

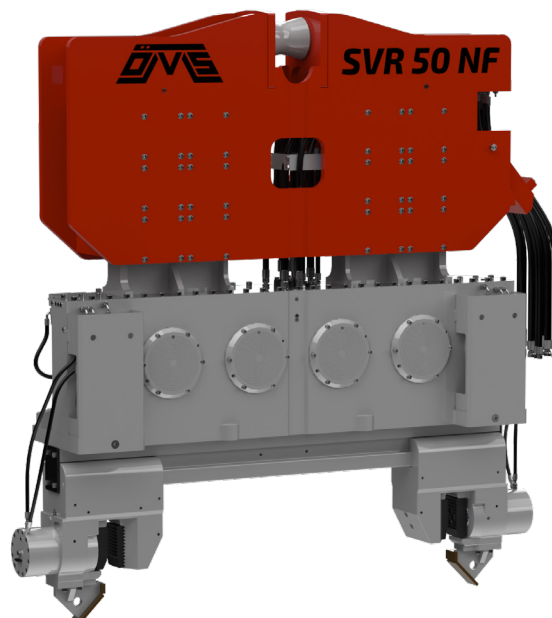


OMS Pile Driving Equipment

SVR 50 NF

**CRANE HANGING
VIBRATORY HAMMER**

***Recommended in
projects requiring
a high driving or
extracting force.***



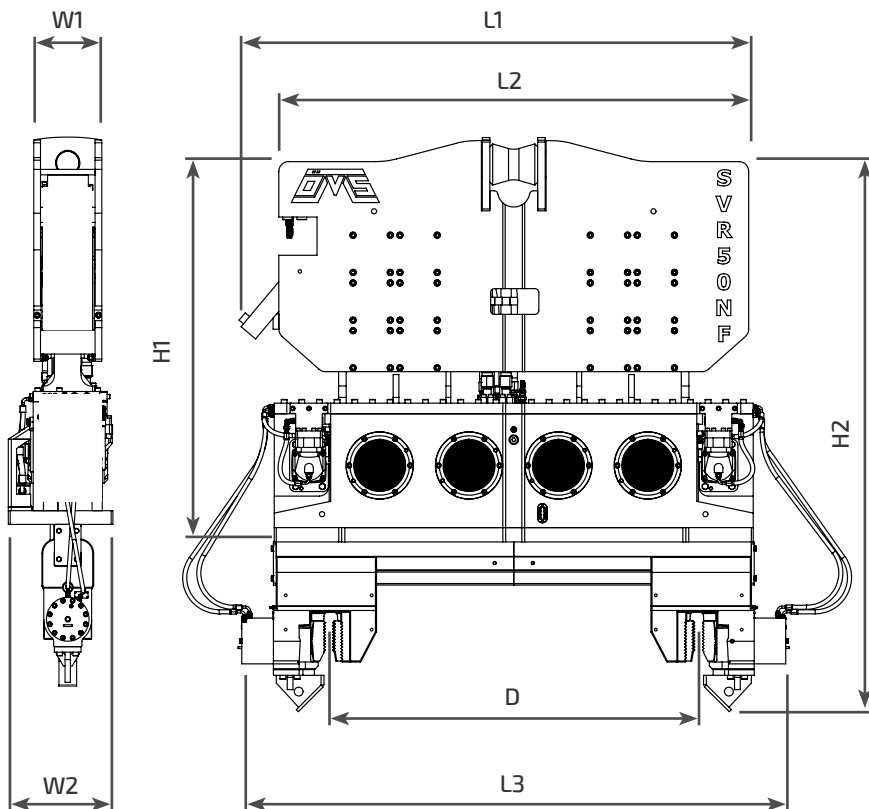
ADVANTAGES

- High performance,
- Performance of desired power settings and work tracking by the control system,
- Various clamp types to suit all pile profiles,
- Innovative structure adapting to fast developing technology,
- 24/7 technical services and spare part support,
- Powerful, reliable and long life.

SVR Series vibratory piling machines are recommended in projects requiring a high driving or extracting force. SVR type vibrators are powered by OMS Power Packs, all of which have remote control and touch screen control panels. These controls are used to adjust the vibrator to suit varying ground conditions.

OMS not only provides serial production machines but can also design machines to meet project requirements.

SVR 50 NF / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	50.2 (kgm)	4357 (in.lbs)
Centrifugal Force Max.	1409 (kN)	159 (tons)
Frequency	1600 (rpm)	1600 (rpm)
Oil Flow	605 (l/min)	160 (gpm)
Power	352 (kW)	472 (hp)
Amplitude	24 (mm)	0.9 (in)
Pulling Force Max.	706 (kN)	80 (tons)

Weight and Dimensions

Unit	Metric	US
D. Weight W/O Clamp	4130 (kg)	9105 (lbs)
T. Weight W/O Clamp	6150 (kg)	13559 (lbs)
Length / L1	2650 (mm)	105 (in)
Length / L2	2460 (mm)	97 (in)
Length / L3	2848 (mm)	112 (in)
Height / H1	2117 (mm)	84 (in)
Height / H2	3002 (mm)	118 (in)
Width / W1	384 (mm)	15 (in)
Width / W2	590 (mm)	23 (in)
Throat Width	360 (mm)	14.2 (in)

Recommended Clamp Type for Sheet Piles

SCN 165

Unit	Metric	US
Clamping Force	1700 (kN)	191 (tons)
Weight	866 (kg)	1909 (lbs)

Recommended Clamp Type for Casing

KCN 90 x 2

Unit	Metric	US
Diameter (min. - max.) / D	520 - 1900 (mm)	21 - 75 (in)
Clamping Force	890 x 2 (kN)	200 (tons)
Weight	538 x 2 (kg)	2372 (lbs)

Recommended Power Pack

PP 536

Unit	Metric	US
Oil Flow Max.	729 (lpm)	193 (gpm)
Pressure Max.	350 (bar)	5076 (psi)
Oil Capacity	750 (liter)	198 (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 TAD1345VE	394 / 536 (kW/hp)	6800	14987

