



OMS Pile Driving Equipment



OVR 20 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

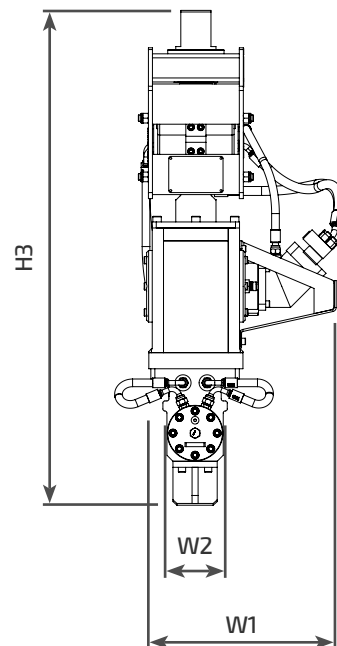
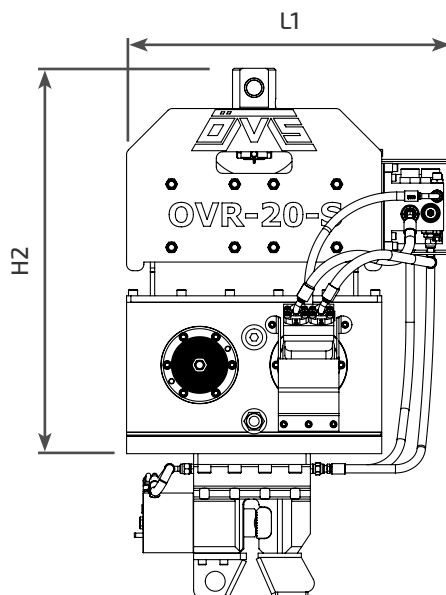
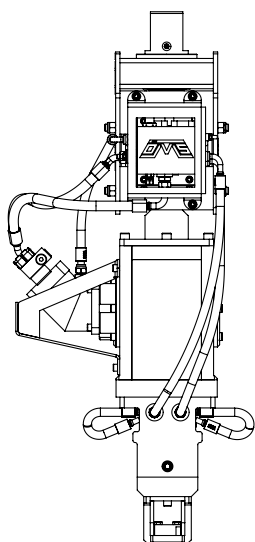
***Fast, reliable and easy
excavator connection!***

ADVANTAGES

- Fast, reliable and easy excavator connection,
- Ergonomic design providing practical use,
- Full safe movement around link yoke,
- High-performance and driving/extracting power,
- Minimum vibration transmission to the environment,
- Powerful, reliable and long-life.

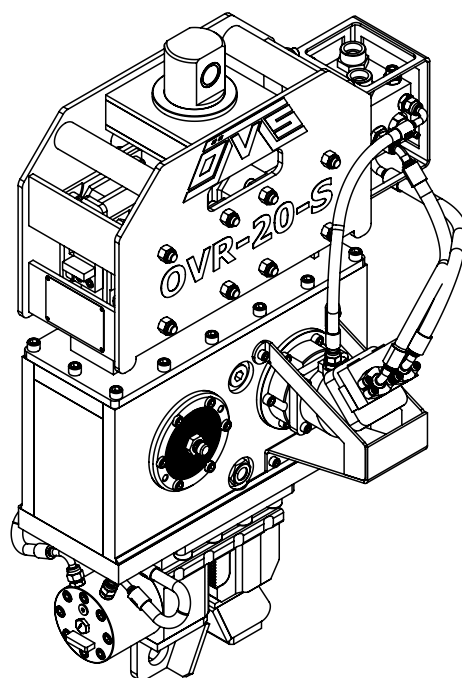
OVR Series of vibratory piling machines have been designed to be powered by the hydraulic system of the excavator it is fitted to. The vibro hammer can be easily and quickly fitted without any modifications required to the excavator and is controlled directly by the excavator operator. OVR series vibro hammers can be easily used with all types of pile by using the OMS range of hydraulic clamps and provides time and cost saving.

OVR 20 S / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	2.1 (kgm)	183 (in.lbs)
Centrifugal Force	140 (kN)	16 (tons)
Frequency	2500 (rpm)	2500 (rpm)
Oil Flow	62 (l/min)	17 (gpm)
Power	33 (kW)	45 (hP)
Amplitude	16 (mm)	0.6 (in)
Pulling Force Max.	59 (kN)	7 (tons)



Weight and Dimensions

Unit	Metric	US
Dynamic Weight Without Clamp	270 (kg)	596 (lbs)
Total Weight Without Clamp	384 (kg)	847 (lbs)
Length / L1	755 (mm)	30 (in)
Height / H1	-	-
Height / H2	891 (mm)	35 (in)
Height / H3	1226 (mm)	48 (in)
Width / W1	456 (mm)	18 (in)

Clamp Type for Sheet Pile

Unit	Metric	US
Width / W2	160 (mm)	6 (in)
Clamping Force	203 (kN)	23 (tons)
Weight	88 (kg)	194 (lbs)

Clamp Types for Casing

Diameter (min. - max.) / D	-	-
Clamping Force (kN)	-	-
Weight (kg)	-	-

Recommended Excavator Working Weight (ton)

