

CRANE SUSPENDED VIBRO HAMMER
SVR 200 NF // INDONESIA



www.omsvibro.com

OMS VIBRATORY HAMMERS

SVR SERIES

Crane Suspended Vibro Hammer
(Normal Frequency & Variable Moment)

OVR SERIES

Excavator Mounted Vibro Hammer
(Standard & Variable Moment)

SVR 200 NF Video



POWERFUL VIBRATORY PILE DRIVING EQUIPMENT BY OMS

Manufacturer of Pile Driving Equipment for over 35 years!

Why Choose the OMS?

OMS offers its nature-respecting and sustainable solutions, which are part of our mission to our customers and business partners in the best way with its quality and the environment of trust it provides. Also, OMS is growing rapidly by including new dealers in its structures while continuing to have a say in international trade. These are the top reasons why OMS is preferred and why we are getting closer to our vision of being situated in the most reliable and respected position in the sector and being the "brand of the future" day by day.



OMS vibratory pile driving equipment is used in the field of construction and infrastructure in all conditions around the globe.

- Wide Range Products for Various Ground Condition and Depth,
- Crane hanging, excavator mounted and side grip vibratory hammers,
- Suitable for near historical buildings to use with variable (resonance - free) models,
- Stone column vibroflotation equipment for vibro compaction and vibro replacement,
- Wick drain installation equipment (PVD insertion equipment),
- Hydraulic power units,
- Extensive range of accessories and clamps,
- 70% in-house production provides the quality control,
- Fast delivery and professional after sales team,
- Spare parts and training support,
- Easy and effortless documentation and shipping.

SVR Series Crane Suspended Vibro Hammer

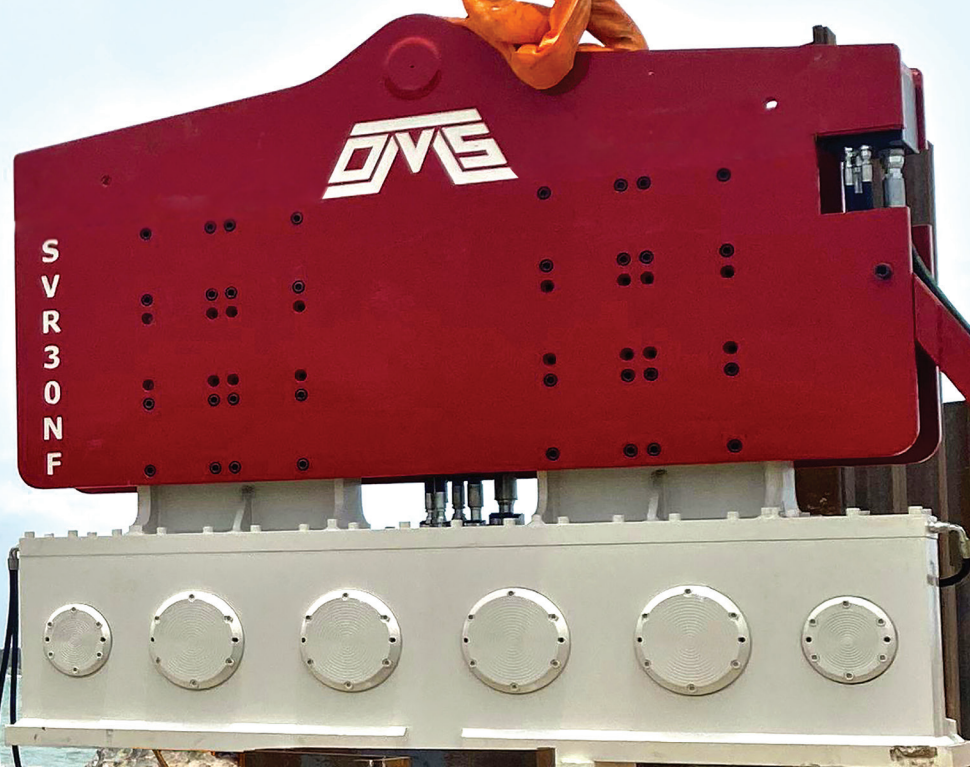
- Normal Frequency (NF) —————> Page 04
- Variable Moment (VM) —————> Page 08

OVR Series Excavator Mounted Vibro Hammer

- Standard (S) —————> Page 12
- Variable Moment (VM) —————> Page 16

OMS vibratory pile driving machines save time and cost by providing the latest technology and the best performance. With 24/7 access to technical and spare part support, all piling applications can be conducted without any problem occurring.

