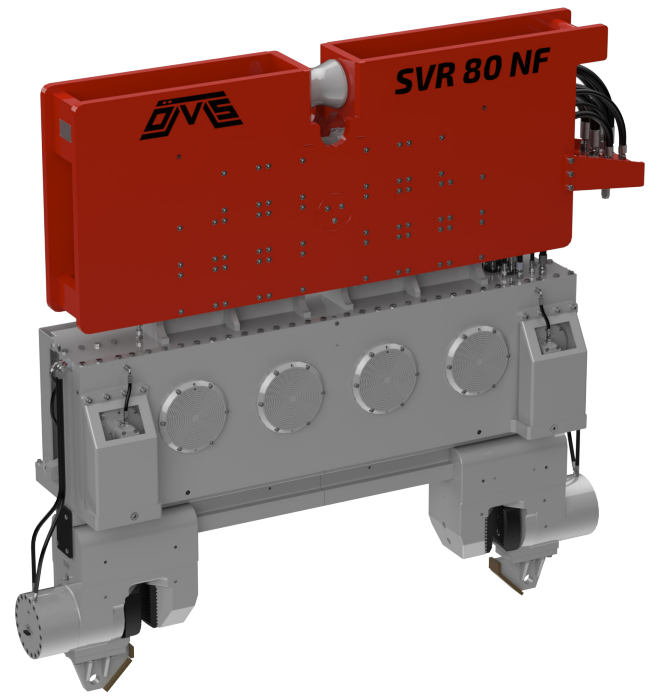




OMS Pile Driving Equipment

SVR 80 NF

**CRANE HANGING
VIBRATORY HAMMER**



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

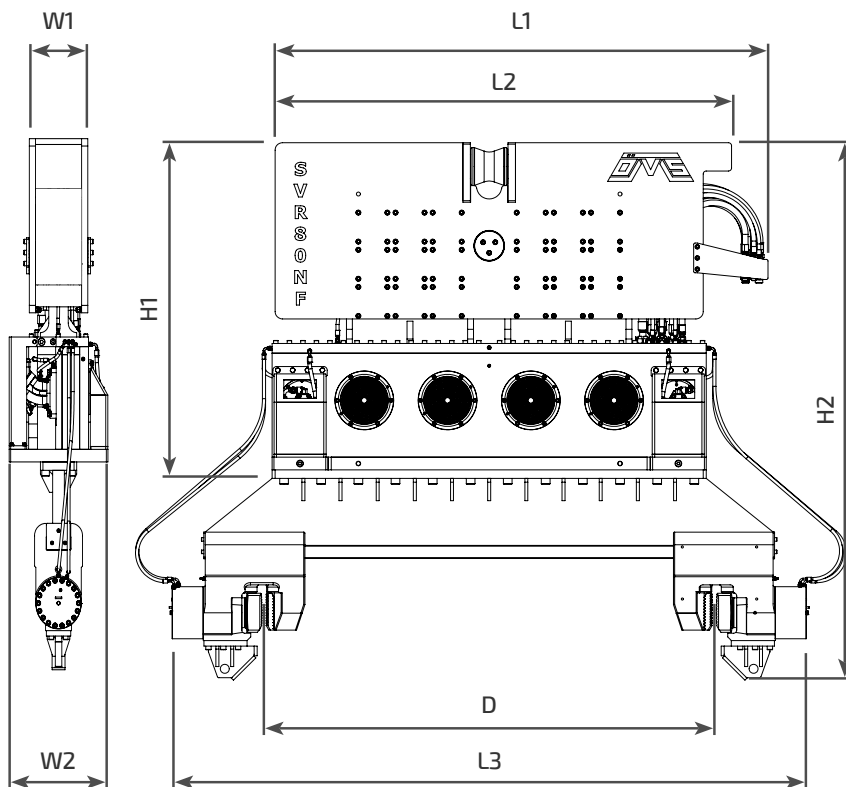
ADVANTAGES

- 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 80 NF / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	80.3 (kgm)	6970 (in.lbs)
Centrifugal Force Max.	1988 (kN)	223 (tons)
Frequency	1500 (rpm)	1500 (rpm)
Oil Flow	899 (L/min)	237 (gpm)
Power	524 (kW)	703 (hP)
Amplitude	28 (mm)	1.08 (in)
Pulling Force Max.	941 (kN)	106 (tons)

Weight and Dimensions

Unit	Metric	US
Dynamic Weight W/O Clamp	5850 (kg)	12897 (lbs)
Total Weight W/O Clamp	9100 (kg)	20062 (lbs)
Length / L1	3315 (mm)	131 (in)
Length / L2	3070 (mm)	121 (in)
Length / L3	3410 (mm)	134 (in)
Height / H1	2200 (mm)	87 (in)
Height / H2	3290 (mm)	130 (in)
Width / W1	451 (mm)	18 (in)
Width / W2	761 (mm)	30 (in)
Throat Width	461 (mm)	18.2 (in)

Recommended Clamp Type for Sheet Piles

SCN 350

Unit	Metric	US
Clamping Force	3560 (kN)	400 (tons)
Weight	2560 (kg)	5644 (lbs)

Recommended Clamp Type for Casing

KCN 185 x 2

Unit	Metric	US
Diameter (min. - max.) / D	600 - 2100 (mm)	24 - 83 (in)
Clamping Force	1858 x 2 (kN)	418 (tons)
Weight	1164 x 2 (kg)	5133 (lbs)

Recommended Power Pack

PP 768

Stage	Tier 2	
Model	Volvo TAD1643VE	
Power	565 / 768 (kW/hP)	

Unit	Metric	US
Oil Flow Max.	930 (lpm)	245 (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)
Weight	8700 (kg)	19175 (lbs)