6 - 12



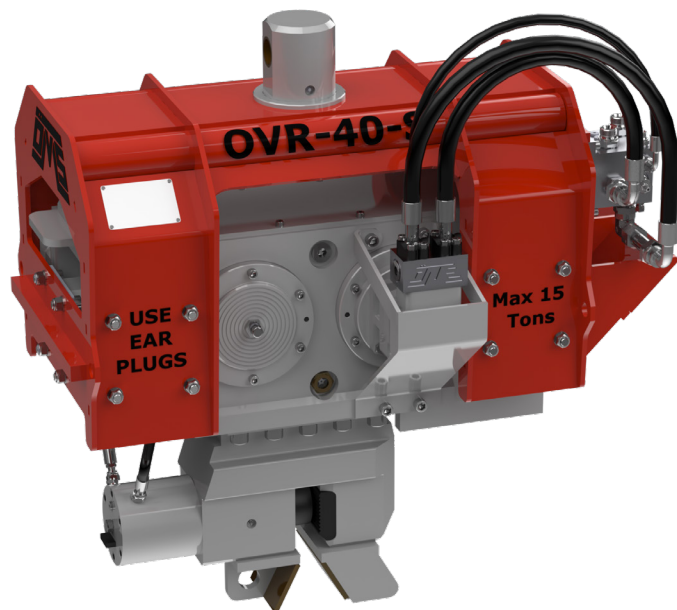


OMS Pile Driving Equipment

OVR 40 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

***Fast, reliable and easy
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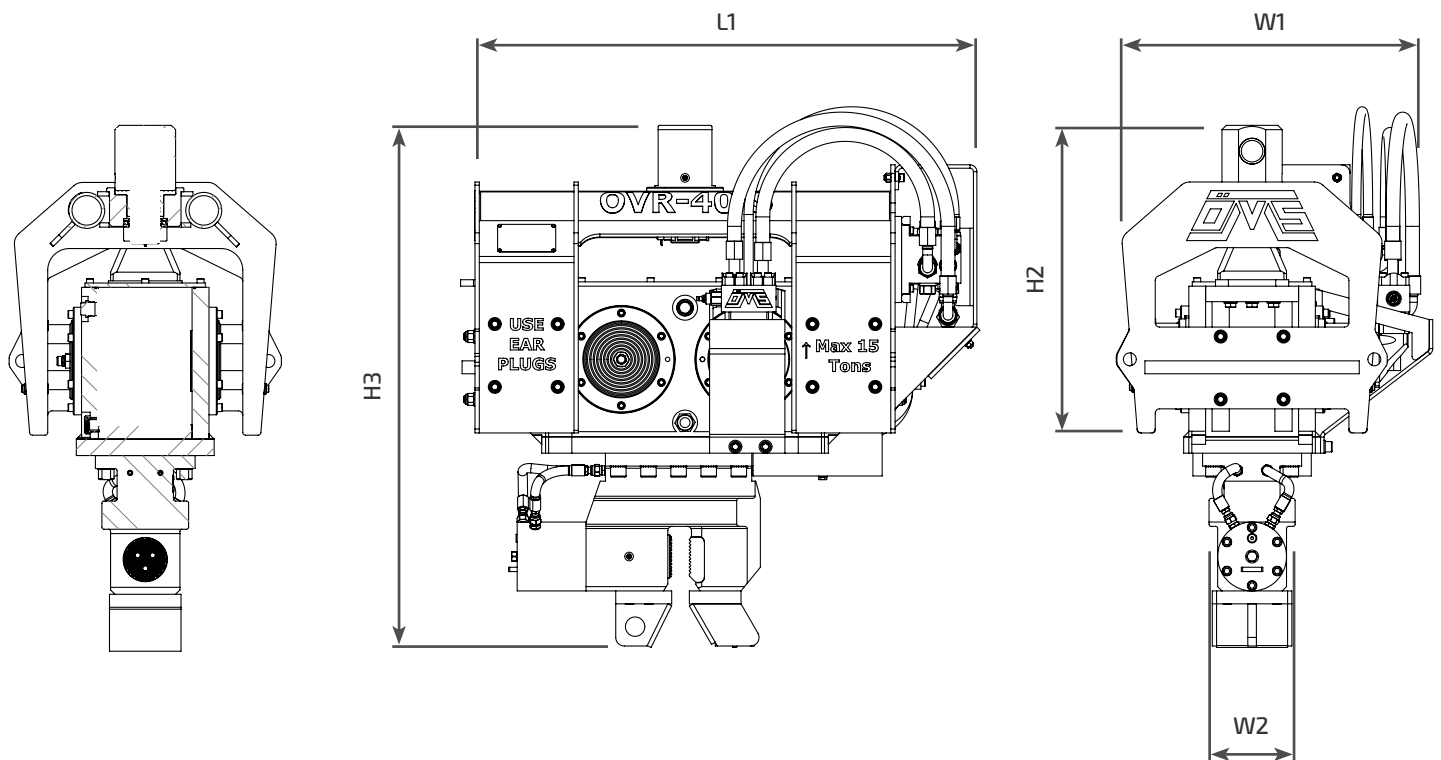


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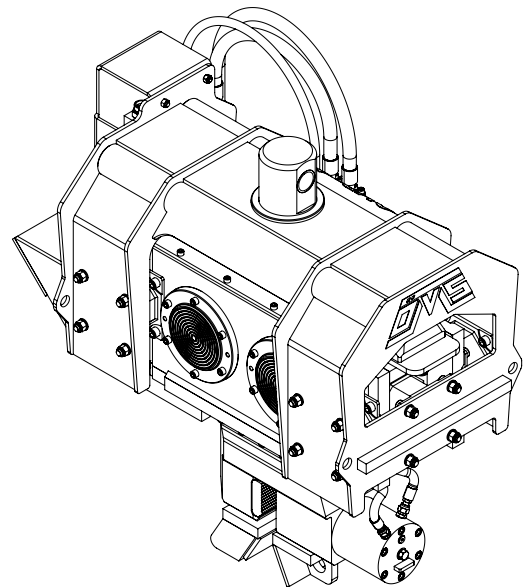
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OVR 40 S / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	4 (kgm)	347 (in.lbs)
Centrifugal Force	276 (kN)	31 (tons)
Frequency	2500 (rpm)	2500 (rpm)
Oil Flow	100 (L/min)	27 (gpm)
Power	53 (kW)	71 (hP)
Amplitude	15 (mm)	0.6 (in)
Pulling Force Max.	88 (kN)	10 (tons)



