

# Excavator Mounted Vibro Hammers

## MÜLLER-excavator-mounted vibrators. Powerful, compact, easy-to-use, safe.

The use of MÜLLER-excavator-mounted vibrators is particularly economical, because by their compact building method they are universally applicable in connection with a carrier. The machines are durable to handle simply and pollution free, since they work extremely noiselessly.

### Selection, mounting and handling

ThyssenKrupp Steelcom Pty Ltd offers its customer a large selection of MÜLLER-vibrators. Our specialists choose the right equipment with consideration of the pumping performance of the excavator and the soil conditions.

The vibrator is attached to the stick of the excavator and powered by the excavator's hydraulic system. A stick tilting section is needed to operate and control the vibrator. The special design of the pushhead allows additional static force to be applied to the pile by the excavator boom, which can greatly enhance driving performance. The choice of vibrator depends on the available engine power, oil flow rate and pressure as well as the soil conditions.

### MÜLLER-excavator-mounted vibrators

Type	Centrifugal force max. kN	Eccentric moment max. kgm	Frequency max. Hz	Pulling force max. kN	Speed rpm	Power at vibrator max. kW	Oil flow l/min	Amplitude mm	Height (incl. clamp) mm	Weight dynamic (incl. clamp) kg	Weight total (incl. clamp) kg
MS-1 HFB	90	0,7	56,0	34	3400	60	102	6,1	761	230	350
MS-2 HFB	245	2,2	53,1	60	3185	61	105	7,7	1024	570	815
MS-3 HFB	296	3,0	50,0	60	3000	70	120	10,3	1024	585	830
MS-4 HFB	374	4,2	47,5	120	2850	100	171	8,9	1137	940	1230
MS-6 HFB	464	6,5	52,5	120	2550	119	204	13,7	1137	950	1240
MS-7 HFB	604	7,0	46,7	150	2800	130	224	14,7	1150	950	1300
MS-10 HFB	600	10,0	39,0	140	2400	150	257	12,0	1530	1660	2410
MS-17 HFB	604	17,0	30,0	140	1800	158	270	19,8	1530	1713	2468
MS-5 HFBV3	400	0-5	45,0	120	1700	95	162	8,8	1303	1130	1580
MS-8 HFBV3	585	0-8	43,0	150	2580	165	283	12,4	1583	1295	1815

The working pressure max. 350 bar.

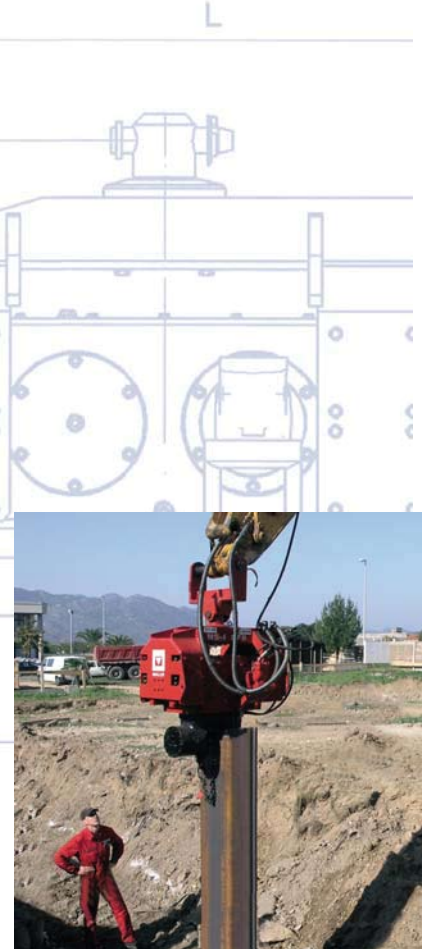
### MÜLLER-excavator-mounted vibrators: MS-4/6/7 HFBS

#### The new range of the MS-4/6/7 HFBS swiveling excavator mounted vibros

The series with swiveling spring yoke allows piles to be handled quickly and comfortably from a variety of positions, substantially reducing time requirements on site and thus improving cost efficiency.

Type	Centrifugal force max. kN	Eccentric moment max. kgm	Frequency max. Hz	Pulling force max. kN	Speed rpm	Power at vibrator max. kW	Oil flow l/min	Amplitude mm	Height (incl. clamp) mm	Weight dynamic (incl. clamp) kg	Weight total (incl. clamp) kg
MS-4 HFBS	378	4,2	47,5	120	2850	100	171	7,7	1250	1110	1360
MS-6 HFBS	464	6,5	42,5	120	2550	119	204	11,6	1250	1120	1370
MS-7 HFBS	604	7,0	46,7	150	2800	130	224	12,4	1250	1130	1380

The working pressure max. 350 bar.



#### Advantages.

- Low height of excavator-mounted vibrators
- Automatic clamping devices
- High pull force
- Rotatable clamping devices
- All vibrators fitted with a safety circuit

