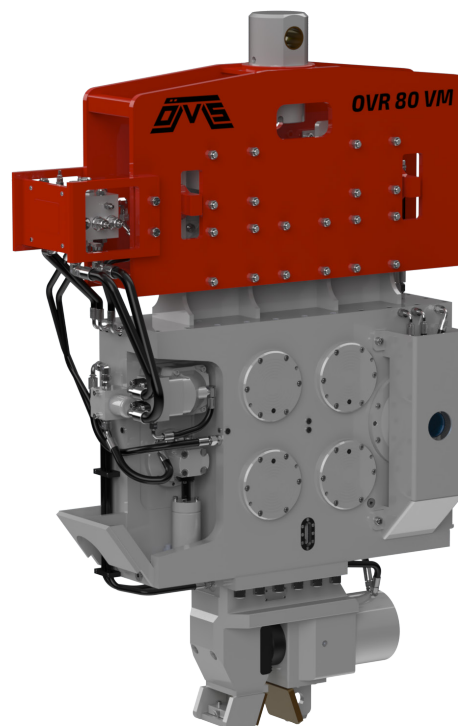




OMS Pile Driving Equipment

OVR 80 VM

**EXCAVATOR MOUNTED
VIBRATORY HAMMER**



ADVANTAGES

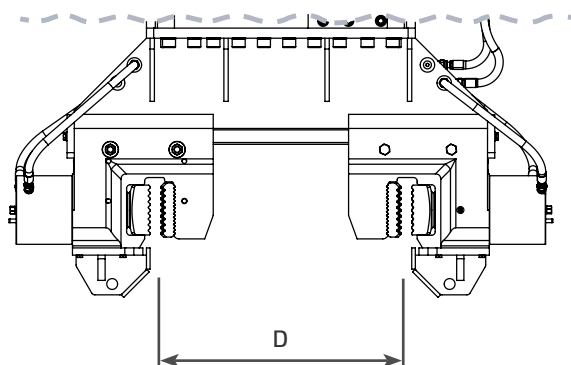
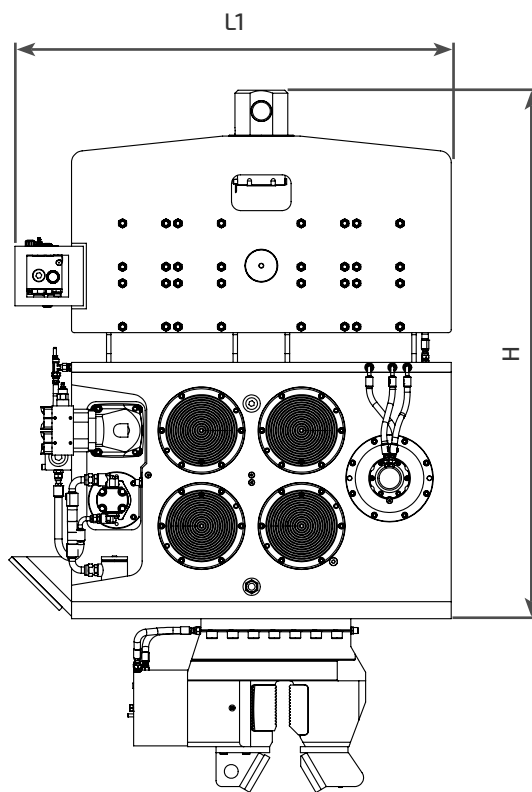
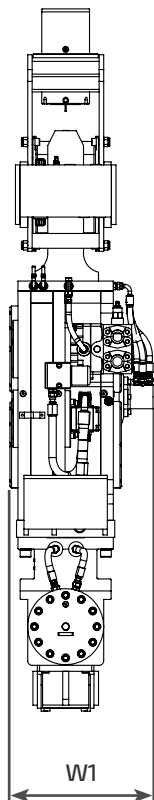
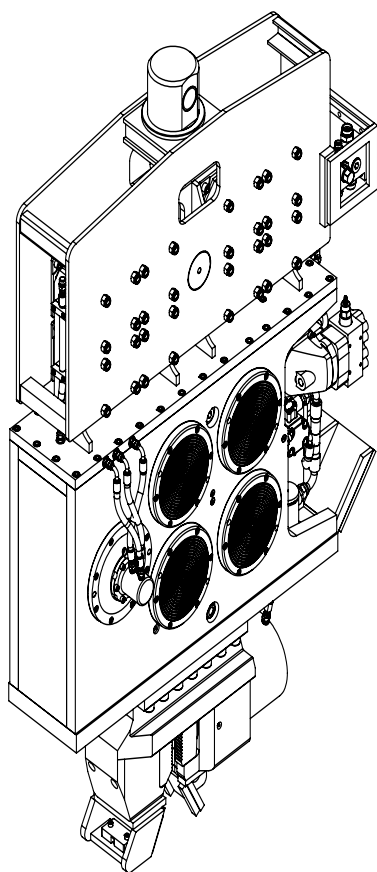
- Environmentally friendly technology,
- Controlled amplitude by means of adjustable eccentric moment,
- Resonance - free start - stop,
- Optimum force application to the ground via variable moment feature,
- Minimized sound transmission through high-capacity anti-vibration mounts,
- Powerful, reliable and long life.

***Suitable for near
historical buildings
to use with variable
(resonance - free) models.***

Amplitude / eccentric moment can be easily adjusted from minimum to maximum with a variable motor (phase shifter).

The variable moment (phase shifter) of SVR Variable Moment Vibratory Hammers adjusts the position of the eccentric masses according to start and stop of the vibration case (gear box) to not generate resonance. Thus, the vibration case vibrates at maximum frequency and this reduces the disturbance to surrounding soils.

OVR 80 VM / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	0 - 8 kgm	0 - 695 inlbs
Centrifugal Force	464 kN	52 tons
Frequency	2300 rpm	2300 rpm
Oil Flow	176 l/min	47 gpm
Power	103 kW	138 hP
Amplitude	12 mm	0.5 in
Pulling Force Max.	147 kN	17 tons

Weight and Dimensions

Unit	Metric	US
Dynamic Weight W/O Clamp	1337 kg	2948 lbs
Total Weight W/O Clamp	1650 kg	3637 lbs
Length / L1	1280 mm	50 in
Height / H1	1680 mm	66 in
Height / H2	2075 mm	82 in
Width / W1	255 mm	10 in
Width / W2	471 mm	19 in

Recommended Clamp Type for Sheet Piles

SCN 60

Unit	Metric	US
Clamping Force	643 kN	72 tons
Weight	327 kg	721 lbs

Recommended Clamp Type for Casing

KCN 45x2

Unit	Metric	US
Diameter (min. - max.) / D	350 - 970 mm	14 - 38 in
Clamping Force	465 x 2 kN	104 tons
Weight	185 x 2 kg	816 lbs

Recommended Excavator Working Weight (ton)

36 - 40