Weight and Dimensions

Unit	Metric	US
Dynamic Weight Without Clamp	534 (kg)	1178 (lbs)
Total Weight Without Clamp	786 (kg)	1733 (lbs)
Length / L1	1200 (mm)	47 (in)
Height / H1	-	-
Height / H2	762 (mm)	30 (in)
Height / H3	1203 (mm)	47 (in)
Width / W1	735 (mm)	29 (in)

Clamp Type for Sheet Pile

Unit	Metric	US
Width / W2	200 (mm)	8 (in)
Clamping Force	304 (kN)	34 (tons)
Weight	192 (kg)	423 (lbs)

Clamp Types for Casing

Diameter (min. - max.) / D	-	-
Clamping Force (kN)	-	-
Weight (kg)	-	-

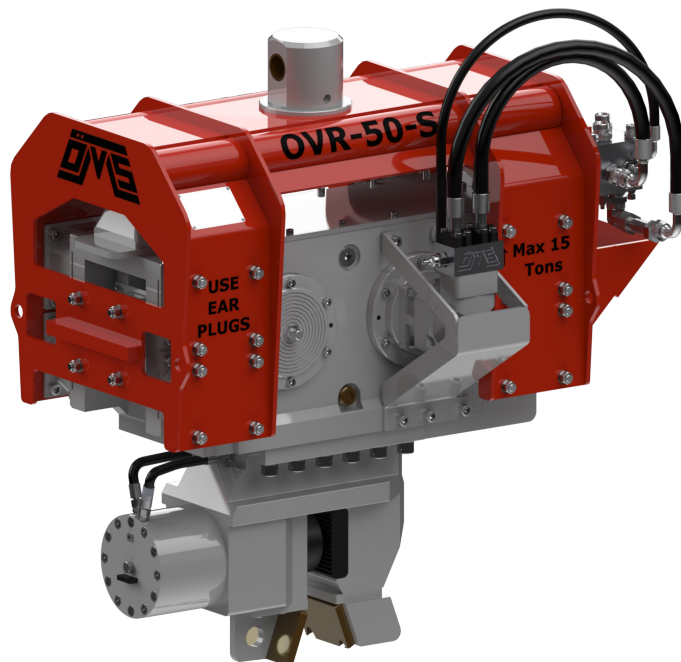
Recommended Excavator Working Weight (ton)

18 - 22





OMS Pile Driving Equipment



OVR 50 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

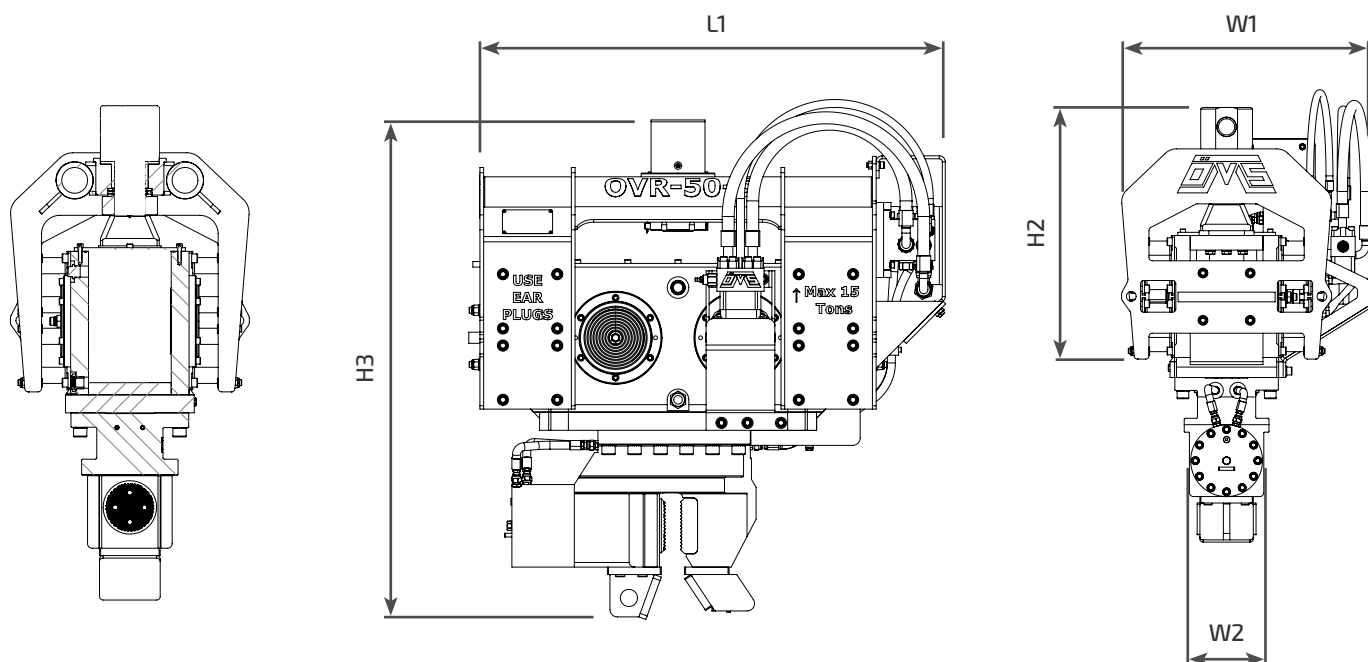
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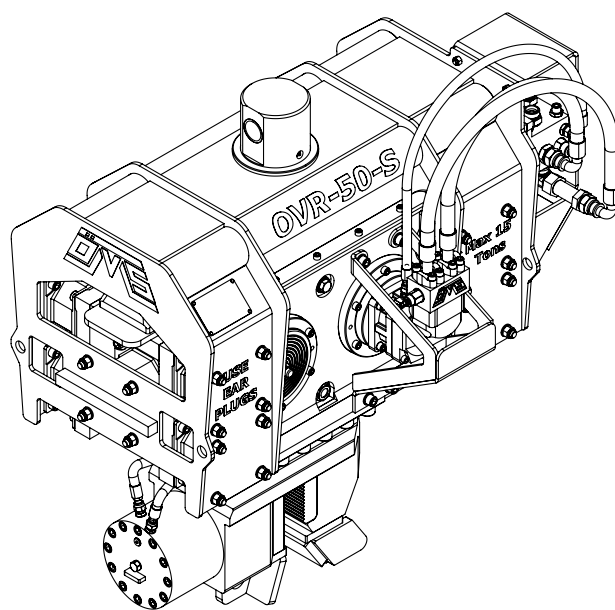
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OVR 50 S / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	5.2 (kgm)	451 (in.lbs)
Centrifugal Force	354 (kN)	40 (tons)
Frequency	2500 (rpm)	2500 (rpm)
Oil Flow	150 (L/min)	40 (gpm)
Power	80 (kW)	108 (hP)
Amplitude	14 (mm)	0.6 (in)
Pulling Force Max.	147 (kN)	17 (tons)



