



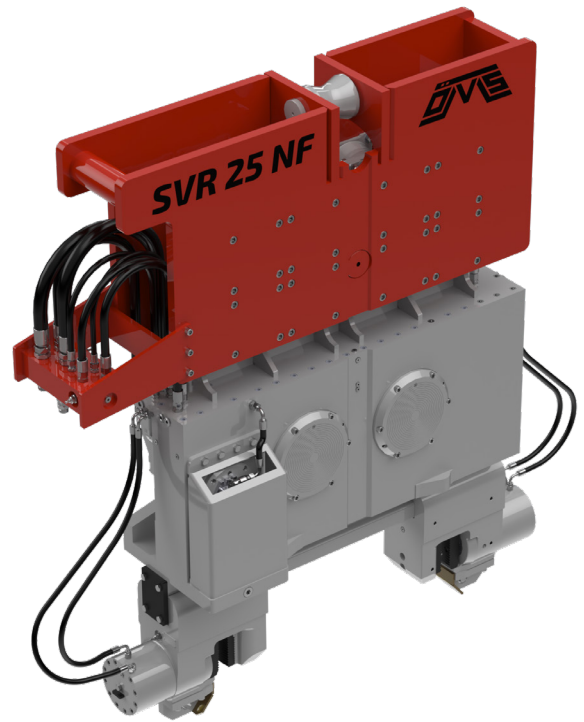
**OMS Pile Driving Equipment**

# **SVR 25 NF**

**CRANE HANGING  
VIBRATORY HAMMER**

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

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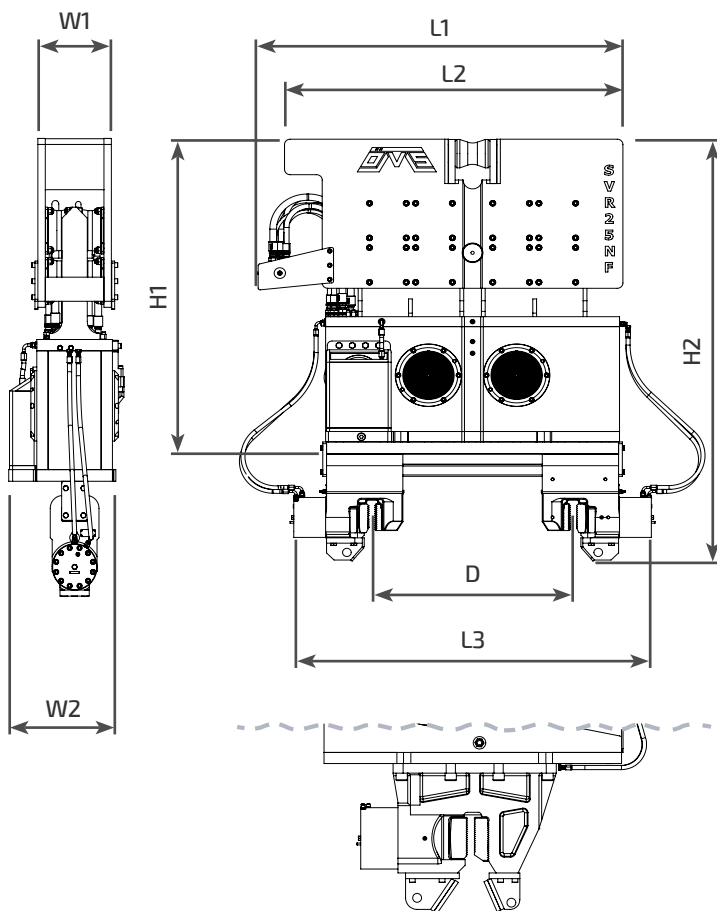
## **ADVANTAGES**

- 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 25 NF / Technical Specifications



## Technical Specifications

| Unit                   | Metric      | US            |
|------------------------|-------------|---------------|
| Eccentric Moment       | 25 (kgm)    | 2170 (in.lbs) |
| Centrifugal Force Max. | 795 (kN)    | 89 (tons)     |
| Frequency              | 1700 (rpm)  | 1700 (rpm)    |
| Oil Flow               | 366 (l/min) | 97 (gpm)      |
| Power                  | 195 (kW)    | 262 (hP)      |
| Amplitude              | 22 (mm)     | 0.9 (in)      |
| Pulling Force Max.     | 470 (kN)    | 53 (tons)     |

## Weight and Dimensions

| Unit                     | Metric    | US         |
|--------------------------|-----------|------------|
| Dynamic Weight W/O Clamp | 2159 (kg) | 4760 (lbs) |
| Total Weight W/O Clamp   | 3384 (kg) | 7460 (lbs) |
| Length / L1              | 1998 (mm) | 79 (in)    |
| Length / L2              | 1796 (mm) | 71 (in)    |
| Length / L3              | 1942 (mm) | 77 (in)    |
| Height / H1              | 1705 (mm) | 67 (in)    |
| Height / H2              | 2376 (mm) | 94 (in)    |
| Width / W1               | 371 (mm)  | 15 (in)    |
| Width / W2               | 550 (mm)  | 22 (in)    |
| Throat Width             | 366 (mm)  | 14.4 (in)  |

## Recommended Clamp Type for Sheet Piles

### SCN 120

| Unit           | Metric    | US         |
|----------------|-----------|------------|
| Clamping Force | 1216 (kN) | 137 (tons) |
| Weight         | 851 (kg)  | 1876 (lbs) |

## Recommended Clamp Type for Casing

### KCN 60x2

| Unit                       | Metric          | US           |
|----------------------------|-----------------|--------------|
| Diameter (min. - max.) / D | 360 - 1030 (mm) | 14 - 41 (in) |
| Clamping Force             | 643 x 2 (kN)    | 145 (tons)   |
| Weight                     | 307 x 2 (kg)    | 1354 (lbs)   |

## Recommended Power Pack

### PP 320

| Unit                 | Metric      | US         |
|----------------------|-------------|------------|
| Oil Flow Max.        | 460 (lpm)   | 121 (gpm)  |
| Pressure Max.        | 350 (bar)   | 5076 (psi) |
| Oil Capacity         | 500 (liter) | 132 (gal)  |
| Diesel Tank Capacity | 650 (liter) | 172 (gal)  |
| Width                | 1660 (mm)   | 65 (in)    |
| Length               | 4230 (mm)   | 167 (in)   |
| Height               | 1750 (mm)   | 69 (in)    |

| Stage   | Model          | Power             | Weight (kg) | Weight (lbs) |
|---------|----------------|-------------------|-------------|--------------|
| Tier 3  | Volvo TAD853VE | 235 / 320 (kW/hP) | 5200        | 11460        |
| Tier 4f | Volvo TAD873VE | 235 / 320 (kW/hP) | 5300        | 11681        |

