

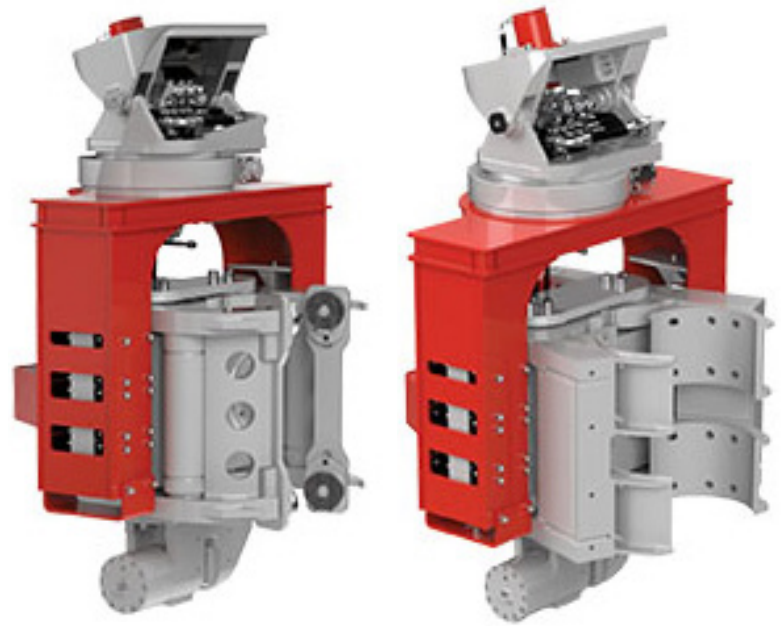


OMS Pile Driving Equipment

OVR 40 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.



