



**OMS Pile Driving Equipment**

# **OVR 80 S**

## **EXCAVATOR MOUNTED VIBRATORY HAMMER**

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

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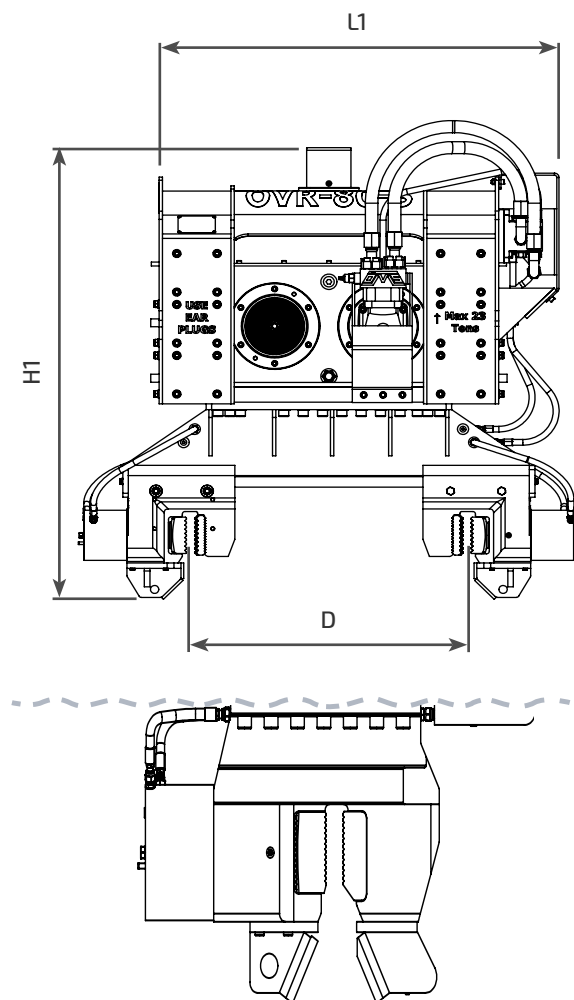
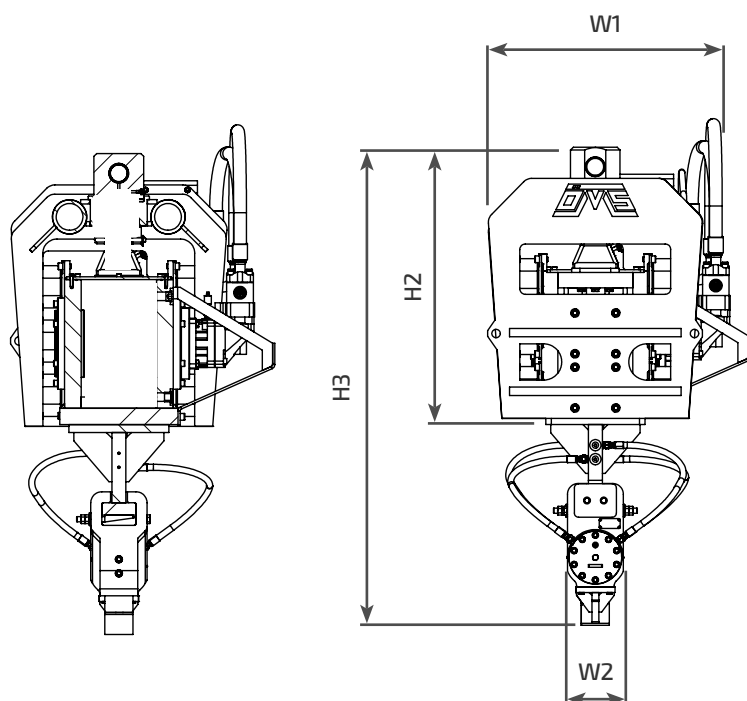


### **ADVANTAGES**

- 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.

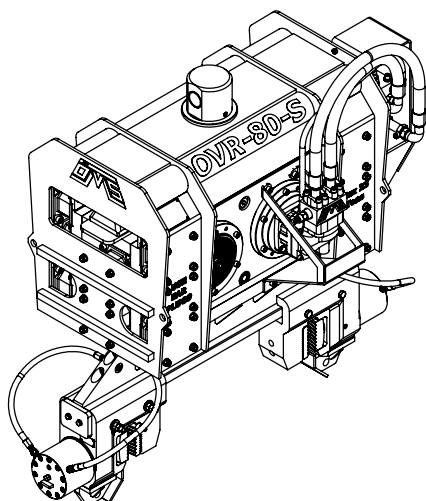
*OVR Series* of vibratory piling machines have been designed to be powered by the hydraulic system of the excavator it is fitted to. The vibro hammer can be easily and quickly fitted without any modifications required to the excavator and is controlled directly by the excavator operator. OVR series vibro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