CRANE SUSPENDED VIBRO HAMMER
SVR 30 NF // GHANA



Scan the code with your mobile camera or
with a QR reader app to watch the working video of SVR 30 NF.

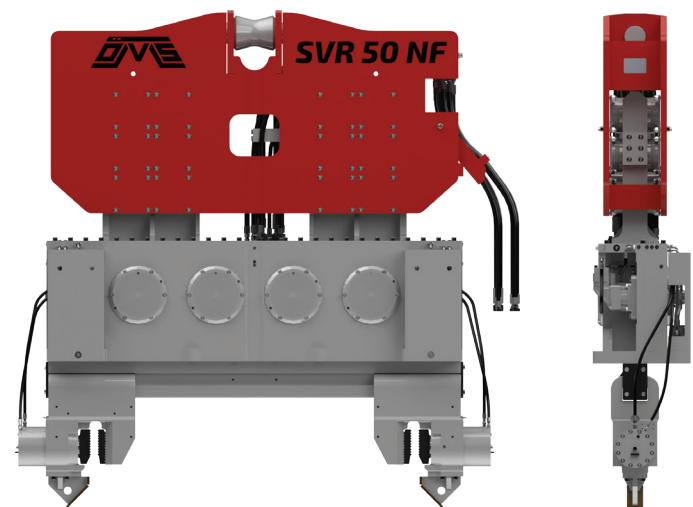


For various ground conditions and depths, long-lasting, powerful
and high-performance vibratory pile driver / extractor.

SVR Series

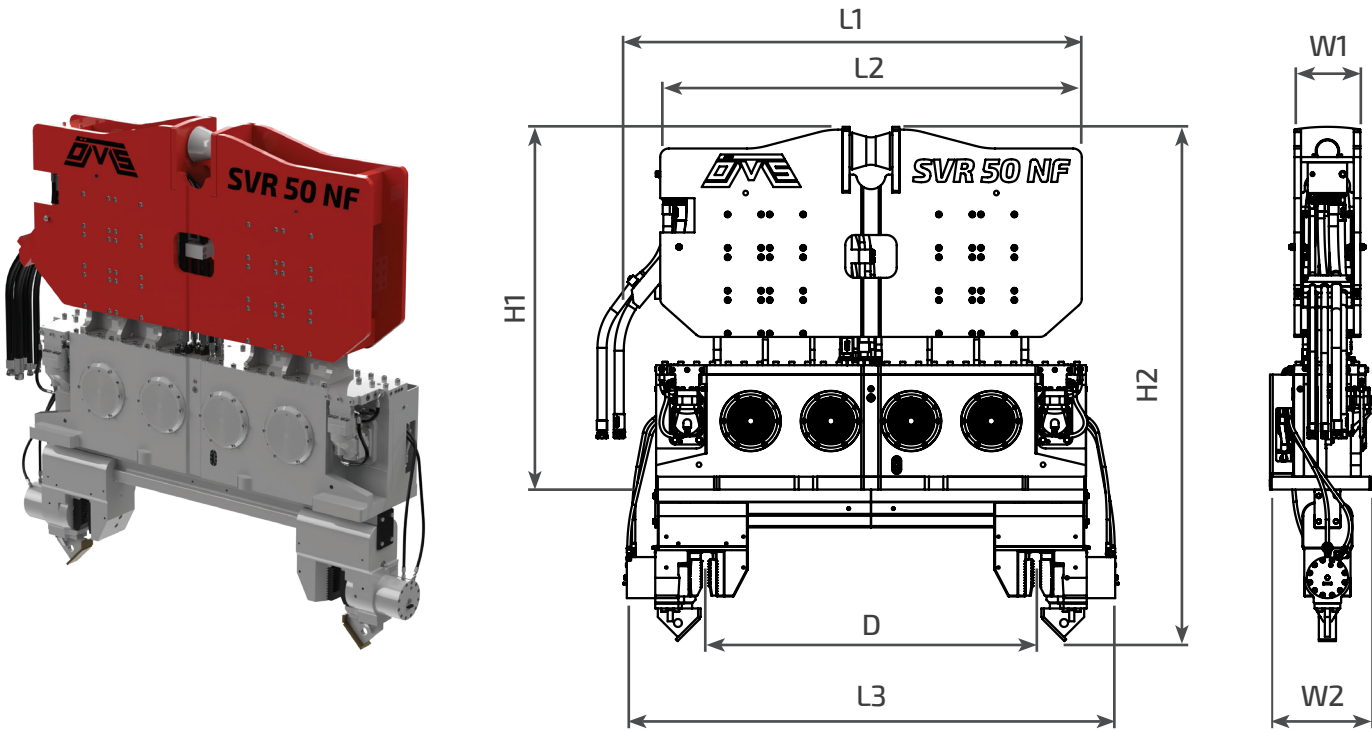
Crane Suspended Vibro Hammers

Normal Frequency (NF)