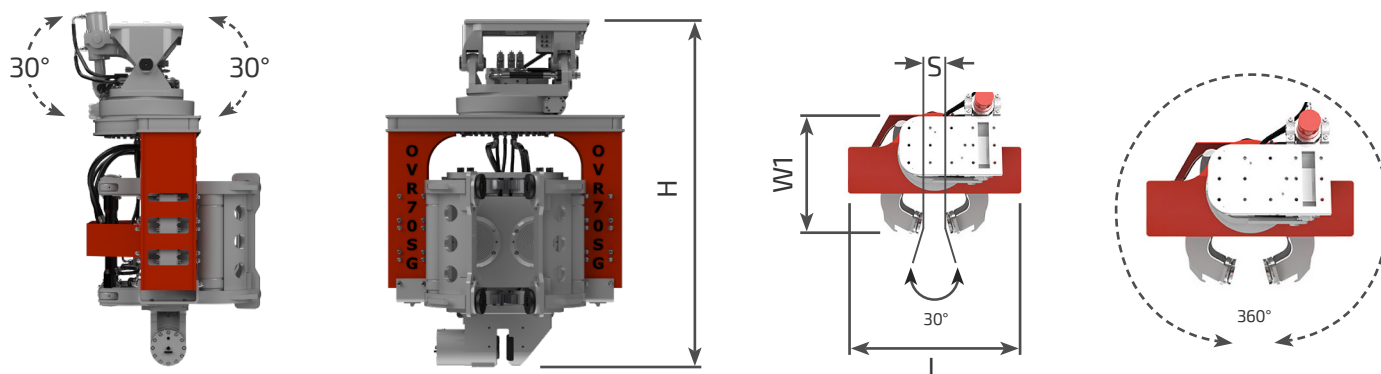
BOTTOM CLAMP

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

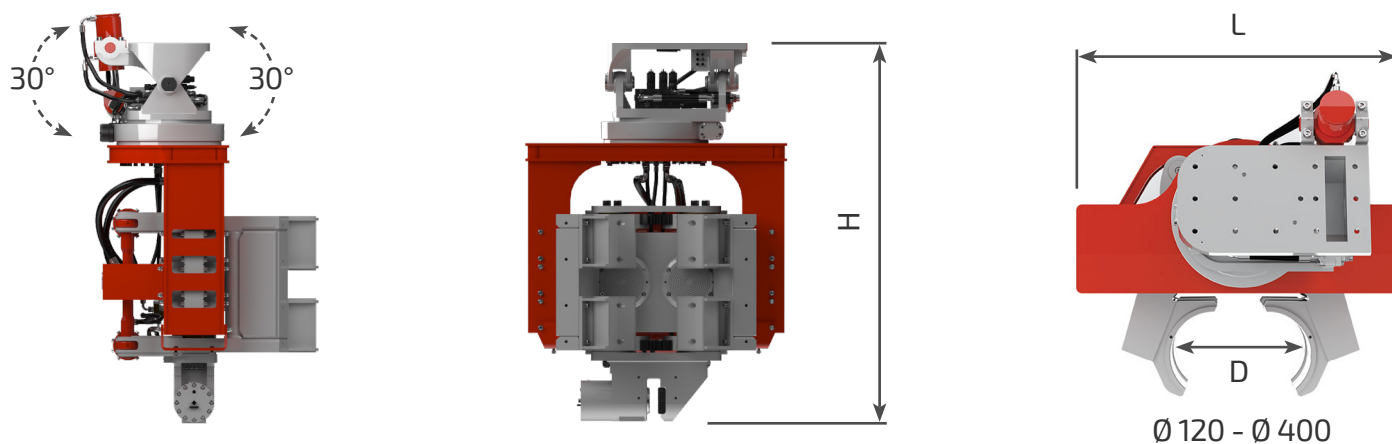
OMS Side Grip Vibro Hammer equipped with both gripping arms/clamp and the bottom clamp. One of the clamps is located in front of vibration case, while the other one is below the vibration case. Hydraulic clamps have gripping jaws. The hydraulic cylinder operates the gripping arms with force up to 500 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 40 SG / Technical Specifications

SHEET PILE DRIVERS (SG - SP)



TUBE PILE DRIVERS (SG - TP)



Technical Specifications

Unit	40 SG-SP 40 SG - TP	
	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	26 gpm
Power	53 kW	71 hP
Amplitude	5 mm	0.2 in
Pulling Force	117 kN	13 tons
Side Gripping Force	439 kN	49 tons
Bottom Clamping Force	292 kN	33 tons

Weight and Dimensions

Unit	40 SG-SP	
	Metric	US
Dynamic Weight	1573 kg	3468 lbs
Total Weight	2530 kg	5578 lbs
Length / L	1420 mm	56 in
Height / H	2124 mm	84 in
Width / W1	1190 mm	47 in
Arm Stroke / S	225 mm	9 in

Selection Chart

40 SG-SP	
Excavator Class	18 - 22 ton
Sheet Piles (mm)	350 - 800
H-Beams	H200 - H500
Timber Piles (mm)	Ø 120 - 400
Tube Piles (mm)	Ø 120 - 400



