

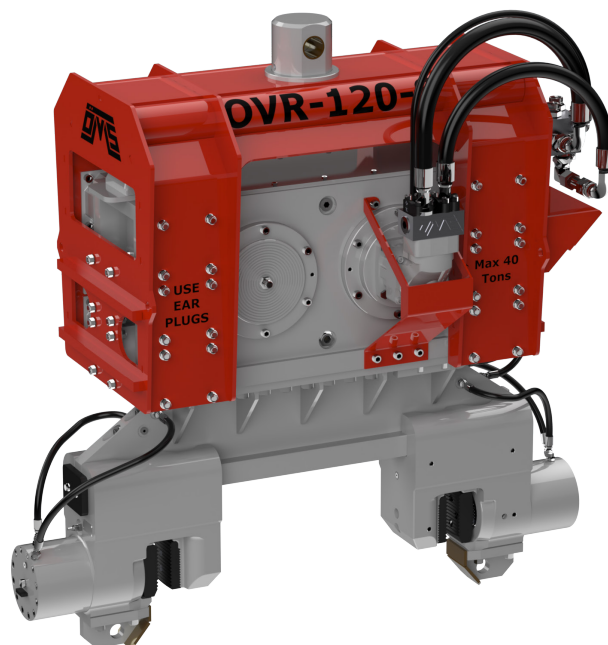


OMS Pile Driving Equipment

OVR 120 S

EXCAVATOR MOUNTED VIBRATORY HAMMER

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

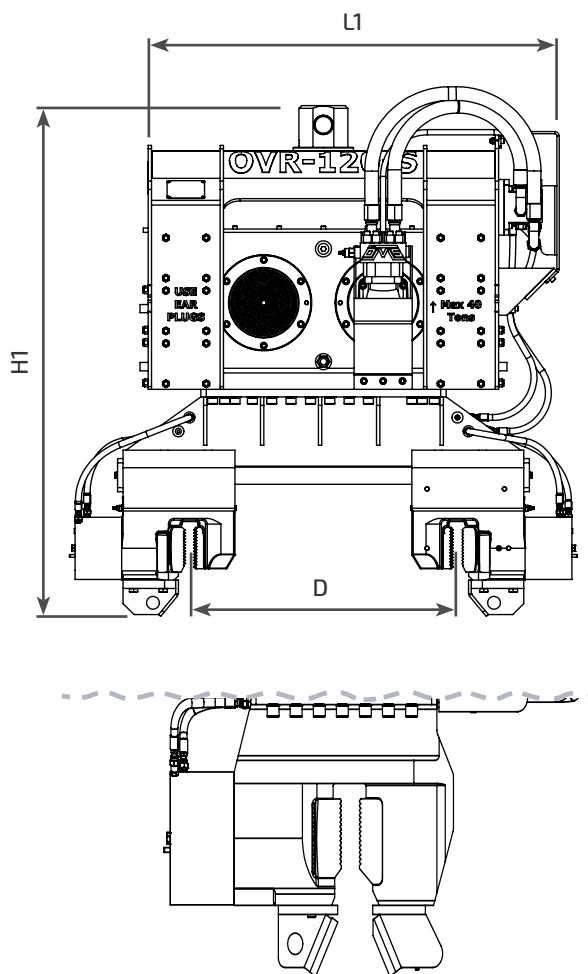
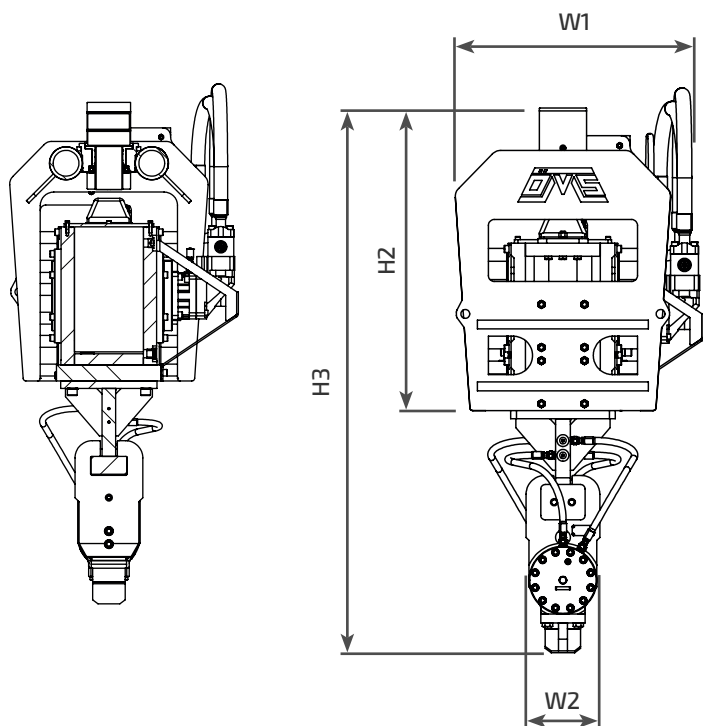


ADVANTAGES

- 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.

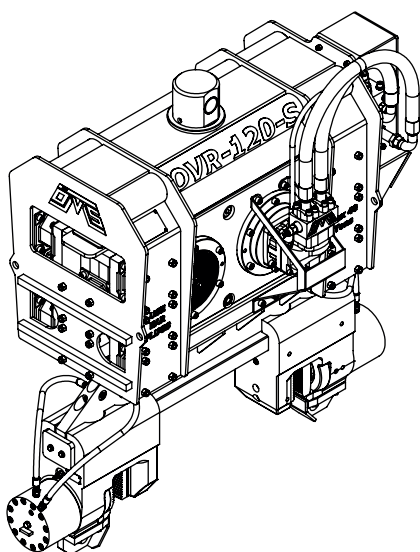
OVR Series of vibratory piling machines have been designed to be powered by the hydraulic system of the excavator it is fitted to. The vibro hammer can be easily and quickly fitted without any modifications required to the excavator and is controlled directly by the excavator operator. OVR series vibro 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 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