Metric System

Technical Specifications	25 NF	30 NF	50 NF	80 NF	82 NF	120 NF	200 NF
Eccentric Moment (kgm)	25	32.6	50.2	80.3	82.3	120	203.2
Centrifugal Force (kN)	795	1036	1409	2253	2310	2846	4380
Frequency (rpm)	1700	1700	1600	1600	1600	1480	1400
Oil Flow (lpm)	366	421	605	959	925	1122	1792
Power (kW)	195	243	352	559	540	655	1045
Amplitude (mm)	22	24	24	27.5	27.5	26	19
Pulling Force (kN) Max.	470	590	706	941	941	1059	1880
Weight and Dimensions							
Dyn. Weight W/O Clamp (kg)	2270	2750	4130	5850	6000	9145	21700
Total Weight W/O Clamp (kg)	3100	4485	6150	9100	8950	12172	26100
Length / L1 (mm)	1998	2599	2650	3315	2740	3315	3660
Length / L2 (mm)	1796	2420	2460	3070	2500	3070	3350
Length / L3 (mm)	1942	2812	2848	3410	2950	3360	-
Height / H1 (mm)	1705	2034	2117	2200	2675	2682	3620
Height / H2 (mm)	2376	2704	3002	3290	3765	3766	-
Width / W1 (mm)	371	364	384	451	408	455	493
Width / W2 (mm)	550	575	590	761	700	728	2070
Throat Width (mm)	366	350	360	461	360	480	800
Clamps for Sheet Piles	SCN 120	SCN 120	SCN 165	SCN 350	SCN 350	SCN 350	-
Clamping Force (kN)	1216	1216	1700	3560	3560	3560	-
Weight (kg)	851	851	866	2560	2560	2560	-
Clamps for Casing	KCN 60x2	KCN 60x2	KCN 90x2	KCN 185x2	KCN 185x2	KCN 185x2	KCN 185x4
Diameter (min.-max.) / D (mm)	360 - 1030	360 - 1900	520 - 1900	600 - 2100	600 - 1650	600 - 2050	1000 - 3000
Clamping Force (kN)	643 x 2	643 x 2	890 x 2	1858 x 2	1858 x 2	1858 x 2	1858 x 4
Weight (kg)	307 x 2	307 x 2	538 x 2	1164 x 2	1164 x 2	1164x 2	1164 x 4
Recommended Power Pack	PP 320	PP 422	PP 536	PP 768	PP 800	PP 1072	PP 1536
Output (kW)	235	310	394	565	596	394 x 2	565 x 2



Imperial System

Technical Specifications	25 NF	30 NF	50 NF	80 NF	82 NF	120 NF	200 NF
Eccentric Moment (in.lbs)	2170	2830	4357	6970	7143	10416	17637
Centrifugal Force (tons)	89	116	159	253	260	320	493
Frequency (rpm)	1700	1700	1600	1600	1600	1480	1400
Oil Flow (gpm)	97	111	160	253	244	297	474
Power (hP)	262	326	472	750	724	878	1402
Amplitude (in)	0.9	0.9	0.9	1.08	1.08	1.02	0.75
Pulling Force Max. (tons)	53	66	79	106	106	119	211
Weight and Dimensions							
Dyn. Weight W/O Clamp (lbs)	5004	6063	9105	12897	13228	20162	47840
Total Weight W/O Clamp (lbs)	6834	9888	13559	20062	19731	26835	57541
Length / L1 (in)	79	102	104	131	108	131	144
Length / L2 (in)	71	95	97	121	98	121	132
Length / L3 (in)	77	111	112	134	116	132	-
Height / H1 (in)	67	80	84	87	105	106	143
Height / H2 (in)	94	106	118	130	148	148	-
Width / W1 (in)	15	14	15	18	16	18	19
Width / W2 (in)	22	23	23	30	28	29	82
Throat Width (in)	14.4	13.8	14.2	18.1	14.2	18.9	31.5
Clamps for Sheet Piles	SCN 120	SCN 120	SCN 165	SCN 350	SCN 350	SCN 350	-
Clamping Force (tons)	137	137	191	400	400	400	-
Weight (lbs)	1876	1876	1909	5644	5644	5644	-
Clamps for Casing	KCN 60x2	KCN 60x2	KCN 90x2	KCN 185x2	KCN 185x2	KCN 185x2	KCN 185x4
Diameter (min.-max.)/D (in)	14 - 41	14 - 75	21 - 75	24 - 83	24 - 83	24 - 81	39 - 118
Clamping Force (tons)	73x2	73x2	100x2	209x2	209x2	209x2	418x2
Weight (lbs)	677x2	677x2	1186x2	2567x2	2567x2	2567x2	5133x2
Recommended Power Pack	PP 320	PP 422	PP 536	PP 768	PP 800	PP 1072	PP 1536
Output (hP)	320	422	536	768	800	536 x 2	768 x 2