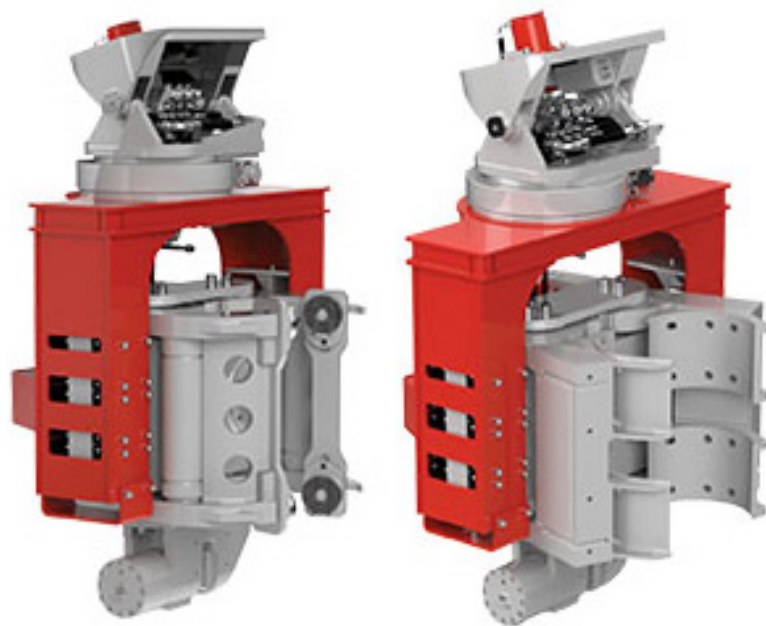


OMS Pile Driving Equipment

OVR 50 SG

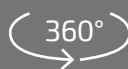
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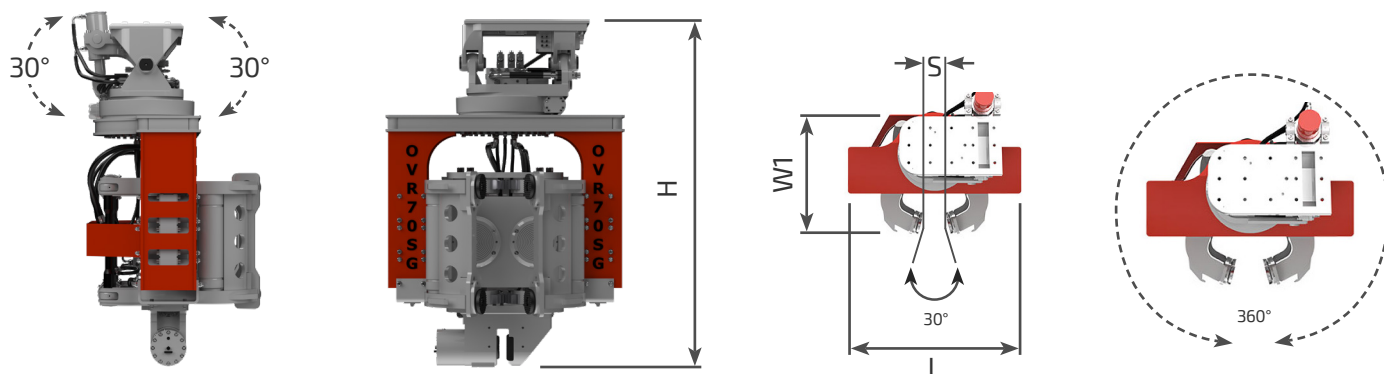
BOTTOM CLAMP

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

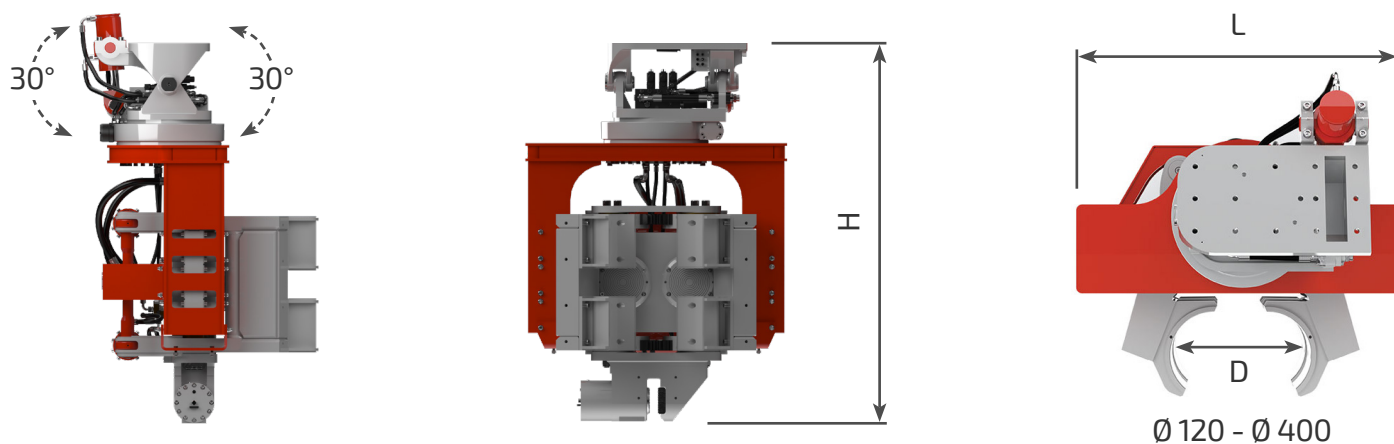
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OVR 50 SG / Technical Specifications

SHEET PILE DRIVERS (SG - SP)



TUBE PILE DRIVERS (SG - TP)