Weight and Dimensions

Unit	Metric	US
Dynamic Weight Without Clamp	749 (kg)	1651 (lbs)
Total Weight Without Clamp	1080 (kg)	2381 (lbs)
Length / L1	1282 (mm)	51 (in)
Height / H1	-	-
Height / H2	835 (mm)	33 (in)
Height / H3	1344 (mm)	53 (in)
Width / W1	778 (mm)	31 (in)

Clamp Type for Sheet Pile

SCN 60

Unit	Metric	US
Width / W2	262 (mm)	10 (in)
Clamping Force	643 (kN)	73 (tons)
Weight	327 (kg)	721 (lbs)

Clamp Types for Casing

Diameter (min. - max.) / D	-	-
Clamping Force (kN)	-	-
Weight (kg)	-	-

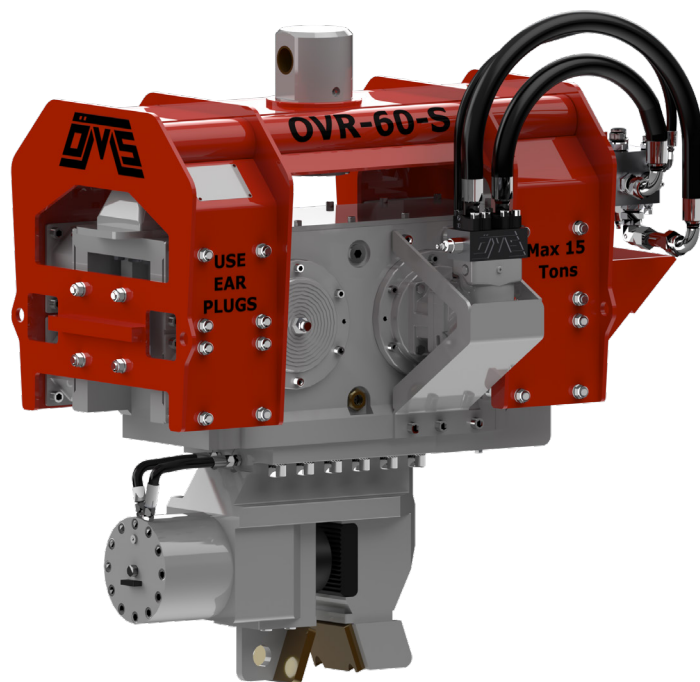
Recommended Excavator Working Weight (ton)

24 - 26





OMS Pile Driving Equipment



OVR 60 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

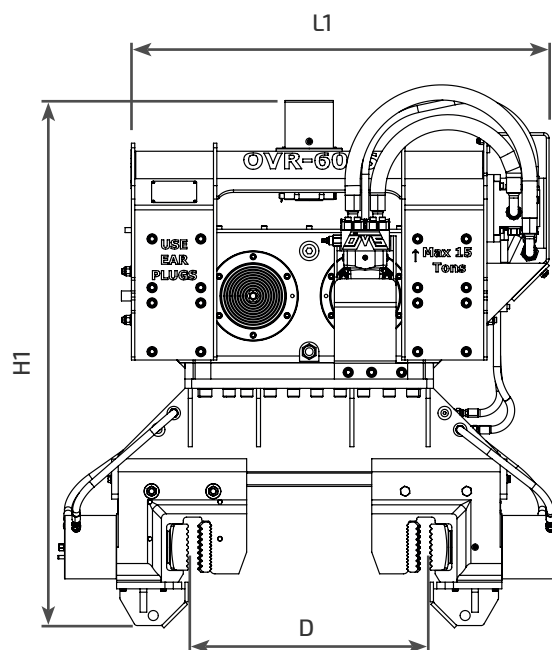
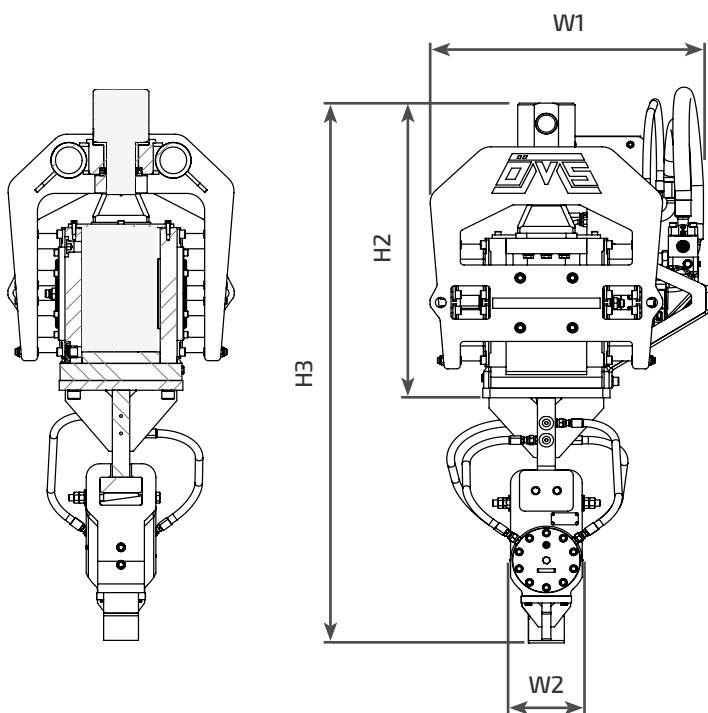
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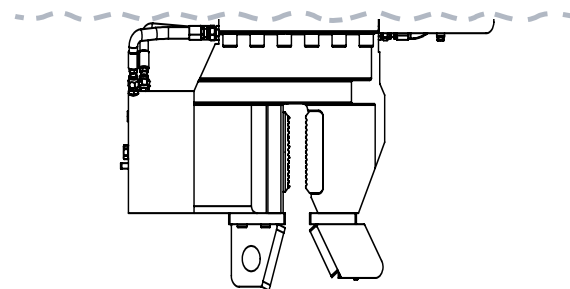
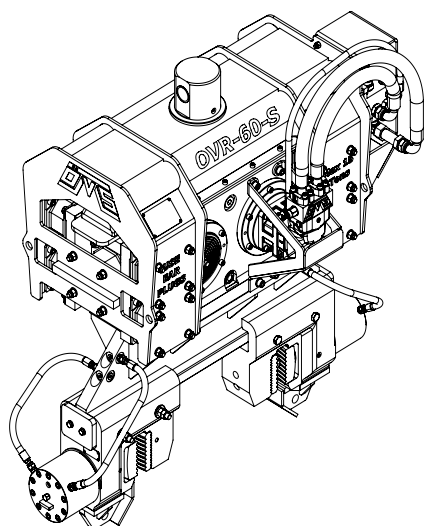
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OVR 60 S / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	6.3 (kgm)	547 (in.lbs)
Centrifugal Force	434 (kN)	49 (tons)
Frequency	2500 (rpm)	2500 (rpm)
Oil Flow	201 (l/min)	53 (gpm)
Power	107 (kW)	144 (hP)
Amplitude	16 (mm)	0.6 (in)
Pulling Force Max.	147 (kN)	17 (tons)