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the working video
of SVR 50 NF.



High Eccentric Moment and Vibration Amplitude...

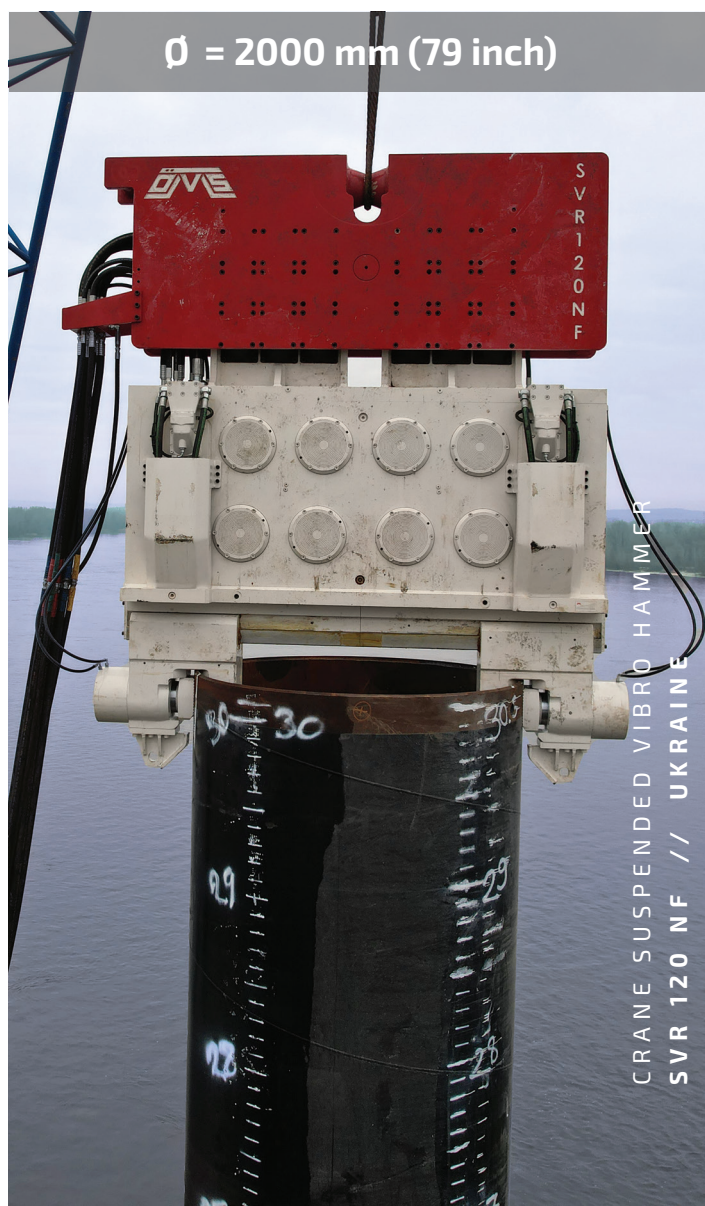
SVR series are designed to drive and extract all types of piles including sheet, tube (casing), also H - beam, I - beam, and steel plates.

SVR series is recommended in projects requiring a high driving or extracting force. SVR type vibro hammers are powered by OMS Power Packs, which have equipped with remote control and touch screen control panels.

Advantages

- Various clamp types to suit all pile types,
- High eccentric moment and vibration amplitude,
- Adjustment of power settings and monitoring of the process through the control system,
- Powerful, reliable and long life.

Ø = 2000 mm (79 inch)





Selection Chart

Crane Suspended Vibro Hammers