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	107 hP
Amplitude	6 mm	0.2 in
Pulling Force	117 kN	13 tons
Side Gripping Force	439 kN	49 tons
Bottom Clamping Force	292 kN	33 tons

50 SG-SP 50 SG - TP

Weight and Dimensions

Unit	Metric	US
Dynamic Weight	1643 kg	3622 lbs
Total Weight	2660 kg	5864 lbs
Length / L	1420 mm	56 in
Height / H	2124 mm	84 in
Width / W1	1190 mm	47 in
Arm Stroke / S	225 mm	9 in

Selection Chart

Excavator Class	50 SG-SP
Sheet Piles (mm)	24 - 26 ton
H-Beams	350 - 800
Timber Piles (mm)	H200 - H500
Tube Piles (mm)	Ø 120 - 400



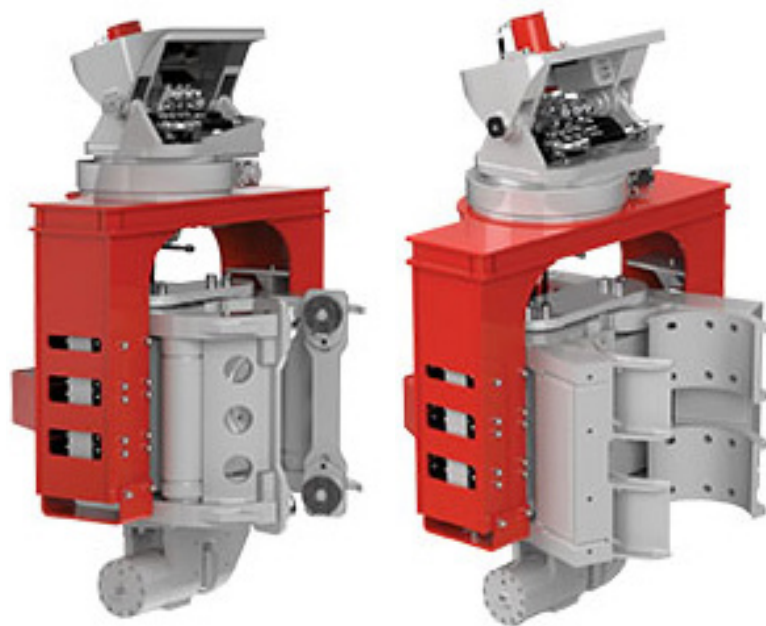


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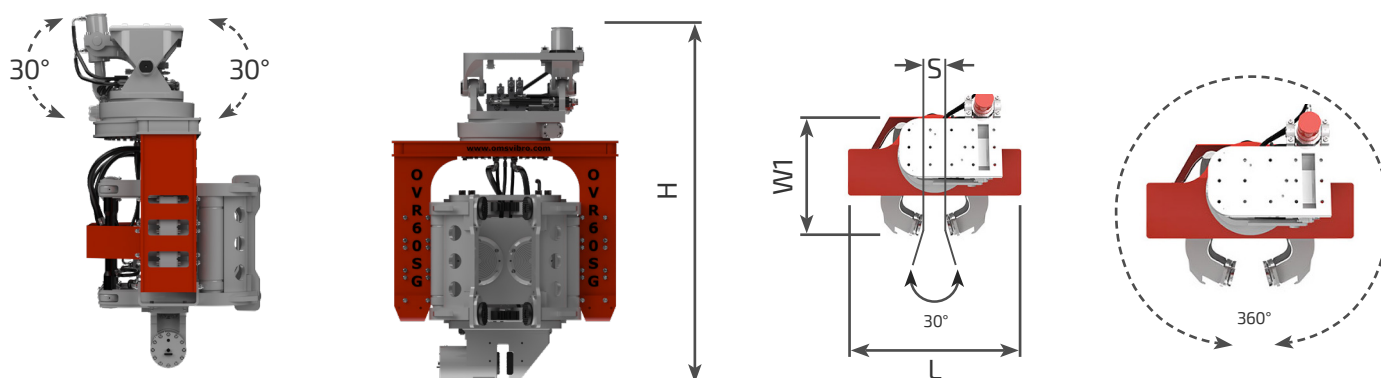
