



Hydraulic Vibratory Hammer

Hydraulic Vibratory Hammer is a pile driving and excavation on construction machine broadly used in all kinds of foundation construction work. The machine utilizes its periodic exciting force to hydraulically press the soil around the pile so as to reduce the soil's frictional resistance to the pile, and utilizes the pile's own weight and the weight of the pile hammer, and applies a pressure downward if necessary to force the pile enter into the soil; or on the contrary applies a pulling force upward to pull the pile out of the ground.

Beacuse of its low noise, excellent pile-sinking effect, capability of being used under the water & other advantages, the hydraulic vibration hammer develops rapidly and is broadly used in the pile-sinking & pile-puling construction.

BR series vibratory hammer compatible with the excavators:

Excavator Model Number	HITACHI	KOMATSU	KATO	SUMTOMO	KOBELCO	CAT	HYUNDAI	DAEWOO	VOLVO
Hammer Model Number									
BR-35S	EX200	PC200	HD700	SH200	SK200	215		DH07	EC180B
		PC210					R180L		
BR-35L	EX270	PC220	HD800	SH200LC	SK210	219		DH07S	EC210B
BR-40S	EX300	PC250	HD880	SH240	SK220	240	R210LC	DH10	
	UH10					300B			EC240B
BR-40L	UH12	PC300	HD1100	S390	SK270	322	R250LC	DH10L	
BR-50S	EX400	PC310	HD1250	SH330	SK300	325D	R290LC	320	EC290B
						325L			
BR-50L	UH16	PC360	HD1430	SH330LC	SK320	324	R320LC	330LC	EC330B
BR-80S	EX450H	PC400	HD2045	SH350D	SK450	330D	R360LC	DH16	EC350
						330L			
BR-80L	EX850	PC410	HD2500ES	SH450D	SK500	345C	R450LC	DH20	7802

The international well-known brand & high quality fittings are adopted; each part is strictly tested before installation, which ensures the durability & low failure rate of BR series hydraulic vibratory hammer. We also do our upmost to adopt the standard parts for easy replacement & repair.

The ingenious mechanism, rational structural layout & unique hydraulicoil control system provide BR series vibratory hammer with outstanding performance, excellent maneuverability, compact appeacern ceand easy operation.



Parker hydraulic motor from USA



Elastomer From euro



Bearing From Germany



Gear



Model /Parameter		BR-35S	BR-40S	BR-50S	BR-80	BR-35L	BR-40L	BR-50L	BR-40T	BR-150	BR-250
Eccentric Moment (kg.m)		5.0	6.0	7.7	26	5.0	6.0	7.7	6.0	51.0	104.0
Max. Centrifugal Force (kN)		350	400	530	800	350	400	530	400	1520	2498
Max.Frequency (rpm)		2600	2500	2500	1650	2600	2500	2500	2500	1650	1480
Amplitude Without Clamp (mm)		14.2	17.5	20.3	23.3	17.1	20.7	23.9	20.7	20.8	34.6
Amplitude With Clamp (mm)		9.7	12.1	14.2	17.5	11	13.5	16.1	13.5	15.8	23.2
Max. Line Pull For Extraction (kN)		120	120	120	400	120	120	120	120	600	1200
Max. Hydraulic Power (kw)		91	110	116	214.2	91	110	116	116	408	680
Max.Presuure (bar)		350	340	350	340	350	340	350	350	340	340
Max. Oil Flow (L/min)		156	200	200	378	156	200	200	200	720	1200
Weight without Clamp		1001	1030	1090	3370	992	968	1035	992	6252	10120
Total Weight (kg)		1320	1350	1410	4110	1241	1288	1355	1247	7802	14160
Externality Size	A (mm)	1185	1185	1251	2286	1130	1130	1210	1220	2746	2360
	B (mm)	592	606	616	590	705	720	730	668	680	1500
	C (mm)	312	320	330	355	312	320	330	540	450	760
	D (mm)	1523	1523	1557	1750	1152	1152	1186	1348	2100	2970
	E (mm)	520	520	520	747	520	520	520	845	917	1240
	F (mm)	2043	2043	2077	2497	1672	1672	1706	2193	3200	4211



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