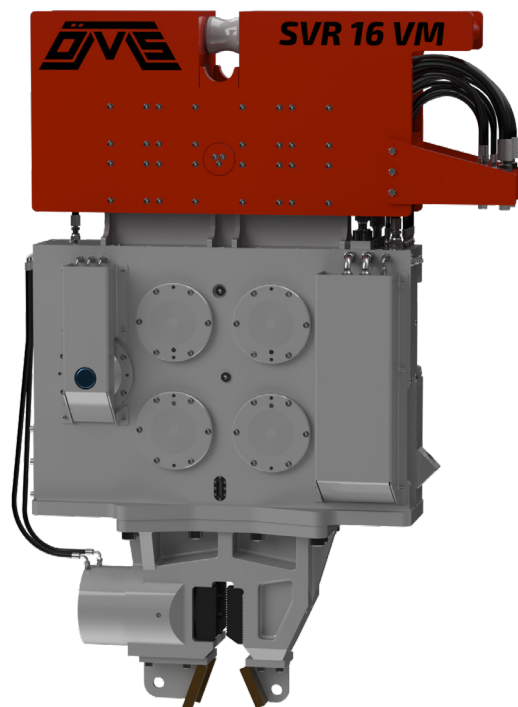




OMS Pile Driving Equipment

SVR 16 VM

**CRANE HANGING
VIBRATORY HAMMER**



ADVANTAGES

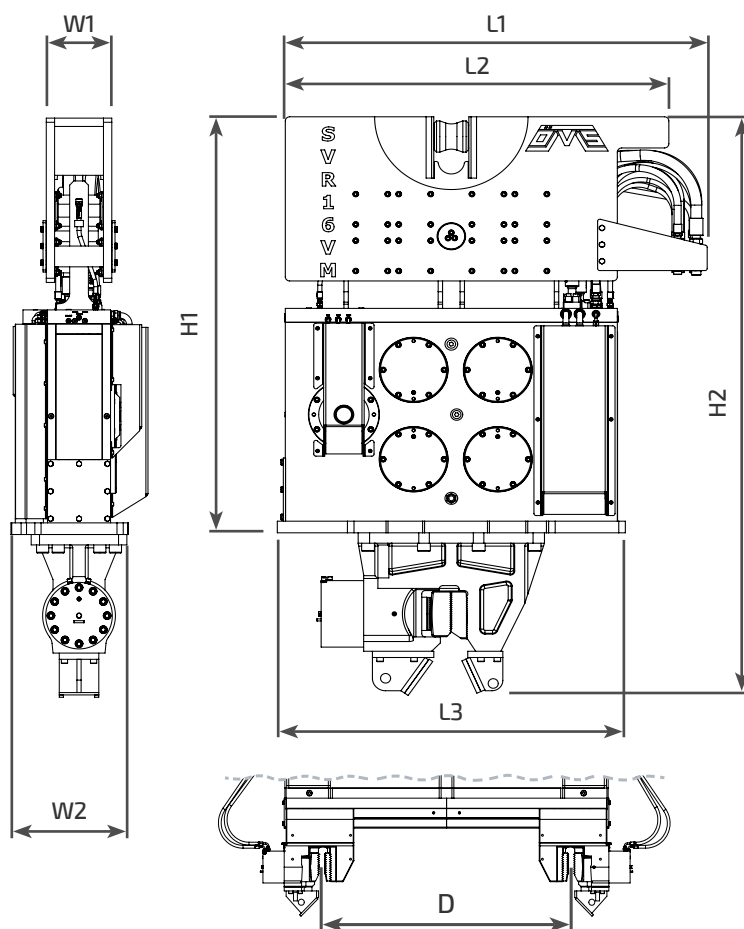
- Environmentally friendly technology,
- Controlled amplitude by means of adjustable eccentric moment,
- Resonance - free start - stop,
- Optimum force application to the ground via variable moment feature,
- Minimized sound transmission through high-capacity anti-vibration mounts,
- Powerful, reliable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

SVR 16 VM / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	0 - 16 (kgm)	0-1389 (in/lbs)
Centrifugal Force Max.	934 (kN)	105 (tons)
Frequency	2300 (rpm)	2300 (rpm)
Oil Flow	492 (L/min)	130 (gpm)
Power	287 (kW)	385 (hP)
Amplitude	12 (mm)	0.5 (in)
Pulling Force Max.	235 (kN)	27 (tons)

Weight and Dimensions

Unit	Metric	US
Dynamic Weight W/O Clamp	2733 (kg)	6026 (lbs)
Total Weight W/O Clamp	3650 (kg)	8047 (lbs)
Length / L1	1925 (mm)	76 (in)
Length / L2	1750 (mm)	69 (in)
Length / L3	1945 (mm)	77 (in)
Height / H1	2002 (mm)	79 (in)
Height / H2	2675 (mm)	105 (in)
Width / W1	321 (mm)	13 (in)
Width / W2	650 (mm)	26 (in)
Throat Width	314 (mm)	12.4 (in)

Recommended Clamp Type for Sheet Piles

SCN 120

Unit	Metric	US
Clamping Force	1216 (kN)	137 (tons)
Weight	851 (kg)	1876 (lbs)

Recommended Clamp Type for Casing

KCN 60 x 2

Unit	Metric	US
Diameter (min. - max.) / D	360 - 1020 (mm)	14 - 40 (in)
Clamping Force	643 x 2 (kN)	145 (tons)
Weight	307 x 2 (kg)	1354 (lbs)

Recommended Power Pack

PP 422

Unit	Metric	US
Oil Flow Max.	729 (lpm)	193 (gpm)
Pressure Max.	350 (bar)	5076 (psi)
Oil Capacity	650 (liter)	172 (gal)
Diesel Tank Capacity	800 (liter)	211 (gal)
Width	1820 (mm)	72 (in)
Length	4520 (mm)	178 (in)
Height	2175 (mm)	86 (in)

Stage	Model	Power	Weight (kg)	Weight (lbs)
Tier 2	Volvo TAD1342VE	310 / 422 (kW/hP)	7000	15428