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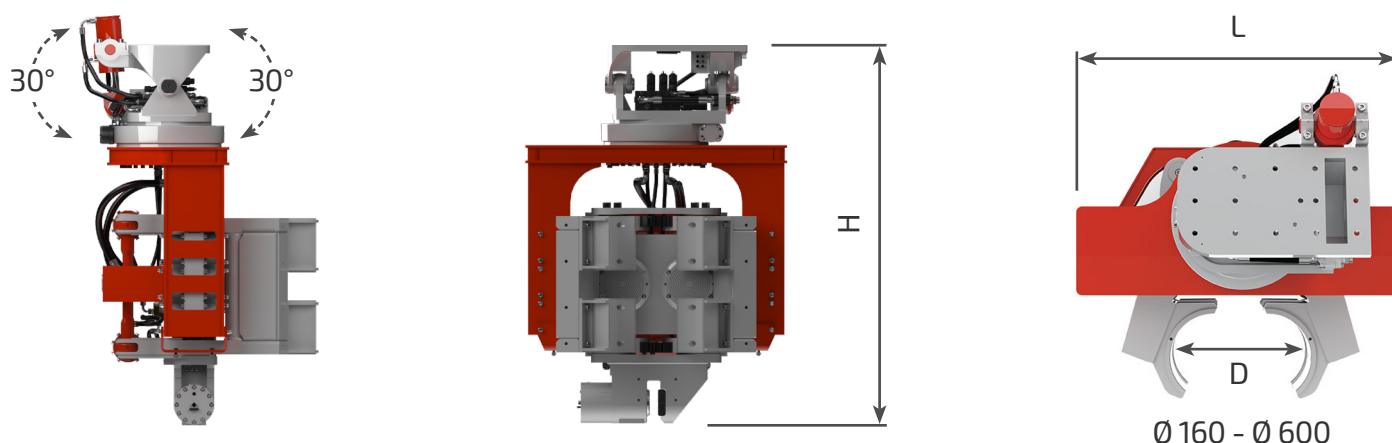
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OVR 60 SG / Technical Specifications

SHEET PILE DRIVERS (SG - SP)



TUBE PILE DRIVERS (SG - TP)



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	143 hP
Amplitude	6 mm	0.2 in
Pulling Force	177 kN	20 tons
Side Gripping Force	532 kN	60 tons
Bottom Clamping Force	442 kN	50 tons

60 SG-SP 60 SG - TP

Weight and Dimensions

Unit	Metric	US
Dynamic Weight	2055 kg	4530 lbs
Total Weight	3110 kg	6856 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	60 SG-SP
Sheet Piles (mm)	25 - 30 ton
H-Beams	400 - 1000
Timber Piles (mm)	H250 - H500
Tube Piles (mm)	Ø 160 - 600