Weight and Dimensions

Unit	Metric	US
Dynamic Weight Without Clamp	771 (kg)	1700 (lbs)
Total Weight Without Clamp	1096 (kg)	2417 (lbs)
Length / L1	1282 (mm)	51 (in)
Height / H1	1581 (mm)	62 (in)
Height / H2	835 (mm)	33 (in)
Height / H3	1344 (mm)	53 (in)
Width / W1	778 (mm)	31 (in)

Clamp Type for Sheet Pile

SCN 60

Unit	Metric	US
Width / W2	262 (mm)	10 (in)
Clamping Force	643 (kN)	73 (tons)
Weight	327 (kg)	721 (lbs)

Clamp Types for Casing

KCN 45x2

Diameter (min. - max.) / D	350 - 670 (mm)	14 - 26 (in)
Clamping Force	465 x 2 (kN)	104 (tons)
Weight	185 x 2 (kg)	816 (lbs)

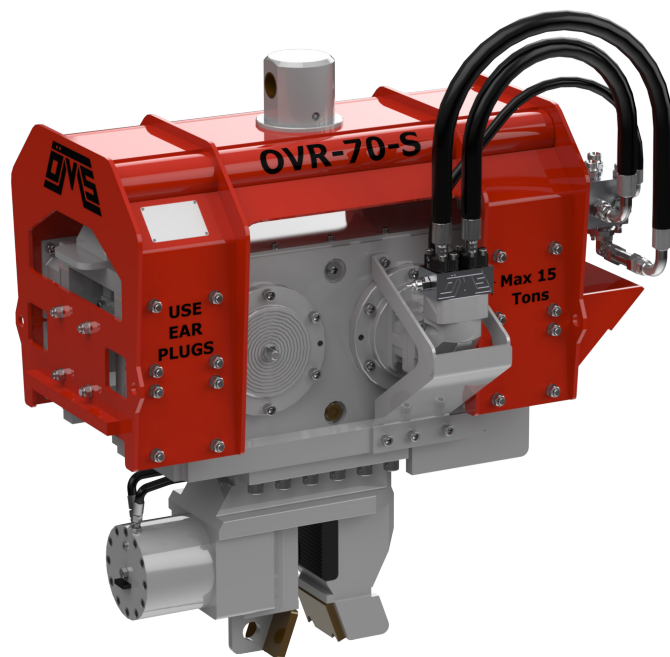
Recommended Excavator Working Weight (ton)

