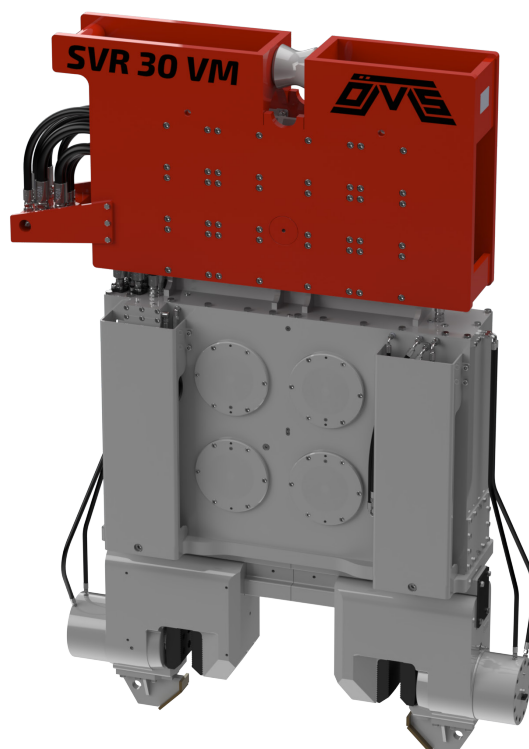




OMS Pile Driving Equipment



SVR 30 VM

**CRANE HANGING
VIBRATORY HAMMER**

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

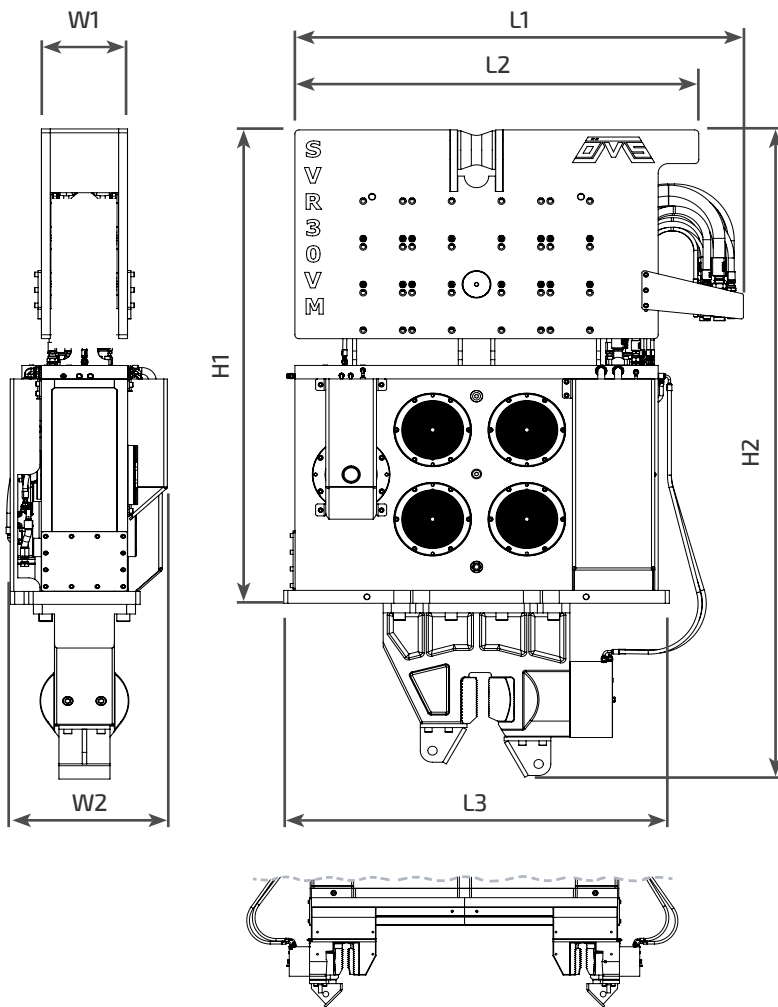
ADVANTAGES

- 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.

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.

SVR 30 VM / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	0 - 30 (kgm)	0-2603(in/lbs)
Centrifugal Force Max.	1746 (kN)	197 (tons)
Frequency	2300 (rpm)	2300 (rpm)
Oil Flow	767 (l/min)	203 (gpm)
Power	448 (kW)	601 (hp)
Amplitude	13 (mm)	0.5 (in)
Pulling Force Max.	706 (kN)	80 (tons)

Weight and Dimensions

Unit	Metric	US
Dyn. Weight W/O Clamp	3785 (kg)	8345 (lbs)
Total Weight W/O Clamp	5700 (kg)	12566 (lbs)
Length / L1	2210 (mm)	87 (in)
Length / L2	1990 (mm)	79 (in)
Length / L3	2248 (mm)	89 (in)
Height / H1	2460 (mm)	97 (in)
Height / H2	3400 (mm)	134 (in)
Width / W1	388 (mm)	15 (in)
Width / W2	708 (mm)	28 (in)
Throat Width	390 (mm)	15.4 (in)

Recommended Clamp Type for Sheet Piles

SCN 200

Unit	Metric	US
Clamping Force	2262 (kN)	255 (tons)
Weight	1195 (kg)	2635 (lbs)

Recommended Clamp Type for Casing

KCN 120 x 2

Unit	Metric	US
Diameter (min. - max.) / D	620 - 1020 (mm)	25 - 40 (in)
Clamping Force	1216 x 2 (kN)	273 (tons)
Weight	948 x 2 (kg)	4180 (lbs)

Recommended Power Pack

PP 768

Unit	Metric	US
Oil Flow Max.	930 (lpm)	246 (gpm)
Pressure Max.	350 (bar)	5076 (psi)
Oil Capacity	1700 (liter)	449 (gal)
Diesel Tank Capacity	900 (liter)	238 (gal)
Width	2030 (mm)	80 (in)
Length	5230 (mm)	206 (in)
Height	2210 (mm)	87 (in)

Stage	Model	Power	Weight (kg)	Weight (lbs)
Tier 2	Volvo TAD1643VE	565 / 768 (kW/hp)	8700	19175

