

MÜLLER vibratory hammers HHF series

Type			MS-100HHF	MS-120 HHF	MS-220 HHF	MS-240 HHF
Centrifugal force	F (max.)	kN	2.500	3.003	4.686	5.160
Eccentric moment	M stat (max.)	kgm	100	116	218	240
	Steps (see illustration)	kgm	48 / 60 / 80 / 100	80 / 94 / 110 / 116	151/175/193/218	151/193/218/240
Frequency steps	f (max.)	Hz	36 / 32 / 27,8 / 25	30,9 / 28,3 / 26,2 / 25,6	27,5 / 26 / 24,5 / 23,3	29,5 / 26 / 24,5 / 23,3
Speed steps	n (max.)	min–1	2.160 / 1.920 / 1.670 / 1.500	1.850 / 1.700 / 1.570 / 1.536	1.650 / 1.560 / 1.470 / 1.400	1.770 / 1.560 / 1.470 / 1.400
Pulling force	F pull (max.)	kN	600	1.200	1.200	1.200
Weight total	without clamping device	kg	10.900	15.500	20.100	20.100
Weight dynamic	without clamping device	kg	7.700	8.900	11.980	12.010
Amplitude	without clamping device / pile	mm	12,5 / 15,6 / 20,8 / 26,0	18,0 / 21,1 / 24,7 / 26,1	25,2 / 29,2 / 32,2 / 36,4	25,1 / 32,1 / 36,3 / 40,0
Power consumption	P (max.)	kW	750 / 610	895 / 671	1.015	1.032
Required oil flow	Q Motor (max.)	l/min	1.286 / 1.045	1.534 / 1.150	1.740	1.770
Operation pressure	p (max.)	bar	350	350	350	350
Dimensions	Length L	mm	2.410	2.310	2.300	2.300
	Width B	mm	846	1.200	1.513	1.513
	Height H	mm	3.235	4.135	4.190	4.190
	Throat T	mm	500	832	832	832
Single clamping device	Type	MS-U	360	360	360*	360*
	Alternative	MS-U	–	–	–	–
Double/quadruple	Type	MS-U	2 x 150	2 x 180	4 x 180	4 x 180
clamping device	Alternative	MS-U	2 x 180	–	2 x 250*	2 x 250*
Recommended power pack	Type	MS-A	840 / 690 o. 700	1200 o. 1150 / 840	1200 o. 1150	1200 o. 1150

* Only permitted with reduced centrifugal force

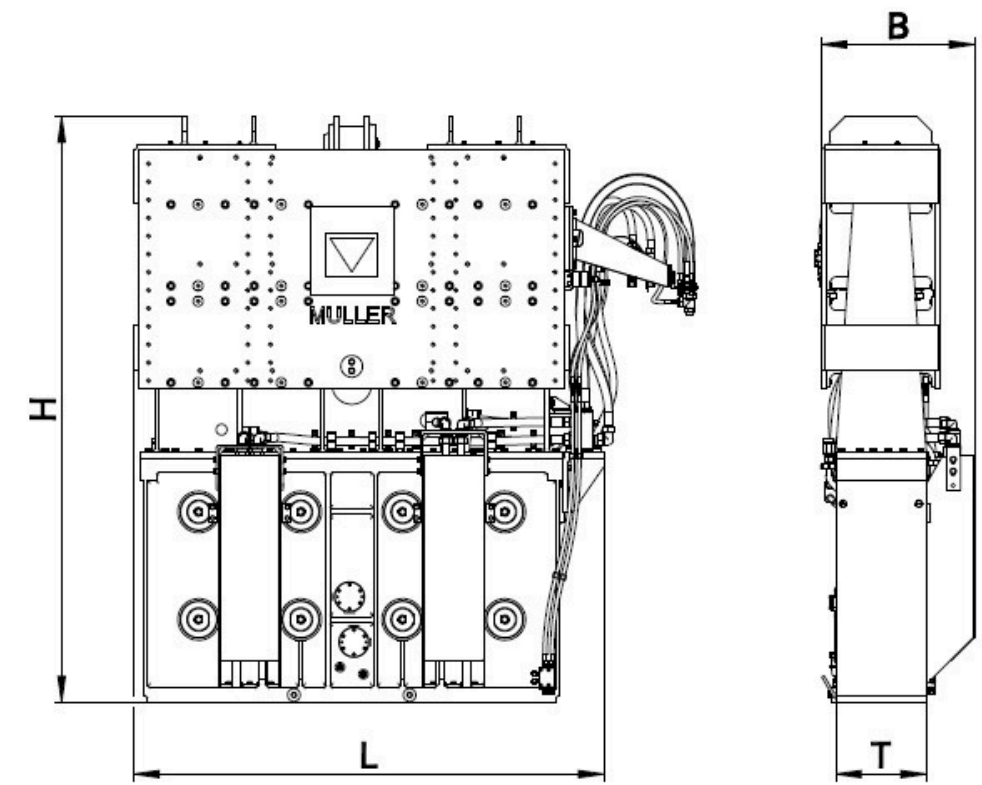


Image shows MS 100 HHF

Stepwise adjustable eccentric moment