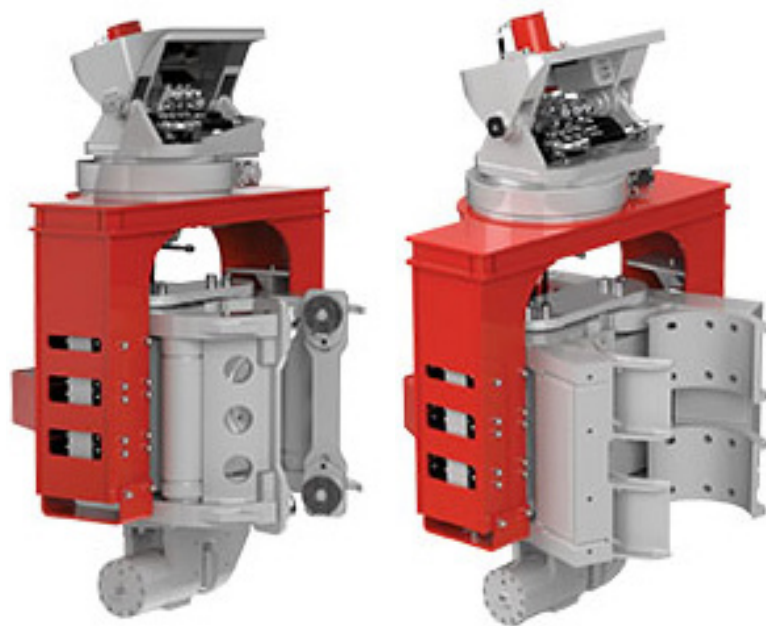


OMS Pile Driving Equipment

OVR 70 SG

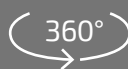
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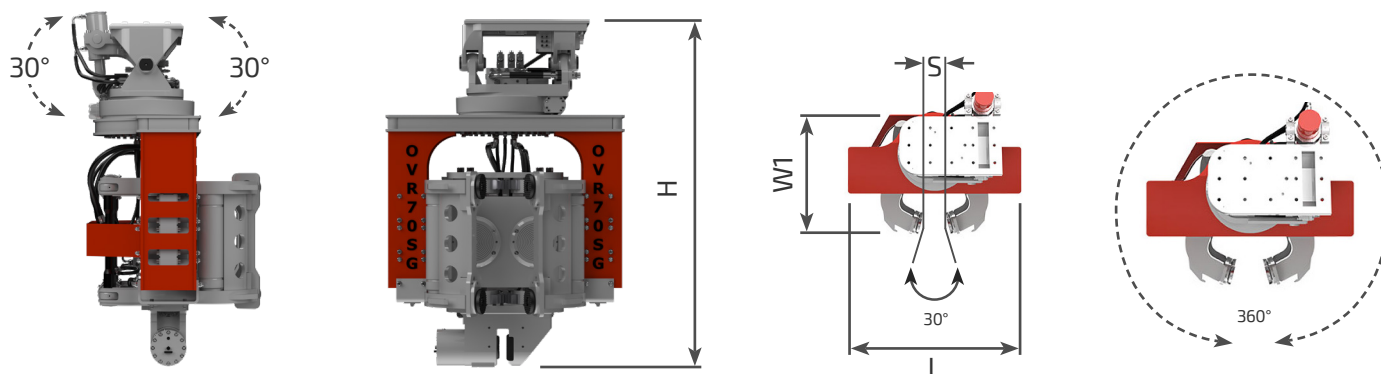
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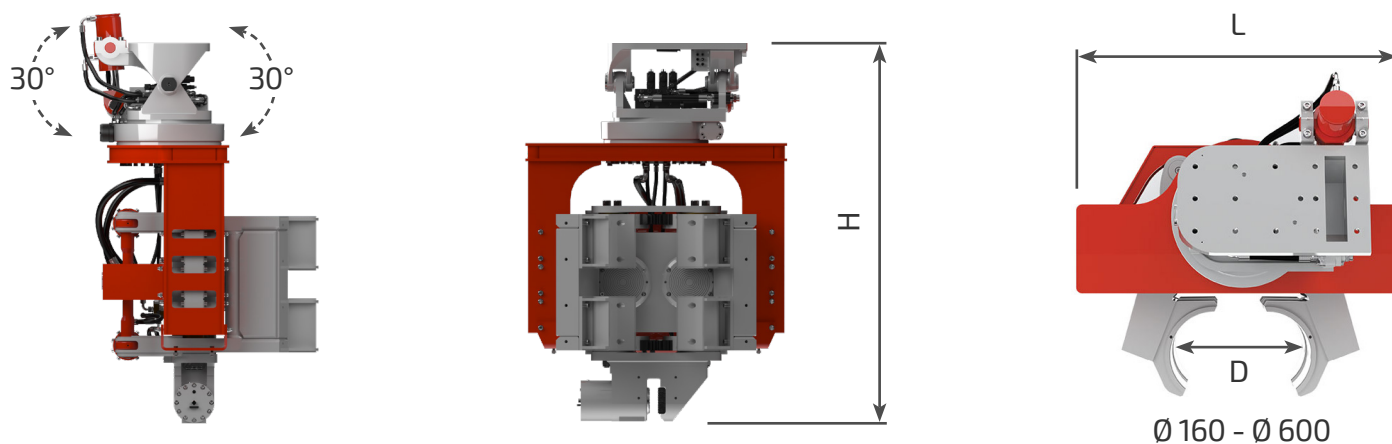
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OVR 70 SG / Technical Specifications

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

