



BREAKER



Item/Model	Unit	AL10	AL20	AL30	AL40	AL50	AL70	AL80	AL90
Selection of Machine	ton	2.5~4.5	4~7	6~9	7~14	11~16	13~18	18~26	18~28
	lbs	5,512~9,921	8,818~15,432	13,228~19,842	15,432~30,864	24,251~35,274	26,455~39,683	39,683~57,320	39,683~61,729
Operating Weight (Mount Cap+Rod)	Kg	135	297	375	520	890	1,210	1,675	1,786
	lbs	298	595	827	1,146	1,962	2,668	3,693	3,937
Oil Flow Rate	ℓ/min	25~50	40~80	50~90	60~100	80~110	90~120	130~150	130~150
	g/min	6.6~13.2	10.6~21.1	13.2~23.8	15.8~26.4	21.1~29	23.8~31.7	34.3~39.6	34.3~39.6
Setting Pressure (of Machine)	bar	150	170	170	190	210	210	210	210
	psi	2,176	2,466	2,466	2,756	3,045.7	3,045.7	3,045.7	3,045.7
Operating Pressure (of Breaker)	bar	90~120	110~140	110~140	130~160	150~170	150~170	160~180	160~180
	psi	1,305~1,740	1,595~2,030	1,595~2,030	1,885~2,320	2,176~2,466	2,176~2,466	2,321~2,611	2,321~2,611
Impact Rate	bpm	600~1,100	500~900	500~900	400~800	400~700	400~900	350~600	350~500
Chisel Diameter	mm	53	68	75	85	100	120	135	140
	inch	2.09	2.68	2.95	3.35	3.94	4.72	5.31	5.51
Impact Energy	kg f-m	40	75	100	150	225	340	445	460
	joule	392	735	981	1,471	2,206	3,334	4,364	4,511

Item/Model	Unit	AL100	AL120	AL140	AL150
Selection of Machine	ton	28~35	32~44	40~55	45~68
	lbs	61,729~77,162	70,548~97,003	88,185~121,254	99,208~149,914
Operating Weight (Mount Cap+Rod)	Kg	2,100	3,310	4,002	4,050
	lbs	4,630	7,297	8,823	8,929
Oil Flow Rate	ℓ/min	160~190	200~260	210~290	250~320
	g/min	42~50	53~69	55~77	66~85
Setting Pressure (of Machine)	bar	230	240	250	250
	psi	3,336	3,481	3,626	3,626
Operating Pressure (of Breaker)	bar	160~180	170~190	180~200	180~200
	psi	2,321~2,611	2,466~2,756	2,611~2,901	2,611~2,901
Impact Rate	bpm	300~450	250~400	200~350	250~350
Chisel Diameter	mm	150	160	175	180
	inch	5.91	6.30	6.89	7.09
Impact Energy	kg f-m	650	790	955	1,015
	joule	6,374	7,747	9,365	9,954





CLAM SHELL GRAB



Features



- Designed with minimum height to load or unload objects to high place
- Wide application for excavator, wire crane, overhead crane
- Pendulum type mounting
- Replaceable tooth

Item/Model	Unit	NCS600	NCS800	NCS1000	NCS1500	NCS2000
Capacity	m3	0.6	0.8	1.0	1.5	2.0
Suitable Excavator	ton	12~18	18~25	25~35	36~42	43-47