25 - 30





OMS Pile Driving Equipment



OVR 70 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

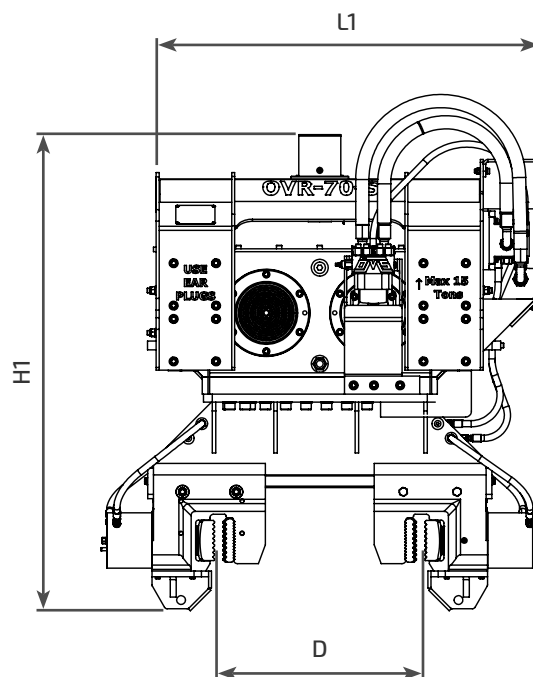
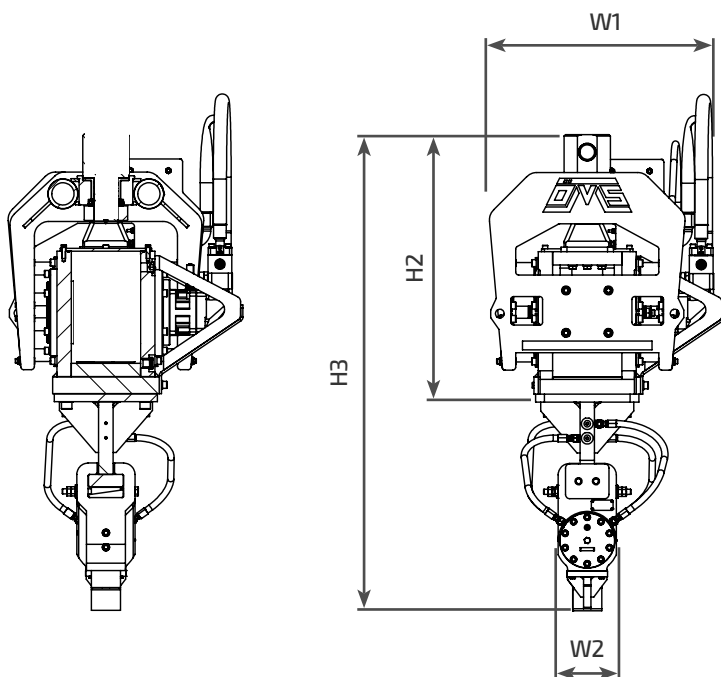
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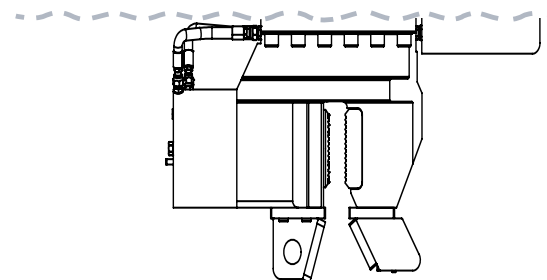
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OVR 70 S / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	7.3 (kgm)	634 (in.lbs)
Centrifugal Force	502 (kN)	57 (tons)
Frequency	2500 (rpm)	2500 (rpm)
Oil Flow	233 (l/min)	62 (gpm)
Power	124 (kW)	166 (hP)
Amplitude	16 (mm)	0.6 (in)
Pulling Force Max.	147 (kN)	17 (tons)



Weight and Dimensions

Unit	Metric	US
Dynamic Weight Without Clamp	929 (kg)	2048 (lbs)
Total Weight Without Clamp	1253 (kg)	2762 (lbs)
Length / L1	1343 (mm)	53 (in)
Height / H1	1639 (mm)	65 (in)
Height / H2	893 (mm)	35 (in)
Height / H3	1402/1476 (mm)	55/58 (in)
Width / W1	804 (mm)	32 (in)

Clamp Type for Sheet Pile

SCN 60/75

Unit	Metric	US
Width / W2	262/320 (mm)	10/12 (in)
Clamping Force	643/814 (kN)	73/92 (tons)
Weight	327/502 (kg)	721/1106 (lbs)

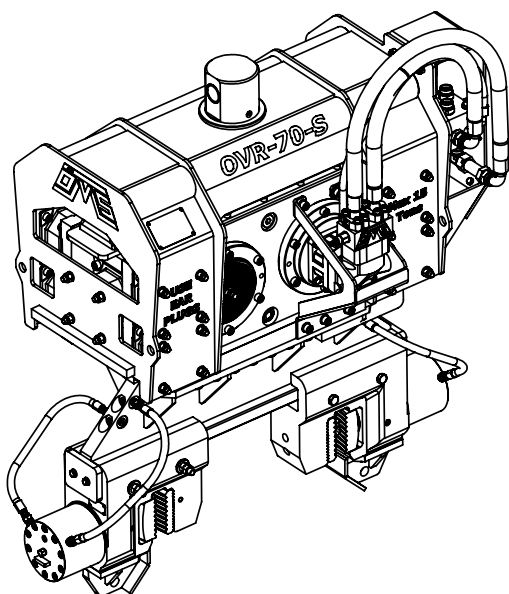
Clamp Types for Casing

KCN 45x2

Diameter (min. - max.) / D	350 - 670 (mm)	14 - 26 (in)
Clamping Force	465 x 2 (kN)	104 (tons)
Weight	185 x 2 (kg)	816 (lbs)

Recommended Excavator Working Weight (ton)

