

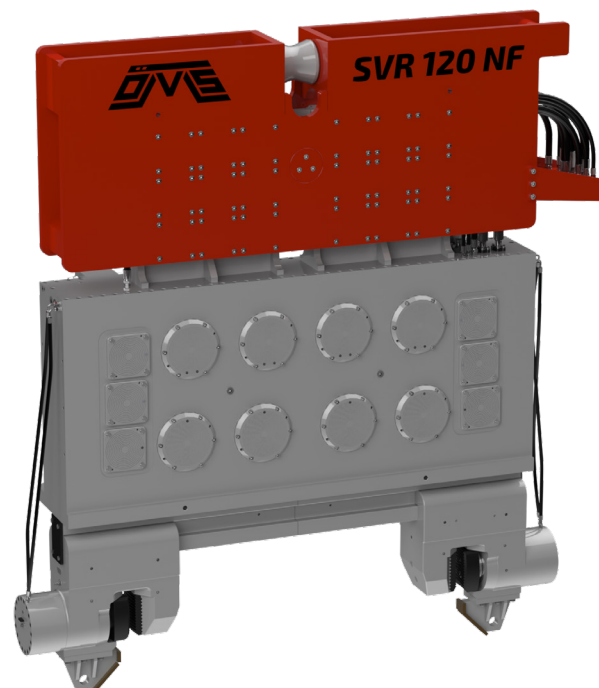


OMS Pile Driving Equipment

SVR 120 NF

**CRANE HANGING
VIBRATORY HAMMER**

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



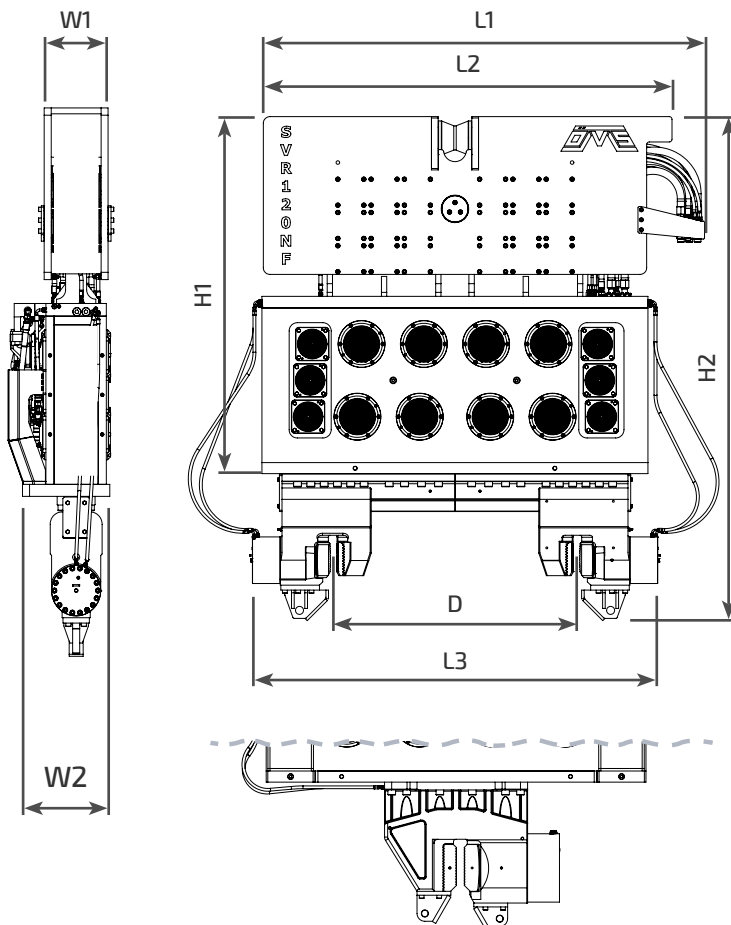
ADVANTAGES

- 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 120 NF / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	120 (kgm)	10416 (in.lbs)
Centrifugal Force Max.	2846 (kN)	320 (tons)
Frequency	1480 (rpm)	1480 (rpm)
Oil Flow	1122 (l/min)	297 (gpm)
Power	655 (kW)	878 (hP)
Amplitude	26 (mm)	1 (in)
Pulling Force Max.	1059 (kN)	119 (tons)

Weight and Dimensions

Unit	Metric	US
Dynamic Weight W/O Clamp	9145 (kg)	20162 (lbs)
Total Weight W/O Clamp	12172 (kg)	26835 (lbs)
Length / L1	3315 (mm)	131 (in)
Length / L2	3070 (mm)	121 (in)
Length / L3	3360 (mm)	132 (in)
Height / H1	2682 (mm)	106 (in)
Height / H2	3766 (mm)	148 (in)
Width / W1	455 (mm)	18 (in)
Width / W2	728 (mm)	29 (in)
Throat Width	480 (mm)	18.9 (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 - 2050 (mm)	24 - 81 (in)
Clamping Force	1858 x 2 (kN)	418 (tons)
Weight	1164 x 2 (kg)	5133 (lbs)

Recommended Power Pack

PP 1072

Stage	Tier 2	
Model	Volvo 2 x TAD1345VE	
Power	788 / 1072 (kW/hP)	

Unit	Metric	US
Oil Flow Max.	1460 (lpm)	386 (gpm)
Pressure Max.	350 (bar)	5076 (psi)
Oil Capacity	2800 (liter)	739 (gal)
Diesel Tank Capacity	1000 (liter)	264 (gal)
Width	2445 (mm)	96 (in)
Length	6060 (mm)	239 (in)
Height	2590 (mm)	102 (in)
Weight	12000 (kg)	26448 (lbs)

