



Banut SuperRam and SuperRam XL Specifications

SuperRAM series offers steel/lead striking mass with a weights from 3000 to 6000 kg.

SuperRAM XL are supplied with a steel striking mass with weights from 6000 to 12000 kg, however when desired also with steel/lead mixture.

SuperRam	UNIT	3000	4000	5000	6000	8000***	10000***
Weight of piston	kg	3,000	4,000	5,000	6,000	8,000	10,000
	lbs	6,600	8,800	11,000	13,200	17,600	22000
Total Weight	kg	4,800	5,800	6,800	7,800	10,000	12,000
	lbs	10,560	12,760	14,960	17,160	22,000	26400
Dimensions							
A. Hammer length in static position	mm	3950	3650	3650	4290	4290	4390
	ft	13	12	12	14	14	14.5
with max stroke (1400mm/55")	mm	5150	4850	4850	5490	5490	5590
	ft	17	16	16	18	18	18.5
B. Hammer width	mm	740	740	740	740	880	880
	ft	2.5	2.5	2.5	2.5	3	3
C. Frame width	Variable due to customer needs						
D. Piston centre to guide centre	mm	625	625	625	625	640	640
	ft/in	2'	2'	2'	2'	2' 1"	2' 1"
E. Piston centre to hammer front	mm	340	340	340	340	440	440
	in	13"	13"	13"	13"	17"	17"
Performance							
Drop height, infinitely adjustable to max.	mm	150-1200 for concrete / 150-1400 for steel pile					
	in	6"-47" Concrete piles / 6"-55" steel piles					
Impact frequency, infinitely adjustable*	Blows/min	max 42 blows at max stroke / max 100 blows at min stroke					
Impact energy, infinitely adjustable to max (55" stroke)	kJ	41.2	54.9	68.7	82.4	109.8	137.3
	ft.lbs	30,000	40,500	50,600	60,700	81,000	101,000
Hydraulic System							
Working pressure	MPa	18	24	29	30	27	30
	PSI	2610	3480	4200	4350	3900	4350
Hydraulic flow rate	l/min	160	160	160	160	330**	350**
	q/min	42	42	42	42	86	92
Required hydraulic power	kW	60	75	90	95	175	185
	HP	80	100	120	127	234	248
Power Supply							
Voltage	V DC	24	24	24	24	24	24
Rating	W	200	200	200	200	200	200
* Impact frequency is infinitely adjustable, but dependent on drop height and pump capacity.							
** Pump flow less than 330 l/min will influence the number of blows/min							
*** Not available with 45° batter							