

The main technical parameters of arch type hydraulic free forging hammer (double arm)

Item	Unit	C66-35 (1T)	C66-35 (1T)	C66-70 (2T)	C66-120 (3T)	C66-140 (4T)	C66-175 (5T)	C66-210 (6T)	C66-245 (7T)	C66-280 (8T)	C66-350 (10T)	C66-420 (12T)	C66-490 (14T)
Hit energy	KJ	35	35	70	120	140	175	210	245	280	350	420	490
Rated weight of falling parts	kg	1300	1300	2600	4200	4800	6000	7000	7600	8500	10500	12500	14500
Maximum stroke	mm	1000	1000	1260	1450	1500	1730	1850	2000	2200	2400	2500	2600
Hit frequency	min-1	50-58	65-75	65-75	50-55	50-60	45-50	45-50	46-50	45-50	44-46	42-45	42-45
main oil pump	type	A2F160R2 P3	A2F125 R2P3	A2F160R 2 P3	A2F160R 2 P3	A2F160 R2 P3	A2F160R 2 P3	A2F160R 2 P3	A2F16 0R2 P3	A2F160 R2 P3	A2F160 R2 P2	A2F160R2 P2	A2F160R2 P2
Main motor type		Y250M -4-B35	Y250M -4-B35	Y250M -4-B35	Y250m -4-B35	Y250m -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35
Main motor power	kW	55	45	55	55	55	75	75	75	75	75	75	75
motor/pump number	set	1	2	3	4	5	5	6	7	7	10	12	16
Cooling oil pump		KCB-125	KCB-12 5	KCB-200	KCB-300	KCB-30 0	KCB-483 .3	KCB-633	KCB-9 60	KCB-96 0	2*KCB-6 33	2*KCB-633	2*KCB-960
Cooling motor type		Y132S-6	Y132S- 6	Y112M-4	Y132M-6	Y132M- 6	Y132M-4	Y160L-6	Y180L- 4	Y180L- 4	Y160L-6	Y160L-6	Y180L-4
Cooling motor power	kW	3	3	4	5.5	5.5	7.5	11	22	22	11×2	11×2	22×2
Heat exchanger area	m2	15	15	20	30	30	40	40	50	60	40+40	40+40	50+50

Guide space	mm	460	460	550	630	630	760	890	890	980	980	1050	1050
Working area (WxH)	mm	1800 x1250	1800 x1250	2300 x1380	2700 x1470	2700 x1470	3700 x2000	3700 x2150	4200 x2200	4700 x2250	4800 x2350	5000 x2500	5000 x2500
Lower die surface height above ground	mm	750	750	750	760	760	880	880	900	900	900	900	900
Machine outside size (L× W× H)	mm	3600 *1500 * 6000	3600 *1500 * 6000	4500 *1700 *6500	5100 *2300 *7500	5100 *2300 *7800	6300 *2700 *8500	6300 *2700 *8800	7000 *2700 *9100	7500 *2800 *9500	7500 *2800 *10000	7600 *3000 *12000	7600 *3000 *13000
Oil tank Outside size (L× W× H)	mm	2000 *1500 *1300	2000 *1500 *1300	2700 *2000 *1600	3600 *2000 *1600	4500 *2000 *1600	4500 *2000 *1600	5400 *2000 *1600	6300 *2000 *1600	6300 *2000 *1600	9000 *2000 *1600	10800 *2000 *1600	2*7200 *2000 *1600

The main technical parameters of bridge type hydraulic free forging hammer (double arm)

Item	Unit	C66-175 (5T)	C66-210 (6T)	C66-245 (7T)	C66-280 (8T)	C66-350 (10T)	C66-420 (12T)	C66-490 (14T)
Hit energy	KJ	175	210	245	280	350	420	490
Rated weight of falling parts	kg	6000	6800	7600	8500	10500	12500	14500
Maximum stroke	mm	1730	1850	2000	2200	2400	2500	2500
Hit frequency	min-1	45-50	45-50	46-50	45-50	44-46	42-45	42-45
main oil pump	type	A2F160R2 P3	A2F160R2P3	A2F160R2P3	A2F160R2P3	A2F160R5P2	A2F160R5P2	A2F160R5P2
Main motor type		Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35	Y280s -4-B35
Main motor power	kW	75	75	75	75	75	75	75

motor/pump number	set	5	6	7	7	10	12	16
Cooling oil pump		KCB-483.3	KCB-633	KCB-960	KCB-960	2*KCB-633	2*KCB-633	2*KCB-960
Colling pump type		Y132M-4	Y160L-6	Y180L-4	Y180L-4	Y160L-6	Y160L-6	Y180L-4
Cooling motor power	kW	7.5	11	22	22	11×2	11×2	22×2
Heat exchanger area	m2	40	40	50	60	40+40	40+40	50+50
Guide space	mm	830	930	930	1030	1030	1050	1050
Working area (WxH)	mm	3700 x2000	3700 x2150	4200 x2300	4200 x2460	4400 x2650	4500 x2800	4500 x2900
Lower die surface height above ground	mm	880	880	900	900	900	900	900
Machine outside size	mm	6300	6300	7000	7500	7500	7600	7600
(L× W× H)		*2700	*2700	*2700	*2800	*2800	*3000	*3000
		*8500	*8800	*9100	*9500	*10000	*12000	*13000
Oil tank Outside size	mm	4500	5400	6300	6300	9000	10800	2*7200
(L× W× H)		*2000	*2000	*2000	*2000	*2000	*2000	*2000
		*1600	*1600	*1600	*1600	*1600	*1600	*1600

The technical parameters of hydraulic free forging hammer (Single arm)

Model	Unit	C61-30(1T)	C61-70(2T)	C61-105(3T)	C61-140(4T)	C61-175(5T)	C61-210(6T)	C61-280(8T)	C61-350(10T)	C61-420(12T)
Max hit energy	KJ	30	70	105	140	175	210	280	350	420
the weight of falling parts	kg	1300	2600	4000	4800	5500	6300	8000	10500	12500

