

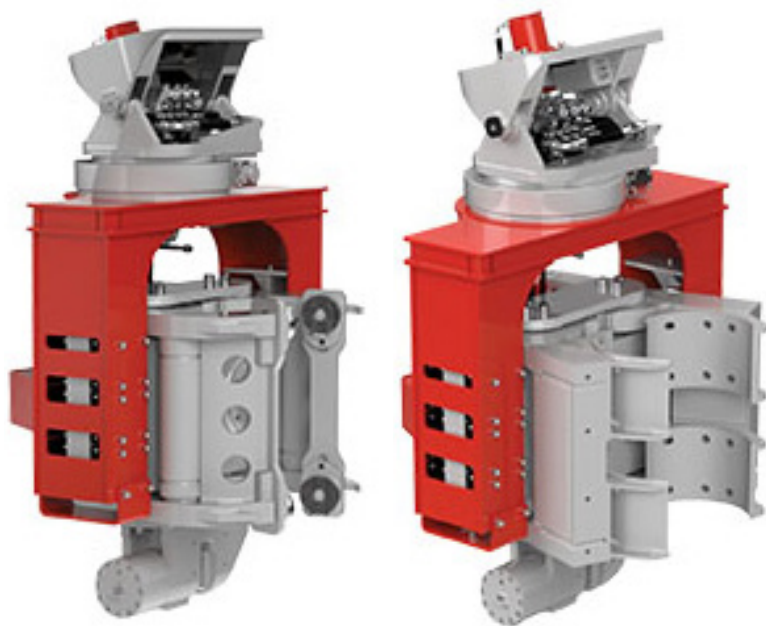


OMS Pile Driving Equipment

OVR 70 SG

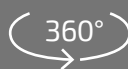
**EXCAVATOR MOUNTED
VIBRATORY HAMMER**

***Effective solution for
pile driving on low
headroom and limited
access sites!..***



TILTING

+/- 30° tilting mechanism makes SG vibro hammer effective for pile driving.



ROTATING

OMS Side Grip series vibratory hammer has 360° rotating mechanism.



SIDE CLAMP

To drive and extract sheet piles, beams and tubular piles where the height matters.



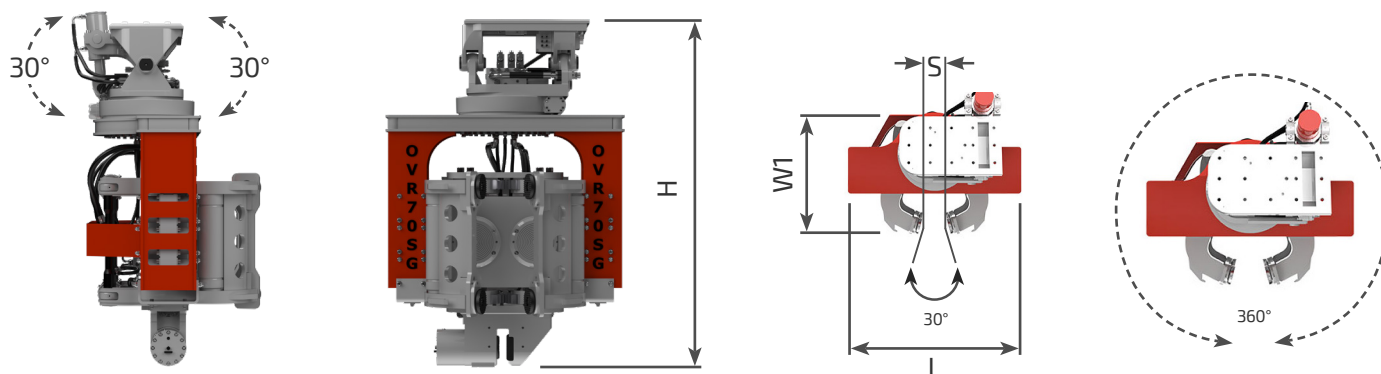
BOTTOM CLAMP

Bottom clamp system designed for driving and extracting beams and sheet piles.

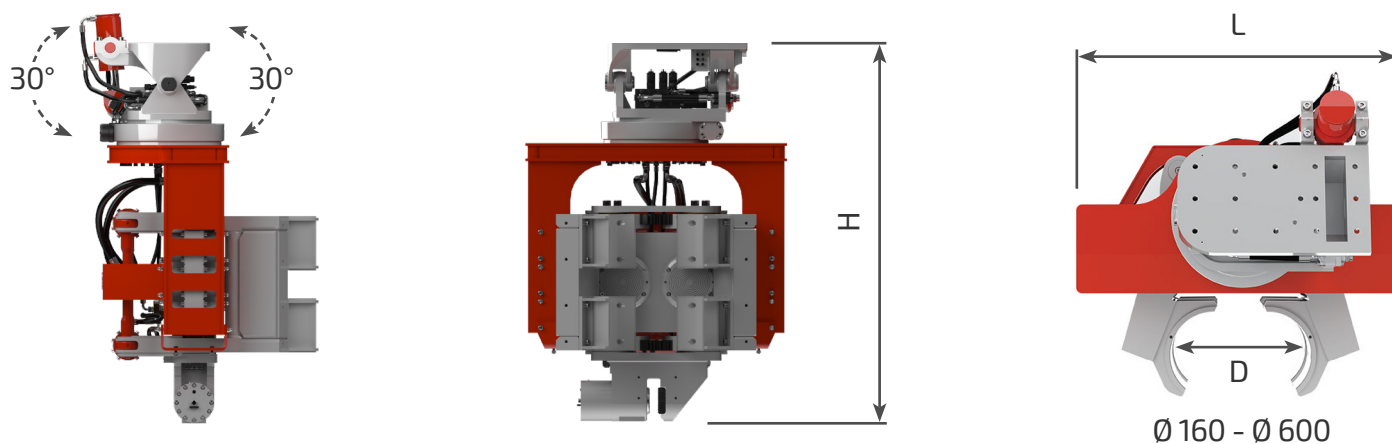
OMS Side Grip Vibro Hammer equipped with both gripping arms/clamp and the bottom clamp. One of the clamps is located in front of vibration case, while the other one is below the vibration case. Hydraulic clamps have gripping jaws. The hydraulic cylinder operates the gripping arms with force up to 500 kN. Bottom clamp is operated with up to 440 kN, depending on clamp relief pressure. The clamps can be opened and closed directly from excavator "Joy Stick" or from the electrical remote control monitor. Clamping and un-clamping occurs in a few seconds.

OVR 70 SG / Technical Specifications

SHEET PILE DRIVERS (SG - SP)



TUBE PILE DRIVERS (SG - TP)



Technical Specifications

Unit	Metric	US
Eccentric Moment	7.3 kgm	634 in.lbs
Centrifugal Force	502 kN	56 tons
Frequency	2500 rpm	2500 rpm
Oil Flow	233 l/min	61 gpm
Power	124 kW	166 hP
Amplitude	7 mm	0.3 in
Pulling Force	177 kN	20 tons
Side Gripping Force	532 kN	60 tons
Bottom Clamping Force	442 kN	50 tons

Weight and Dimensions

Unit	Metric	US
Dynamic Weight	2085 kg	4597 lbs
Total Weight	3140 kg	6923 lbs
Length / L	1450 mm	57 in
Height / H	2257 mm	89 in
Width / W1	1215 mm	48 in
Arm Stroke / S	225 mm	9 in

Selection Chart

Excavator Class	70 SG-SP
Sheet Piles (mm)	30 - 36 ton
H-Beams	400 - 1000
Timber Piles (mm)	H250 - H500
Tube Piles (mm)	Ø 160 - 600

