

TECHNICAL DATA

IMPERIAL

HAMMER S SERIES	S-30	S-40	S-70	S-90	S-120	S-150	S-200	S-280	S-350	S-500	S-600	
Max. blow energy	lb.ft	22,127	29,503	51,630	66,381	88,508	110,635	147,513	206,518	258,147	368,783	442,539
Min. blow energy*	lb.ft	2,213	2,950	5,163	6,638	8,885	11,063	14,751	20,652	28,765	36,848	44,254
Blowrate	b/min	65	65	50	46	44	44	45	45	40	45	44
Ram weight	s	3,527	4,850	7,716	9,921	13,668	16,534	22,046	29,982	36,000	55,115	66,138
Hammer weight	s	8,599	10,362	18,298	21,348	31,526	35,714	56,878	67,240	72,000	126,764	141,093
Length of hammer	ft	20.00	22.47	24.28	26.43	26.79	29.2	29.84	34.09	37.35	39.18	41.72
Oil flow	g/min	46	46	66	66	122	122	185	185	211	423	476
Power pack type		P 175	P 175	P 250	P 250	P 460	P 460	P 700	P 700	P 700	O.R.	O.R.

HAMMER S SERIES	S-800	S-1200	S-1400	S-1800	S-2000	S-2500	S-3000	S-4000
Max. blow energy	lb.ft	590,056	885,079	1,032,952	1,327,618	1,843,905	2,212,686	2,950,248
Min. blow energy*	lb.ft	59,005	88,508	103,239	132,762	147,513	199,141	281,748
Blowrate	b/min	45	40	35	35	35	32	35
Ram weight	s	88,183	132,275	152,116	198,413	220,459	275,577	330,693
Hammer weight	s	182,981	308,642	326,279	454,145	487,213	573,201	639,340
Length of hammer	ft	47.93	46.91	52.79	54.17	56.87	62.42	68.09
Oil flow	g/min	581	871	871	871	1,162	1,162	1,347
Power pack type		O.R.	O.R.	O.R.	O.R.	O.R.	O.R.	O.R.

HAMMER SC SERIES	SC-110	SC-150	SC-200	
Max. blow energy	lb.ft	81,132	110,635	147,513
Min. blow energy*	lb.ft	8,113	11,063	14,751
Blowrate	b/min	45	45	45
Ram weight	s	17,416	24,250	29,982
Hammer weight	s	31,085	41,226	58,422
Length of hammer	ft	18.88	21.75	18.8
Oil flow	g/min	122	122	185
Power pack type		P 460	P 460	P 700

POWER PACK TYPE	P-175	P-250	P-460	P-700
Max. pressure	psi	4,351	5,076	4,786
Max. oil flow	g/min	46	66	122
Power	hp	150	228	526
Length	ft	8.57	11.48	13.22
Width	ft	3.94	5.05	5.07
Height	ft	5.82	6.71	7.30
Net. Weight	lbs	5,551	7,495	11,905
Weight incl. fuel and oil	lbs	8,378	9,921	14,991

*The standard minimal energy setting is about 10% of the hammer's maximum energy. When using the high frequency/low energy mode, the energy can be reduced to a minimum of 2% to 5%.

METRIC

HAMMER S SERIES	S-30	S-40	S-70	S-90	S-120	S-150	S-200	S-280	S-350	S-500	S-600
Max. blow energy	kNm (KJ)	30	40	70	90	120	150	200	280	350	500
Min. blow energy*	kNm (KJ)	3	4	7	9	12	15	20	31	39	55
Blowrate	b/min	65	65	50	46	44	44	45	45	40	44
Ram weight	ton	1.5	2.2	3.5	4.5	6	7.5	10	14	18	25
Hammer weight	ton	4	4.7	8.5	10	14.5	16.5	27	31	36	60
Length of hammer	mm	6,100	6,762	7,418	8,168	8,296	8,986	9,130	10,390	11,384	12,745
Oil flow	l/min	175	175	250	250	460	460	700	700	700	1,600
Power pack type		P 175	P 175	P 250	P 250	P 460	P 460	P 700	P 700	P 700	O.R.

HAMMER S SERIES	S-800	S-1200	S-1400	S-1800	S-2000	S-2500	S-3000	S-4000
Max. blow energy	kNm (KJ)	800	1,200	1,400	1,800	2,000	2,500	3,000
Min. blow energy*	kNm (KJ)	88	132	154	198	220	270	382
Blowrate	b/min	45	38	35	35	35	32	35
Ram weight	ton	40	60	70	90	100	125	150
Hammer weight	ton	85	145	150	215	230	260	290
Length of hammer	mm	14,535	14,300	14,945	16,630	17,370	19,025	20,410
Oil flow	l/min	2,200	3,300	3,300	3,300	4,400	4,400	5,100
Power pack type		O.R.	O.R.	O.R.	O.R.	O.R.	O.R.	O.R.

HAMMER SC SERIES	SC-110	SC-150	SC-200	
Max. blow energie	kNm (KJ)	110	150	200
Min. blow energie*	kNm (KJ)	11	15	20
Blowrate	b/min	45	45	45
Ram weight	ton	8	11	14
Hammer weight	ton	16	19.5	29
Length of hammer	mm	5,660	6,445	5,975
Oil flow	l/min	460	460	700
Power pack type		P 460	P 460	P 700

POWER PACK TYPE	P-175	P-250	P-460	P-700
Max. pressure	bar	300	350	330
Max. oil flow	l/min	175	250	460
Power	kW	110	168	328
Length	mm	2,613	3,500	4,015
Width	mm	1,200	1,540	1,689
Height	mm	1,783	2,044	2,225
Net. Weight	ton	2.5	3.4	5.4
Weight incl. fuel and oil	ton	3.8	4.5	6.8

*The standard minimal energy setting is about 10% of the hammer's maximum energy. When using the high frequency/low energy mode, the energy can be reduced to a minimum of 2% to 5%.

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