-180	150-180	160-180	160-180	160-180	160-200	160-180	150-180	180-210
	psi	1,305-1,595	1,305-1,595	1,160-1,595	1,305-1,740	1,305-1,740	1,305-1,885	1,885-2,175	2,175-2,465	2,175-2,610	2,175-2,610	2,320-2,610	2,320-2,610	2,320-2,610	2,320-2,900	2,320-2,755	2,175-2,610	2,610-3,046
Required Oil Flow	lpm	15-30	15-30	20-40	20-50	30-50	45-90	80-110	90-120	90-120	100-160	120-180	120-180	180-220	190-250	250-310	230-350	300-400
	gpm	3-8	3-8	5-11	5- 13	8-13	12-24	21-29	24-32	24-32	26-42	32-48	32-48	48-58	50-66	66-82	61-92	79-105
Impact Rate	bpm	700-1,300	700-1,300	600-1000	550-1200	450-900	400-800	450-800	400-900	400-900	350-600	350-550	300-500	300-700	250-450	200-400	180-350	
Impact Power	joule	210	210	248	480	849	1,250	1,764	2,443	3,000	4,234	5,300	6,200	8,550	11,040	13,125	13,630	16,598
	ft-lb	155	155	183	354	627	922	1,302	1,803	2,214	3,125	4,005	4,576	6,273	8,147	9,686	10,053	12,242
Tool Diameter	mm	Ø36	Ø40	Ø45	Ø53	Ø68	Ø72	Ø85	Ø100	Ø110	Ø120	Ø135	Ø140	Ø155	Ø165	Ø175	Ø180	Ø200
	inch	1.4	1.6	1.8	2.1	2.7	2.8	3.4	3.9	4.3	4.7	5.3	5.5	6.1	6.5	6.9	7.1	7.9
Hose Diameter	mm	13	13	13	13	13	13	19	19	19	19	25	25	32	32	32	32	38
	inch	½	½	½	½	½	½	¾	¾	¾	¾	1	1	1¼	1¼	1¼	1¼	1½
Suitable Excavator	ton	0.8-1.5	1.5-2.5	2.5-3.5	3.5 - 4.5	4.5-5.5	5.5-7	7-9	9-12	12-14	14-18	18-22	22-28	28-38	38-48	48-58	50-65	65-85
	lb	1,764-3,307	3,307-5,512	5,512-7,716	7,716-9,921	9,921-12,125	12,125-15,432	15,432-19,842	19,842-26,455	26,455-30,865	30,865-39,683	39,683-48,502	48,502-61,729	61,729-83,776	83,776-105,822	105,822-127,868	110,231-143,300	143,300-187,393

\* Above specifications are subject to change without notice.



## ■ Specification for Hyd. Breaker (Top Bracket), Open Type

Description	SMALL EXCAVATOR					MEDIUM EXCAVATOR				LARGE EXCAVATOR						
	FINE 5T	FINE 6T	FINE 6BL	FINE 7T	FINE 10T	FINE 12T	FINE 16T	FINE 20T	FINE 23T Plus	FINE 35T	FINE 37T	FINE 45T	FINE 46T	FINE 50T	FINE65T	FINE80T
Operating Weight	kg	310	400	320	560	870	1,250	1,650	1,865	2,270	2,650	2,860	3,100	3,700	3,850	6,450
	lb	684	882	705	1,235	1,918	2,756	3,638	4,112	5,004	5,843	6,306	6,836	8,159	8,489	14,222
Overall Height	mm	1,586	2,338	1,535	1,946	2,338	2,400	2,773	2,707	3,046	3,100	3,258	3,532	3,726	3,750	4,100
	inch	61.9	91.2	60.4	75.9	71.1	93.6	95.2	105.6	118.8	120.9	127.1	137.7	145.3	146.25	159.9
Operating Pressure	bar	90-120	90-130	90-120	130-150	150-170	150-180	150-180	160-180	160-180	160-180	160-180	160-200	160-180	150-180	180-210
	psi	1,305-1,740	1,305-1,885	1,305-1,740	1,885-2,175	2,175-2,465	2,175-2,610	2,175-2,610	2,320-2,610	2,320-2,610	2,320-2,610	2,320-2,610	2,320-2,900	2,320-2,610	2,175-2,610	2,610-3,046
Required Oil Flow	lpm	30-50	45-90	30-50	45-90	80-110	90-120	130-150	120-180	180-200	180-220	190-250	190-250	230-310	230-350	300-400
	gpm	8-13	12-24	8-13	12-24	21-29	24-32	34-40	32-48	48-53	48-58	50-66	50-66	66-82	61-92	79-105
Impact Rate	bpm	450-900	400-800	450-900	450-800	450-800	400-900	400-900	400-800	350-700	300-500	300-600	300-700	250-450	200-400	180-350
	joule	849	1250	849	1,764	2,443	3,000	4,234	6,200	7,433	8,550	9,970	11,040	13,125	13,630	16,598
Impact Power	ft-lb	627	922	627	1,302	1,803	2,214	3,125	4,576	4,990	6,273	7,330	8,147	9,686	10,053	12,242
	mm	Ø 68	Ø 72	Ø 72	Ø 85	Ø 100	Ø 110	Ø 120	Ø 135	Ø 150	Ø 155	Ø 160	Ø 165	Ø 175	Ø 180	Ø 200
Tool Diameter	inch	2.7	2.8	2.8	3.4	3.9	4.3	4.7	5.3	5.9	6.1	6.3	6.5	6.9	7.1	7.9
	mm	13	13	13	19	19	19	25	25	25	32	32	32	32	32	38
Hose Diameter	inch	½	½	½	¾	¾	¾	1	1	1	1¼	1¼	1¼	1¼	1¼	1¼
	ton	4.5-5.5	5.5-7	5-8	7-9	9-12	12-14	14-18	18-20	22-28	28-35	38-46	38-48	48-58	50-65	65-85
Suitable Excavator	lb	9,921-12,125	12,125-15,432	11,023-17,637	15,432-19,842	19,842-26,455	26,455-30,865	30,865-39,683	39,683-44,092	48,502-61,729	61,729-77,162	83,776-101,413	83,776-105,822	105,822-127,868	110,231-143,300	143,300-187,393

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