



Machinery // MÜLLER excavator-mounted vibrator side gripper

The all-rounder
for confined job sites

ThyssenKrupp Infrastructure



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Global expertise for infrastructure projects

Individually, ThyssenKrupp Bautechnik, ThyssenKrupp Tiefbautechnik and ThyssenKrupp Bauservice have already achieved success in the market in their own right. Now the three are becoming one single company: ThyssenKrupp Infrastructure. In the future our combined strength will create even more value for customers.

Whether it's about mobility, urbanization, climate change or resource efficiency: As a leading supplier of civil, marine and foundation engineering solutions, we cover the full range of services for global infrastructure projects. Our portfolio is organized into four divisions: steel sections, machinery, trench shoring and scaffolding systems.

MÜLLER vibrators

The standard for more than 50 years

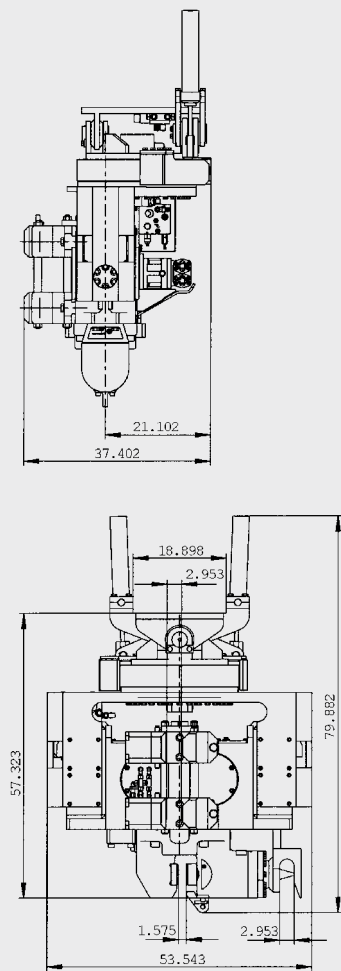
ThyssenKrupp Infrastructure is one of the world's leading manufacturers of vibrators and drilling equipment. MÜLLER vibrators, designed and built by ThyssenKrupp Infrastructure, have proven their worth in count-less specialized civil engineering projects over more than 50 years. Because of their proverbial reliability and decades of constant refinement they are the favored solution for especially demanding tasks around the globe.

Our experts provide customers with specialist advice in the planning phase and support them with demand-oriented and tailored solutions during project implementation. We offer custom-designed and sophisticated equipment – for example free-riding, excavator-mounted, or leader-guided vibrators – to meet the demands of virtually any job.

Technical data

At a glance

Main dimensions

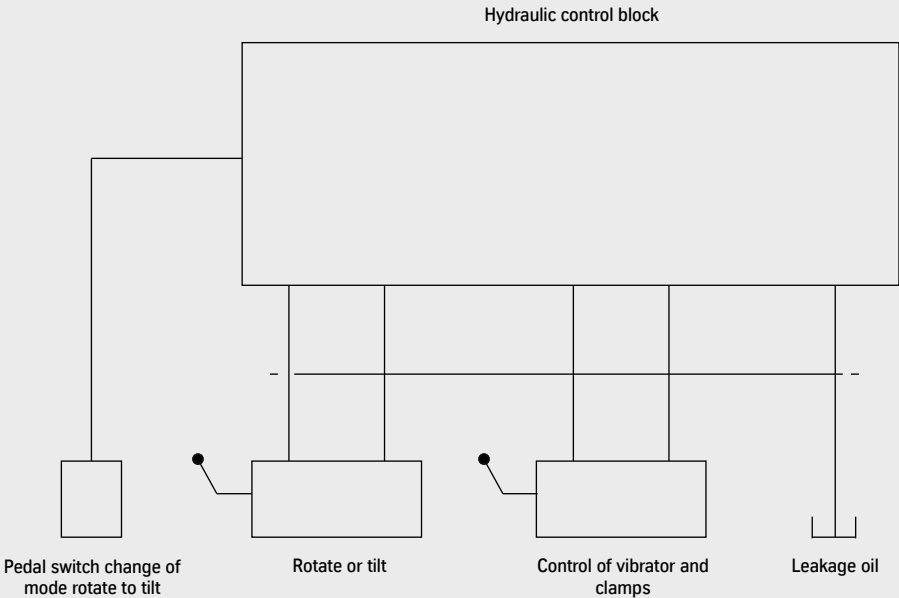


Technical data

MS-6 HFB SG			
Centrifugal force	F (max.)	kN	464
Eccentric moment	M stat (max.)	kgm	6.5
Oscillation frequency max.	f (max.)	Hz	42.5
Pulling force	F Zug (max.)	kN	120
Push down force	F Druck (max.)	kN	120
power	P (max.)	kW	119
Weight with clamping devices		kg	2090
Weight (dynamic)		kg	1240
Amplitude	(max.)	mm	10.5
Volumen input	Q Motor (max.)	l/min	204
working pressure	(max.)	bar	350
Clamping force	(max.)	kN	650

Sheet piles			
H-bae	(min.)	H	160
sheet piles		kg	1500
sheet piles		m	15

Hydraulic attachment on excavator



MÜLLER excavator-mounted vibrator side gripper

Excellent maneuverability, highly robust

MÜLLER side grippers are capable of picking up, positioning, and driving a pile in a single operation. This is a key advantage **on space- or height-restricted** job sites, as conventional excavator-mounted vibrators clamp the pile on the top.

MÜLLER side grippers can be mounted on almost any standard excavator – without interfering with the excavator hydraulics. They are powered by the on-board hydraulics and controlled by the excavator's control levers.



Pedal switch
in driver's cabin



Pick up from stack
with claw . . .



. . . and arranging



Gripping with
side gripper clamp

The advantages

- The MÜLLER excavator-mounted vibrator with tilt-rotating device and side clamp is ideal for applications with restricted side conditions.
- It offers outstanding maneuverability, supreme reliability, and very easy handling.
- The side clamp is mounted sturdily – with very few moving parts and high clamping force.
- It can be mounted on almost any standard excavator without interfering with the hydraulics – thanks to an intelligent control block.
- Vertical alignment is via an inclination measuring and display device.
- Made in Germany



Positioning, aligning,
and driving



Shifting and driving
to final depth



Handling of H-beam



Inclination measurement
and display device

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