30 - 36





OMS Pile Driving Equipment

OVR 80 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

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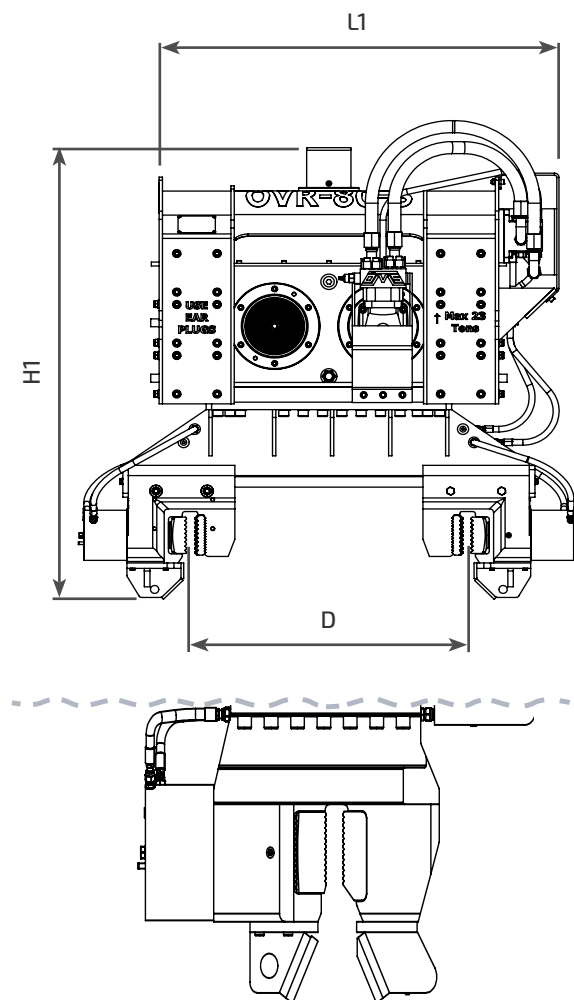
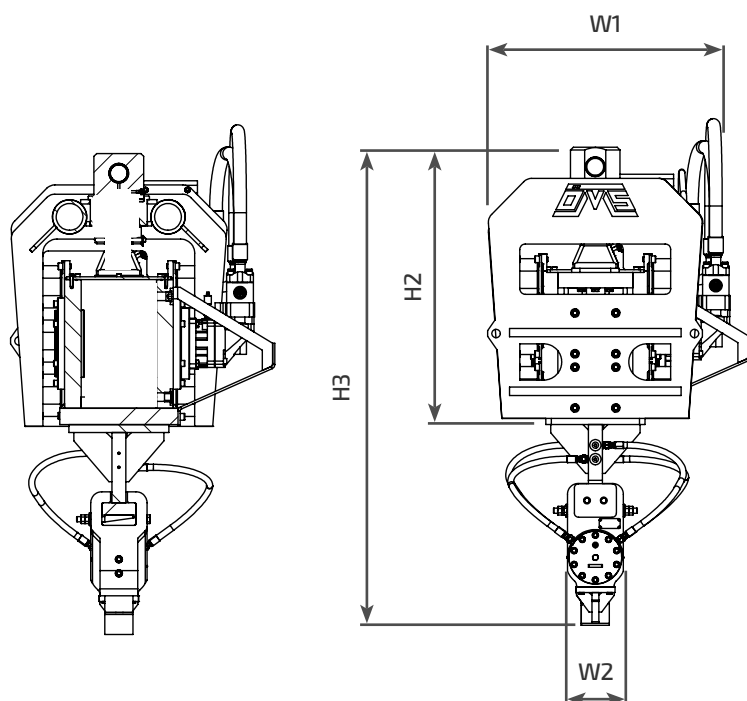


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OVR 80 S / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	9 (kgm)	781 (in.lbs)
Centrifugal Force	615 (kN)	69 (tons)
Frequency	2500 (rpm)	2500 (rpm)
Oil Flow	275 (l/min)	73 (gpm)
Power	147 (kW)	197 (hP)
Amplitude	14 (mm)	0.6 (in)
Pulling Force Max.	235 (kN)	27 (tons)

Weight and Dimensions

Unit	Metric	US
Dynamic Weight Without Clamp	1255 (kg)	2767 (lbs)
Total Weight Without Clamp	1740 (kg)	3836 (lbs)
Length / L1	1473 (mm)	58 (in)
Height / H1	1716 (mm)	68 (in)
Height / H2	970 (mm)	38 (in)
Height / H3	1553 (mm)	61 (in)
Width / W1	890 (mm)	35 (in)

Clamp Type for Sheet Pile

SCN 75

Unit	Metric	US
Width / W2	320 (mm)	12 (in)
Clamping Force	814 (kN)	92 (tons)
Weight	502 (kg)	1107 (lbs)

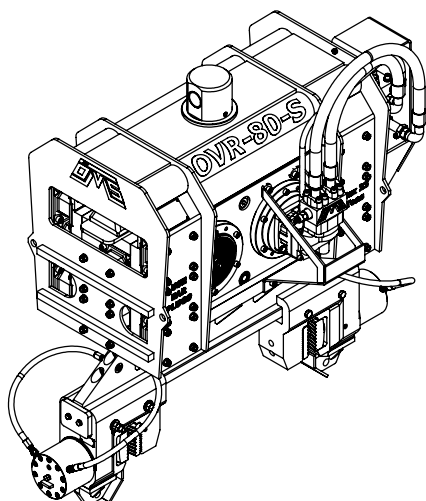
Clamp Types for Casing

KCN 45x2

Diameter (min. - max.) / D	350 - 670 (mm)	14 - 26 (in)
Clamping Force	465 x 2 (kN)	104 (tons)
Weight	185 x 2 (kg)	816 (lbs)

Recommended Excavator Working Weight (ton)

36 - 40



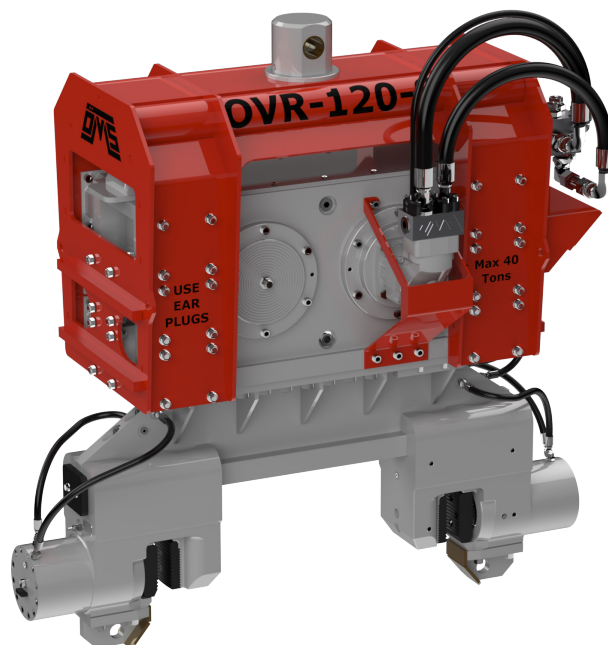


OMS Pile Driving Equipment

OVR 120 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

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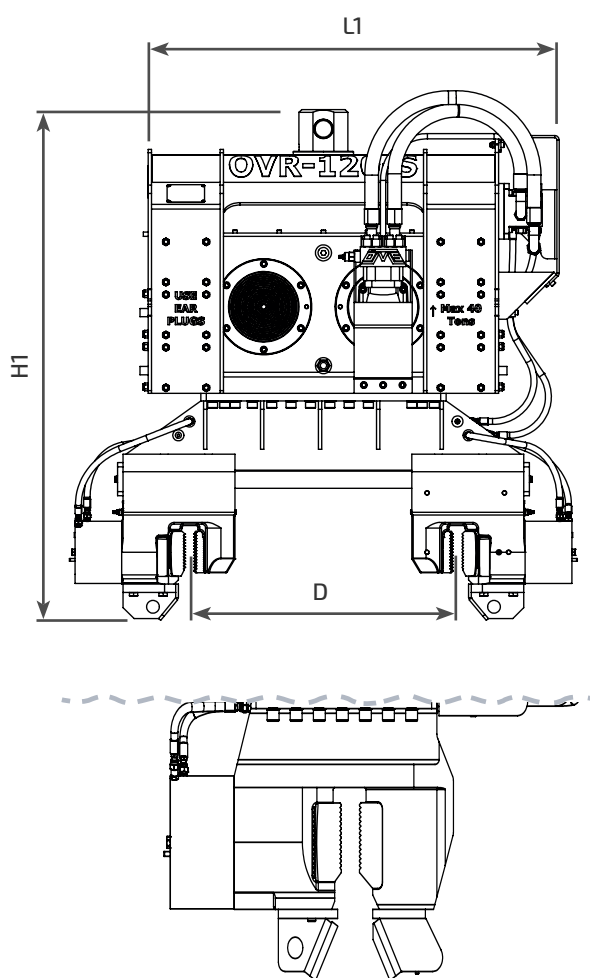
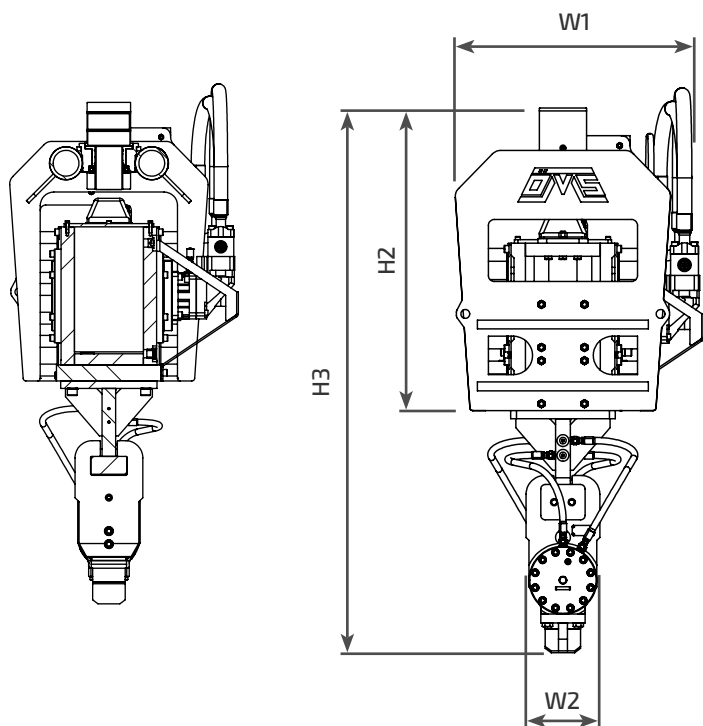


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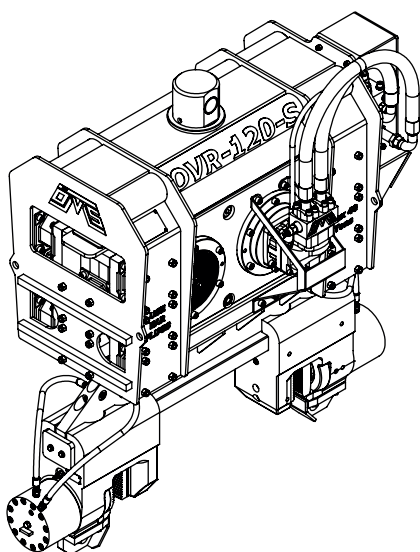
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OVR 120 S / Technical Specifications



Technical Specifications

Unit	Metric	US
Eccentric Moment	12.3 (kgm)	1068 (in.lbs)
Centrifugal Force	838 (kN)	94 (tons)
Frequency	2500 (rpm)	2500 (rpm)
Oil Flow	313 (L/min)	83 (gpm)
Power	167 (kW)	224 (hP)
Amplitude	19 (mm)	0.7 (in)
Pulling Force Max.	235 (kN)	27 (tons)



Weight and Dimensions

Unit	Metric	US
Dynamic Weight Without Clamp	1292 (kg)	2848 (lbs)
Total Weight Without Clamp	1798 (kg)	3964 (lbs)
Length / L1	1506 (mm)	59 (in)
Height / H1	1850 (mm)	73 (in)
Height / H2	1030 (mm)	41 (in)
Height / H3	1647 (mm)	65 (in)
Width / W1	842 (mm)	33 (in)

Clamp Type for Sheet Pile

SCN 100

Unit	Metric	US
Width / W2	320 (mm)	13 (in)
Clamping Force	1005 (kN)	113 (tons)
Weight	620 (kg)	1367 (lbs)

Clamp Types for Casing

KCN 60x2

Diameter (min. - max.) / D	360 - 940 (mm)	14 - 37 (in)
Clamping Force	643 x 2 (kN)	145 (tons)
Weight	307 x 2 (kg)	1354 (lbs)

Recommended Excavator Working Weight (ton)

40 - 50

